

AVANT[®]

Loaders, options & attachments



Catalog

Foreword

This catalog contains most of the Avant loaders and attachments available from Avant Tecno USA at the date of printing. Avant has a policy of continuing product development and retains the right to change specifications without notice.

Operation of certain attachments may require specific equipment on the loader. Please consult your local Avant dealer.

Compatibility tables between attachments and loader models are advisory. All attachments do not fit on all loader models. Please contact your local Avant dealer to make sure that the attachment is compatible with your Avant loader.

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AVANT®

Avant's advantages in power, efficiency, versatility and value are driven by our robust features. Our compact articulated design uses less horsepower to do most jobs-that means less surface impact and lower operating costs.

- ✓ Excellent weight to lift ratio
- ✓ Avant increases productivity, saving time and manpower
- ✓ Minimal surface impact
- ✓ Articulated, compact design
- ✓ Low operating cost
- ✓ Fuel efficient
- ✓ Offset telescopic boom
- ✓ Easy to operate
- ✓ 360° operator visibility
- ✓ Hundreds of attachments

The unique articulated chassis design makes Avant an unrivalled machine in its class. It is very stable, easy to drive and turns smoothly, without damaging sensitive surfaces like lawns, paved areas, etc. This makes Avant a real multi purpose machine for almost any job. And with additional features to improve operator comfort, work efficiency and work quality:

- **Telescopic loader boom** gives more lift height and outreach – both equally important.
- **Modern off center boom construction** guarantees excellent, unrestricted visibility – no need to reach out from the driver's seat in order to see the attachment.
- **Boom self levelling** makes load handling quicker and more precise.
- Increased safety thanks to the **load sensor system**.
- **Articulated design** allows precise sideways moving of the load in tight situations.
- **Avant quick attach system** allows easy, safe and fast attachment coupling.
- **OPTIDRIVE®** drive circuit gives more power for drive and hydraulic attachments.



Top class features



Compact, strong and versatile

- High lift capacity and pulling force
- Compact enough to work in tight situations
- Wide model range to suit many customer segments
- More than 200 attachments available, for almost any job

Advanced technology

- Stepless hydrostatic transmission
- Hydraulically pilot operated variable displacement drive pump – easy and smooth to drive, no wearparts in the drive system
- Easy servicing

Wide range of options

- Numerous optional options including different cabs, boom floating, extra hydraulic outlets and many more make it easy to tailor the Avant to meet any requirements.





Best operator position

- Positioned in the front of the machine, the operator's seat is as close to the attachment as it can safely be, providing an unrestricted view of the attachment working
- This guarantees excellent work efficiency, precision and safety

Off center boom construction

- Allows excellent forward vision and a clear view of the attachment
- More precision, work efficiency and safety
- The machine reaches out – not the driver

Top class ergonomics

- Ample space even for larger operators
- Easily operated, well-positioned controls
- Safe and easy access to driver's seat
- Certified ROPS/FOPS safety frame with tinted plexiglass canopy is a standard feature



Multi connector

- Connects all hoses effortlessly with a single hand movement
- Releases pressure automatically and is always easy and light to connect
- No oil drops during connecting or detaching
- It is not possible to connect the multi connector in a wrong way
- On loaders equipped with the optional Opticontrol, the electric wire of an attachment with electric functions will also connect with the multi connector

Rigid articulation joint

The rigid articulation joint prevents sideways pivot and is a very important feature in a machine of this size. Thanks to this rigid design the risk of tipping the machine over is greatly reduced, because the rear chassis is counterbalancing the front chassis at all times, preventing the front chassis from movement which could otherwise destabilise the machine.

Existing Avant operators attest to the stability of the machine, achieved because of this feature.

Safety frame

Fitted as standard to the Avant loaders the ROPS safety frame with FOPS and tinted plexiglass canopy is a four post structure that provides all round protection for the operator, and the FOPS canopy protects the operator against falling objects. The ROPS frame and the FOPS canopy are tested and certified and comply with the ISO 3471 (ROPS) and ISO 3449 (FOPS) standards.

Telescopic boom

The telescopic loader boom provides all the advantages of out reach when fully extended and maximum stability as, when retracted, the load is close to the machine during transportation.

Boom self levelling

Boom self levelling makes load handling quicker and more precise. The self levelling system keeps the load automatically level in all positions of the loader boom. Standard in 800 series machines, available as an option in 500-700 and e series

Load sensor

A load sensor is fitted as standard to the Avant 600-800 series and provides an audible warning if the rear wheels are about to lift off the ground. This pre-emptive warning gives the operator more time to react in the event of the machine becoming unstable.





Landscaping

Avant is a versatile landscaper's tool that will cover all your landscaping and maintenance needs. Articulated steering and light frame reduce ground damage saving time and money on jobs.



Construction & demolition

Avant loaders can take care of various jobs in different stages of the construction project in new building projects, renovations or demolition.



Tree Care

Avant is powerful enough to lift heavy logs, yet compact enough to fit in tight nooks, small yards and narrow pathways. Avant loaders have less surface impact therefore laying down protective mats is unnecessary allowing you save time and money.



Sidewalk snow removal

Avant's compact size allows you to fit on 48" sidewalks making snow removal easier and more efficient.



Municipalities

Avant loaders are already used by many Municipalities, Park Districts, and Universities across the United States. With hundreds of attachments to choose from, there is a tool for every job.



Farming

Avant loaders can take care of all the physically challenging jobs on the farm that used to have to be done manually. A versatile tool for all the work on the farm.

AVANT[®] 200

Super compact multi-function loader

- ✓ Avant quick attach system for attachments
- ✓ Boom Float
- ✓ Multi connector for hydraulic attachments
- ✓ Multi function display: hour meter and fuel gauge, engine indicators, road traffic light indicators
- ✓ Large 4.7 gal fuel tank
- ✓ Large 47 Ah battery
- ✓ Automatic drive release valve
- ✓ LED front lights
- ✓ Suspension seat with arm rests (no heater)
- ✓ Avant 225 with 25 hp electronic fuel injection gasoline engine starts easily in any situation, no choke needed
- ✓ Auxiliary hydraulics oil flow to hydraulically driven attachments as high as 11.1 gal/min

Options

- ✓ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✓ Cab L: windscreen with wiper and washer, right side and rear windows – door also available as an option
- ✓ Anti slip valve
- ✓ LED work light kit: 2 front, 1 rear
- ✓ Road traffic kit
- ✓ Auxiliary hydraulics outlet in the rear
- ✓ Attachment control switch pack for electric functions on attachment
- ✓ Wheel weights

Safety

- ✓ Longer wheelbase and lower center of gravity – better stability
- ✓ Certified ROPS safety frame and FOPS canopy
- ✓ Seat belt
- ✓ LED front lights as standard, extra LED work light kit (2 front, 1 rear, 700 lumen) available as an option
- ✓ Excellent, unrestricted field of vision to the attachment and working environment



75.2 in



1540 lb



55.1 in



772 lb



**20-25 hp
Gasoline**



0 – 6.2 MPH

Specifications



Machine width

| Wheel size | Profile | Width |
|-----------------|-------------|---------|
| 20 x 8.00 - 10 | TR or grass | 39.2 in |
| 20 x 8.00 - 10* | TR or grass | 40.4 in |

* With spacers A44337

| Model | AVANT 220 | AVANT 225 |
|---------------------------------|--------------------------|--------------------------|
| Length | 75.2 in | 75.2 in |
| Width* | 39.2 in | 39.2 in |
| Height | 74 in | 74 in |
| Weight | 1540 lb | 1540 lb |
| Wheels | 20x8.00-10 tractor/grass | 20x8.00-10 tractor/grass |
| Transmission, drive | hydrostatic | hydrostatic |
| Pulling force | 1395 lbf | 1440 lbf |
| Drive speed (max.) | 6.2 MPH | 6.2 MPH |
| Auxiliary hydraulics | 7.9 gal/min/2680 PSI | 11.1 gal/min/2680 PSI |
| Hydraulic oil cooler | standard | standard |
| Turning radius inside/outside** | 35.8 / 75.2 in | 35.8 / 75.2 in |
| Tipping load*** | 772 lb | 772 lb |
| Engine | Kohler CV640 | Kohler ECV730 EFI |
| Engine output | 20 hp | 25 hp |
| Fuel | Gasoline | Gasoline |
| Product no: | M220 | M225 |

* 40.4 in. with optional wheel spacers

** Turning radius with Standard tires

*** Load is measured at 15.8 in from the attachment coupling plate.

AVANT[®] 400

Low operating weight, uncomplicated and economical

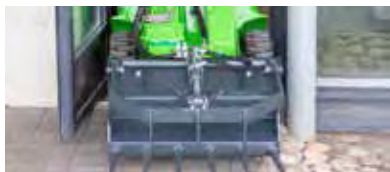
- ✓ Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- ✓ Auxiliary hydraulics oil flow, 9 gal/min

Standard specification

- ✓ Telescopic boom
- ✓ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✓ Multi connector system for hydraulic attachments
- ✓ Hydraulic oil cooler
- ✓ Certified ROPS safety frame + FOPS canopy
- ✓ 2 front LED work lights (1000 lumen)
- ✓ Hydrostatic 4WD
- ✓ Standard tires 23x8.50-12 Tractor or Grass profile
- ✓ Suspension seat with arm rests (no heater)
- ✓ 5.3 gal fuel tank

Options

- ✓ Cab L: windscreen with wiper and washer, right side and rear
- ✓ Anti slip valve
- ✓ LED work light kit: 2 front, 1 rear
- ✓ Road traffic kit
- ✓ Auxiliary hydraulics outlet in the rear
- ✓ Opticontrol attachment control system for attachments with electric and hydraulic functions
- ✓ Narrow spec of 36.7 inches with 5.70-12 tires
- ✓ Extra counterweights



Width with 5.70-12 tires 36.7 in



86.4 in



2380 lb



108 in



1210 lb



**22 hp
Diesel**



0-7.5 MPH

Specifications



Machine width

| Wheel size | Profile | Width |
|-----------------|-------------|---------|
| 5.70-12 | TR | 36.7 in |
| 23 x 8.50 - 12 | TR or grass | 41.3 in |
| 23 x 10.50 - 12 | TR or grass | 43.1 in |

| Model | AVANT 423 |
|--|-------------------------|
| Length | 86.4 in |
| Width | 36.7 - 43.1 in |
| Height | 78 in |
| Weight | 2380 lb |
| Standard wheels | 23x8.50-12" TR or grass |
| Transmission, drive | hydrostatic |
| Pulling force | 1500 lbf |
| Drive speed (max.) | 7.5 MPH |
| Auxiliary hydraulics oil flow / pressure | 9.0 gal/min 2680 PSI |
| Hydraulic oil cooler | Standard |
| Turning radius inside/outside* | 34.6 / 77.6 in |
| Tipping load** | 1210 lb |
| Max. breakout force | 1430 lbf |
| Engine make and type | Kubota D902 |
| Engine output | 22 hp |
| Maximum torque | 41 lbf-ft @ 2200 rpm |
| Fuel | Diesel |
| Product no: | M423 |

* Turning radius with Standard tires

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 500

Excellent choice with robust and simple hydraulics

Avant 523

- ✓ Equipped with Kubota 22 hp diesel engine – more horsepower and torque especially on low revs
- ✓ Higher auxiliary hydraulics oil flow, 9.0 gal/min

Avant 528/530

- ✓ Kubota 25 hp diesel engine
- ✓ Auxiliary hydraulics oil flow, 9.5 gal/min
- ✓ 528 max speed 7.5 mph
- ✓ 530 dual speed 12 mph max
- ✓ Cab GT available as an option

Standard specification

- ✓ Strong piston type Poclain drive motors
- ✓ Telescopic boom
- ✓ Joystick 6 functions: auxiliary hydraulics control with buttons on joystick
- ✓ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✓ Multi connector system for hydraulic attachments
- ✓ Hydraulic oil cooler
- ✓ Certified ROPS safety frame + FOPS canopy
- ✓ 2 front LED work lights (1000 lumen)
- ✓ Hydrostatic 4WD
- ✓ Standard tires 23x10.50-12 Tractor or Grass profile
- ✓ Suspension seat with arm rests (no heater)
- ✓ Integrated back weight 350 lb (523) / 375 lb (528, 530)
- ✓ Fuel tank size 7.9 gal
- ✓ 9.5 gal hydraulic oil tank
- ✓ Multi function display instead of separate gauges, with information on engine revs, working hours, auxiliary hydraulics oil flow, temperatures etc.



96.1 – 102.8 in



3020–3220 lb



110 in



1750–2100 lb



**22–25 hp
Diesel**



0–12 MPH

Specifications



Height with cab

| Wheel size | 26x12.00-12 320/60-12* | 27x8.50-15 |
|---------------------|---------------------------|------------|
| Cab L | 80.1 in | 80.6 in |
| Cab GT (530,528) | 81.1 in | 82.3 in |

* With 23" wheels machine is 0.6 in lower

Machine width

| Wheel size | Profile | Width |
|---------------------|-------------|---------------------|
| 27 x 8.50 - 15* | TR | 40.6 in/ 44.6 in |
| 23 x 8.50 - 12 | TR or grass | 42.5 in |
| 23 x 10.50 - 12 | TR or grass | 44.5 in |
| 26 x 12.00 - 12* | TR or grass | 50.8 in |
| 320/60-12 HD* | TR | 50.8 in |
| 26,5 x 14.00 - 12** | grass | 55.9 in |

** Requires 1.6 in spacers on the wheel hubs

| Model | AVANT 523 | AVANT 528 | AVANT 530 |
|--|--------------------------|--------------------------|--------------------------|
| Length | 96.4 in | 102.8 in | 102.8 in |
| Width (with 23x10.50-12 wheels) | 44.5 in | 44.9 in | 44.9 in |
| Height | 78.2 in | 78.2 in | 78.2 in |
| Weight | 3020 lb | 3130 lb | 3220 lb |
| Standard wheels | 23x10.50-12" TR or grass | 23x10.50-12" TR or grass | 23x10.50-12" TR or grass |
| Transmission, drive | hydrostatic | hydrostatic | hydrostatic |
| Pulling force | 1985 lbf | 2100 lbf | 2315 lbf |
| Drive speed (max.) | 7.5 MPH | 7.5 MPH | 12 MPH |
| Auxiliary hydraulics oil flow / pressure | 9.0 gal/min 2680 PSI | 9.5 gal/min 2900 PSI | 9.5 gal/min 2900 PSI |
| Hydraulic oil cooler | Standard | Standard | Standard |
| Turning radius inside/outside* | 39.2 / 80.7 in | 39.2 / 80.7 in | 39.2 / 80.7 in |
| Max. lifting height | 110 in | 110 in | 110 in |
| Tipping load** | 1750 lb | 2100 lb | 2100 lb |
| Max. breakout force | 2425 lb | 2800 lb | 2800 lb |
| Engine make and type | Kubota D902 | Kubota D1105 | Kubota D1105 |
| Engine output | 22 hp | 25 hp | 25 hp |
| Maximum torque | 41 lbf-ft @ 2200 rpm | 53 lbf-ft @ 2200 rpm | 53 lbf-ft @ 2200 rpm |
| Fuel | Diesel | Diesel | Diesel |
| Product no: | M523 | M528 | M530 |

* Turning radius with 23x10.50-12 wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 600

New super compact loaders with high output

AVANT 635i/640i

- ✔ Naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier
- ✔ Compliant with all emission standards worldwide (EU Stage V, US Tier 4 Final etc.) – doesn't need diesel particulate filter (DPF)
- ✔ High low-end torque: 66 lbf-ft @ 1800 rpm
- ✔ High-flow auxiliary hydraulics, max. 17.4 gal/min with 2 pumps
- ✔ Low own weight: easy to transport, very gentle on the turf

AVANT 645i/650i

- ✔ Most compact over 26 hp Stage V / Tier 4 final loader in the market
- ✔ High-flow auxiliary hydraulics, max. 19.8 gal/min with 2 pumps - can run practically any Avant attachment
- ✔ Turbocharged Kubota V1505CRT common rail diesel engine complies with US Tier 4 final emission regulations, equipped with diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) integrated in the same housing

Standard specification

- ✔ Telescopic boom, boom self leveling, boom floating, joystick 8 functions
- ✔ **OPTIDRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✔ Strong piston type Poclain drive motors
- ✔ Multi connector system for hydraulic attachments
- ✔ Fast ground speed, max 14.3 MPH (640i/650i with 2-speed drive motors)
- ✔ Hydrostatic 4WD, drive release valve, hydraulic parking brake
- ✔ ROPS/FOPS (open cab) as standard, L cab and GT cab available as an option
- ✔ 2 front LED work lights (1000 lumen)
- ✔ Standard tyres 26x12-12 Traction or Grass profile, bigger tire option 320/55-15 available
- ✔ Full suspension heated seat with seat belt & hand rests
- ✔ Large 10.6 gal fuel tank
- ✔ Integrated back weight 375 lb
- ✔ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.



102.8 in



3460–3590 lb



112 in



2620 lb



**25 – 44 hp
diesel**



0 – 14.3 MPH

Specifications



Height with cab

| Wheel size | 26x12.00-12 320/60-12* | 320-55/15 |
|------------|---------------------------|-----------|
| Cab GT | 81.1 in | 82.3 in |

* With 23" wheels machine is 0.6 in lower

Machine width

| Wheel size | Profile | Width |
|---------------------|-------------|---------------------|
| 27 x 8.50 - 15* | TR | 40.6 in/ 44.6 in |
| 23 x 8.50 - 12 | TR or grass | 42.5 in |
| 23 x 10.50 - 12 | TR or grass | 44.5 in |
| 26 x 12.00 - 12 | TR or grass | 50.8 in |
| 320/60-12 HD | TR | 50.8 in |
| 320/55-15 | TR or grass | 51.4 in |
| 26,5 x 14.00 - 12** | grass | 55.9 in |

* Bigger wheels will increase total machine height by 0.5 in

** Requires 1.6 in spacers on the wheel hubs

| Model | AVANT 635i | AVANT 640i | AVANT 645i | AVANT 650i |
|----------------------------------|--|-----------------------|--|-----------------------|
| Length | 102.8 in | 102.8 in | 102.8 in | 102.8 in |
| Width (standard tires) | 50.8 in | 50.8 in | 50.8 in | 50.8 in |
| Height | 80.1 in | 80.1 in | 80.1 in | 80.1 in |
| Weight, starting from | 3460 lb | 3480 lb | 3570 lb | 3590 lb |
| Standard tires | 26x12.00-12"Grass / TR | | 26x12.00-12"Grass / TR | |
| Transmission | hydrostatic Avant Optidrive® | | hydrostatic Avant Optidrive® | |
| Pulling force | 2200 lbf | 2200 lbf | 3100 lbf | 3100 lbf |
| Drive speed | 7.5 MPH | 14.3 MPH | 7.5 MPH | 14.3 MPH |
| Auxiliary hydraulics | 17.4 gal/min 2900 PSI | 17.4 gal/min 2900 PSI | 19.8 gal/min 2900 PSI | 19.8 gal/min 2900 PSI |
| Turning radius (inside/outside)* | 35.4 / 97.2 in | 35.4 / 97.2 in | 35.4 / 97.2 in | 35.4 / 97.2 in |
| Lifting height | 112 in | 112 in | 112 in | 112 in |
| Tipping load** | 2620 lb | 2620 lb | 2620 lb | 2620 lb |
| Max. breakout force at 20 in | 2760 lbf | 2760 lbf | 2760 lbf | 2760 lbf |
| Engine make and type | Kohler KSD 1403NA Tier 4 Final, 3-cyl. | | Kubota V1505-CR-TE5 Tier 4 Final, 4-cyl. | |
| Engine output | 25 hp | | 44 hp | |
| Maximum torque | 66 lbf-ft @ 1800 rpm | | 87 lbf-ft @ 2000 rpm | |
| Fuel | Diesel | | Diesel | |
| Product no: | M635i | M640i | M645 | M650 |

* Turning radius with 26x12.00-12 wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 700

Outstanding handling capacity

Avant 700 benefits over 600 series

- ✓ More lift capacity and handling power
- ✓ Stronger boom construction
- ✓ More oil flow for attachments, max. 21.1 gal/min
- ✓ Greater lifting height, up to 122 in
- ✓ Avant 755i and 760i with Kohler KDI 1903 TCR turbocharged common rail diesel engine complies with Tier 4 Final emission regulations without need for diesel exhaust fluid (DEF) or active regeneration of the particulate filter (DPF)

NEW

- ✓ AVANT 735i with naturally aspirated Kohler KSD 1403NA 26 hp common rail diesel engine with electronically controlled indirect injection with exhaust purifier

Standard specification

- ✓ Telescopic boom, boom Float design
- ✓ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✓ Strong piston type Poclain drive motors on all models
- ✓ Multi connector system for hydraulic attachments
- ✓ 8 function joystick
- ✓ Drive release valve
- ✓ Hydraulic parking brake
- ✓ Certified ROPS safety frame + FOPS canopy
- ✓ 2 front head lights (1000 lumens)
- ✓ Hydrostatic 4WD
- ✓ Avant 760i with dual speed up to 16.2 mph, Avant 755i with single speed up to 10.6 mph
- ✓ Standard tires: Avant 760i 10-stud 400/50-15 grass or TR profile, Avant 735i/755i 5-stud 320/60-12 TR or 26x12.00-12 grass profile
- ✓ Full suspension heated seat with seat belt & arm rests
- ✓ Integrated back weight 375 lb
- ✓ 10 gal hydraulic oil tank
- ✓ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.
- ✓ Large fuel tank 16.6 gal



120.9 in



3990-4640 lb



122 in



3810 lb



**26-56 hp
Diesel**



0-16.2 MPH

Specifications

AVANT[®] 700



Height with cab

| Wheel size | 26x12.00-12 320/60-12 | 320-55/15* |
|------------|--------------------------|------------|
| Cab L | 81.1 in | 82.4 in |
| Cab GT | 83.5 in | 84.6 in |

* With 400/50-15 machine is 1.2 in higher

Machine width

| Wheel size | Profile | Machine width | |
|--------------|-------------|---------------------|---------|
| | | 735i/755i | 760i |
| 27x8.50-15 | TR | 40.6 in/ 44.6 in | 42.5 in |
| 26x12.00-12 | TR or grass | 50.8 in | 53.1 in |
| 320/60-12 HD | TR | 50.8 in | 53.1 in |
| 320/55-15 | TR or grass | 51.4 in | 53.5 in |
| 400/50-15 | TR or grass | - | 57.1 in |

| Model | AVANT 735i | AVANT 755i | AVANT 760i |
|----------------------------------|--|--|-----------------------|
| Length | 120.9 in | 120.9 in | 120.9 in |
| Width (standard tires) | 51 in | 51 in | 57.1 in |
| Height | 82.3 in | 82.3 in | 84.3 in |
| Weight, starting from | 3990 lb | 4420 lb | 4640 lb |
| Standard tires | 26/12.00-12 Grass 320/60-12 Tractor | 26/12.00-12 Grass 320/60-12 Tractor | 400/50-15 TR or grass |
| Transmission | Hydrostatic | Hydrostatic | Hydrostatic |
| Pulling force | 2200 lbf | 2690 lbf | 2930 lbf |
| Drive speed | 7.5 MPH | 10.0 mph | 16.2 mph |
| Auxiliary hydraulics | 13.2 gal/min 2900 PSI | 21.1 gal/min 3260 PSI | 21.1 gal/min 3260 PSI |
| Turning radius (inside/outside)* | 49.2 / 105.3 in | 49.2 / 105.3 in | 49.2 / 105.3 in |
| Lifting height | 122.0 in | 122.0 in | 122.0 in |
| Tipping load** | 3810 lb | 3810 lb | 3810 lb |
| Max. breakout force at 20 in | 3750 lbf | 3750 lbf | 3750 lbf |
| Engine make and type | Kohler KSD 1403NA, 3-cyl. | Kohler KDI 1903 TCR | Kohler KDI 1903 TCR |
| Engine output | 26 hp | 56 hp | 56 hp |
| Maximum torque | 66 lbf-ft @ 1800 rpm | 166 lbf-ft @ 1500 rpm | 166 lbf-ft @ 1500 rpm |
| Fuel | Diesel | Diesel | Diesel |
| Product no: | M735i | M755 | M760 |

* With standard wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.

AVANT[®] 800



Avant's largest and most powerful model

- ✓ Handling capacity up to 4190 lb
- ✓ Strong boom construction with two tilt cylinders
- ✓ Lifting height 137.8 in to hinge pin
- ✓ Oil flow for attachments max. 21.1 gal/min, twin pump
- ✓ Cab with air conditioning available
- ✓ Air suspension seat for cab available
- ✓ Big 17" wheels as standard
- ✓ Avant quick attach system as standard
- ✓ Kohler KDI 1903 TCR turbocharged common rail diesel engine complies with Tier 4 Final emission regulations without need for diesel exhaust fluid (DEF) or active regeneration of the particulate filter (DPF)

Standard specification

- ✓ Telescopic boom, boom self levelling, boom floating
- ✓ **OPTIBRIVE[®]** drive system - more power to drive and to attachment hydraulics
- ✓ Strong piston type Poclain drive motors on all models
- ✓ Dual speeds available (860i)
- ✓ Hydrostatic 4WD
- ✓ Multi connector system for hydraulic attachments
- ✓ Joystick 8 functions
- ✓ Drive release valve
- ✓ Hydraulic parking brake
- ✓ Certified ROPS safety frame + FOPS canopy
- ✓ 2 front LED work lights (1000 lumen)
- ✓ 10-stud wheel hub, standard tires 380/55-17" Tractor
- ✓ Full suspension heated seat with seat belt & hand rests
- ✓ Integrated back weight 600 lb
- ✓ Fast travel speed: 18.6 mph (860i)
- ✓ Multi function display instead of separate gauges, with information on engine revs, working hours, fuel consumption (g/h), auxiliary hydraulics oil flow, temperatures etc.
- ✓ Large fuel tank 16.6 gal



133.7 in



5490-5600 lb



138 in



4190 lb



**56 hp
Diesel**



0-18.6 MPH

Specifications

AVANT[®]
800



Height

| | |
|------------|----------------|
| Wheel size | 380/55 - 17 TR |
| ROPS | 86.6 in |
| Cab GT | 87.8 in |

| Model | AVANT 855i | AVANT 860i |
|--------------------------------|------------------------|------------------------|
| Length | 133.7 in | 133.7 in |
| Width (with standard wheels) | 58.7 in | 58.7 in |
| Height (with standard wheels) | 86.6 in | 86.6 in |
| Weight | 5490 lb | 5600 lb |
| Standard wheels | 380/55-17" TR or grass | 380/55-17" TR or grass |
| Transmission, drive | hydrostatic | hydrostatic |
| Pulling force max. | 3450 lbf | 3860 lbf |
| Drive speed max. | 9.3 mph | 18.6 mph |
| Auxiliary hydraulics | 21.1 gal/min 3260 PSI | 21.1 gal/min 3260 PSI |
| Turning radius inside/outside* | 53.9 in / 117.7 in | 53.9 in / 117.7 in |
| Lifting height to pivot point | 137.8 in | 137.8 in |
| Max. tipping load** | 4190 lb | 4190 lb |
| Max. breakout force / 50 cm | 4850 lb | 4850 lb |
| Engine make and type | Kohler KDI 1903 TCR | Kohler KDI 1903 TCR |
| Engine output | 56 hp | 56 hp |
| Maximum torque | 166 lbf-ft @ 1500 rpm | 166 lbf-ft @ 1500 rpm |
| Fuel | diesel | diesel |
| Product no: | M855 | M860 |

* With standard wheels

** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.



The full electric battery powered Avant

- ✓ Battery driven, 100% full electric
- ✓ No exhaust emissions, very low noise, on-board 3 kW battery charger
- ✓ Equipped with Avant OptiTemp® lithium-ion battery with high energy density
- ✓ Battery developed and manufactured by Avant Power in Ylöjärvi, Finland
- ✓ Top notch safety: multi-layer protection for the battery thanks to OptiTemp® technology and design of the battery
- ✓ Operating time in medium duty loading work as high as 6 hours with the 27 kWh battery (depending on conditions)

Standard specification

- ✓ On-board 3 kW battery charger
- ✓ Transmission: hydrostatic 4WD, strong piston type Poclain hydraulic drive motors
- ✓ Avant Optidrive® drive system – more power to drive and to attachment hydraulics
- ✓ Two electric motors: one for the hydrostatic transmission and one for the auxiliary hydraulics and other hydraulic functions
- ✓ Auxiliary hydraulics oil flow max. 7.9 gal/min
- ✓ Telescopic boom
- ✓ Hydraulic oil cooler, hydraulic parking brake, drive release valve
- ✓ Suspension seat with armrests and seat belt
- ✓ Certified ROPS safety frame + FOPS canopy, rear guard
- ✓ 2 LED front lights (1000 lumen)
- ✓ Multi connector system for hydraulic attachments
- ✓ 23x10.50-12 tractor profile tyres
- ✓ Multi-function display



- ✓ Type 1 charging inlet on loader



120.9 in



3310 lb



110 in



2000 lb



27 kWh



0-6.2 MPH

Specifications



Machine width

| Wheel size | Profile | Width |
|---------------------|-------------|---------------------|
| 27 x 8.50 - 15* | TR | 40.6 in/ 44.6 in |
| 23 x 8.50 - 12 | TR or grass | 42.5 in |
| 23 x 10.50 - 12 | TR or grass | 44.5 in |
| 26 x 12.00 - 12* | TR or grass | 50.8 in |
| 320/60-12 HD* | TR | 50.8 in |
| 26,5 x 14.00 - 12** | grass | 55.9 in |

** Requires 1.6 in spacers on the wheel hubs

| Model | Avant e527 |
|---------------------------------|------------------------------|
| Length | 102.8 in |
| Width | 44.9 in |
| Height | 78.2 in |
| Weight | 3310 lb |
| Standard wheels | 23x10.50-12" TR |
| Transmission, drive | hydrostatic Avant Optidrive® |
| Drive speed* | 6.2 MPH |
| Auxiliary hydraulics | 7.9 gal/min/2680 PSI |
| Hydraulic oil cooler | standard |
| Turning radius inside / outside | 39.2 / 80.7 in |
| Lift height | 110 in |
| Max. tipping load** | 2000 lb |
| Max. breakout force / 50 cm | 2400 lb |
| Battery type | Avant OptiTemp®, lithium-ion |
| Capacity | 27 kWh |
| Lithium ion battery voltage | 44 V |
| Fuel | electric |
| Operating time*** | 6 hours |
| Product no: | ME527 |

* 15" wheels

** with 400 lbs rear side weights

*** In medium duty loading work; no hydraulic attachments used.

Multi-function display

500, 600, 700, 800 and e series

The multi function display is standard on all new 500, 600, 700, 800, and e series loaders. This display compiles the information on the individual gauges, in addition to general and model specific information about the loader. Additional information can be selected with buttons on the display.



Diesel powered loaders



Battery powered loaders

Basic display view

This view is automatically shown when the loader is started.

- Ambient temperature can be displayed in Fahrenheit or Celsius
- Total operating hours, current time, selected drive speed range, engine RPM
- Message area: instead of information listed above
- Auxiliary hydraulics pump selection switch position
- Current output of auxiliary hydraulics in litres or gallons per minute
- Hydraulic oil temperature

Diesel powered loaders:

- Current fuel consumption in litres or gallons per hour (on models with electronically controlled engine 635i/640i/645i/650i/735i/755i/760i/860i)
- Load sensor information, fuel level
- Information about selected display page and DPF controls (645i/650i/755i/760i/860i)
- Auxiliary hydraulics pump selection switch position

Battery powered loaders:

- Momentary power consumption
- Battery charge status

Tire options, on a new machine



1



2



3



4



5



6

| Size | Tread | Product no: | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------------------|----------|---------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 20 x 8.00 - 10 | 1, TR | MW20810T | ⊕ | ⊕ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 20 x 8.00 - 10 | 4, Grass | MW20810G | ⊕ | ⊕ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 5.70-12 | 2, TR | MW5.5712T | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 8.50-12 | 2, TR | MW5.238512T | ✗ | ✗ | ⊕ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 23 x 8.50-12 | 4, Grass | MW5.238512G | ✗ | ✗ | ⊕ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 23 x 10.50-12 | 3, TR | MW5.2310512T | ✗ | ✗ | ✓ | ⊕ | ⊕ | ⊕ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ⊕ |
| 23 x 10.50-12 | 4, Grass | MW5.2310512G | ✗ | ✗ | ✓ | ⊕ | ⊕ | ⊕ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ⊕ |
| 26 x 12.00-12 | 3, TR | MW10.261212T | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ⊕ | ⊕ | ⊕ | ⊕ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 26 x 12.00-12 | 4, Grass | MW10.261212G | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ⊕ | ⊕ | ⊕ | ⊕ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ |
| 320/60 - 12 HD | 3, TR | MW10.3206012T | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ⊕ | ⊕ | ✓ | ✗ | ✗ | ✓ |
| 27 x 8.50-15 | 2, TR | MW10.278515T | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |
| 26.5 x 14.00-12* | 5, Grass | MW10.2651412G | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 320/55-15 HD | 3, TR | MW10.3205515T | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| 320/55-15 HD | 6, Grass | MW10.3205515G | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| 400/50-15 | 3, TR | MW10.4005015T | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ⊕ | ✗ | ✗ | ✗ |
| 400/50-15 | 4, Grass | MW10.4005015G | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ |
| 380/55-17 | 3, TR | MW10.3805517T | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ⊕ | ⊕ | ✗ |
| 380/55-17 | 4, Grass | MW10.3805517G | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ |

220 225 423 523 528 530 635i 640i 645i 650i 735i 755i 760i 855i 860i e527



* Requires 4 pcs A417486 1.5 in spacers

Spacer kit, 4 pcs

A418958



Standard



Option



Not available

Options, for a new machine



Telescopic boom

The telescopic boom gives more outreach and lifting height, which helps with loading and reaching. It is also easy to adjust the distance between the front wheels and the attachment with the telescopic boom, and you can also push the loader with the teleboom if necessary. Depending on model, telescopic boom gives 15.7-27.6 in more outreach, and the extra lifting height is about 15.7 in.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |



Boom self levelling

The self levelling system keeps the position of the attachment the same in relation to the ground, regardless of the position of the boom. Self levelling is hydraulic: there is a levelling cylinder on the left side of the boom which follows the movements of the bucket tilt cylinder and keeps the attachment level. Self levelling is disabled when boom floating is switched on.

The Avant 200 series is equipped with a self levelling boom as standard. The self levelling system is mechanical.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ⊕ | ⊕ | ✗ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |



Boom floating, machine without self levelling

The boom float system releases the lift cylinder so that the boom moves freely upwards from the position where it is when boom floating is switched on, allowing the attachment to follow the contours of the ground.

400 series

A458605

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

⊕ Standard

✓ Option

✗ Not available



Boom floating, machine with self levelling

The boom float can also be installed on machines with boom self levelling. The boom floating valve bypasses boom self levelling, which means that boom self levelling doesn't work when boom floating is switched on.

200 series A421697 500-, e series A455803

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ✓ |



Smooth drive (boom suspension)

Smooth drive is a shock absorber system for the boom. When driving at high speed with a heavy load or heavy attachment the boom starts to move up and down, making driving bumpy. Smooth drive consists of an accumulator which absorbs and eliminates boom movements and makes driving considerably smoother and more stable. Smooth drive requires boom self levelling and boom floating on the loader.

500 series A455808 800 series A458422
600-700 series A445633

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Hydraulic attachment coupling plate

The hydraulic attachment coupling plate enables coupling and disconnecting of the attachment from driver's seat. There is a hydraulic cylinder on the attachment coupling plate which moves the locking pins up and down.

500-600, e series A450469
700 series A450470
800 series A460242

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Joystick 6 functions

On the 6 function joystick the operation of auxiliary hydraulics (hydraulically driven attachments) happens with two buttons on the joystick. This makes work faster and more comfortable, because you don't need to move your hand from the joystick to the auxiliary hydraulics control lever when operating the attachment, and you can also lift the boom and tilt the attachment at the same time if necessary.

200 series

A36785

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ⊖ | ⊖ | ⊖ | ⊖ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ⊖ |



Joystick 8 functions

On the 8 function joystick both the auxiliary hydraulics and the telescopic boom can be controlled with the switches on the joystick. This speeds up both loading and working with hydraulic attachments.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ⊖ | ✗ |



Opticontrol®

Opticontrol® makes it possible to operate both the electric and the hydraulic functions of the attachment with the rocker switches on the control switch pack. This requires the 6 or 8 function joystick on the loader. Opticontrol® speeds up the operation of attachments which have two or more hydraulic functions and an electric solenoid valve for selecting those functions. It consists of the control switch pack which mounts on the boom control lever and a selector switch which mounts on the dashboard of the loader.

When the switch is in OFF position, electric functions of the attachment (e.g. electric turning of the rotary broom, electric water spraying pump of collecting broom, electric selector valve etc.) are controlled with the rocker switches on the control switch pack. When the switch is in ON position, all hydraulic functions of the attachment are controlled with the rocker switches on the control switch pack (e.g. hydraulic rotator and hydraulic cylinder of the timber grab, independent operation of the wings of the flipper bucket & snow plows, functions on the mounting kit for stone installation clamp etc.). This means the operator can keep the hand on the joystick and control all functions of the attachment smoothly and comfortably. If the loader is not equipped with the 6/8 function joystick, only the electric functions of the attachment are operated with the switches on the control switch pack. Opticontrol® can also be retrofitted on a machine already equipped with the control switch pack.

200 series

A36880

500 - 700, e series

A454145

400 series

A36878

800 series

A454220

Opticontrol® retrofit kit, for loaders with attachment control switch pack A437338

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Adapter cable for attachment control switch pack

Avant loaders manufactured before 2016, where the socket of the attachment control switch pack is not on the multi connector can be retrofitted with an adapter cable. It mounts on the multi connector, and the electric wire from the attachments control switch pack is connected to this adapter cable. The attachment can also be retrofitted with a corresponding adapter cable if necessary. With this updated adapter cable both the electric wire and the hydraulic hoses are connected at the same time with the multi connector.

Adapter cable

A36869

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Adapter plug 12V

Adapter plug to 12V outlet, mounts both on the smaller 12V outlet on 400-800 series and on the bigger outlet on 200 series 2. You can connect the electric wires of any 12V electric appliance (for instance a battery charger) to this adapter. Requires therefore some electrician skills.

Adapter plug 12V

66286

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Auxiliary hydraulics outlet in the rear, double acting

Double acting rear hydraulics is equipped with pressure and return line (on 400-800, e-series also with tank line), and it makes it possible to operate rear mounted hydraulic attachments like tipping trailer, sand spreader etc.

| | |
|-------------|---------|
| 200 series* | A36871 |
| 400 series | A34632 |
| 500 series | A455809 |
| 600 series | A449939 |
| 700 series | A450467 |
| 800 series | A434872 |
| e series | A459420 |

* Not with hand drive

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Control switch pack for rear mounted attachments

Electric functions of rear mounted attachments can be controlled with this control switch pack. It is necessary, for instance, for operating the 700 and 800 series hydraulic rear lift A427547/ A438490 and the attachment mounted on it (e.g. the electric salt spreader and the hydraulic sand spreaders 1000 & 1250). Other applications: operation of the electric water pump on the A37065 water spraying system of the horse arena harrow, and A37301 electric spreading adjustment of the centrifugal sand/salt spreader. The switch pack is equipped with a strong magnet and can be fastened in a suitable place in the cockpit, for instance on the dashboard. The electric socket is mounted in the rear of the loader.

500-800 series A453712

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Second auxiliary hydraulics outlet in the front

In addition to the standard auxiliary hydraulics outlet in the front, equipped with multi connector, the loader can be equipped with an extra double acting outlet. It is double acting (pressure-return) and equipped with conventional quick couplers. If the extra front outlet is installed, rear auxiliary hydraulics outlet is not possible, and vice versa.

| | | | |
|----------------|---------|------------|---------|
| 400 series | A35504 | 700 series | A450468 |
| 500-, e series | A35884 | 800 series | A460247 |
| 600 series | A449940 | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Drive release valve

The drive release valve diverts the oil flow between the left and right side hydraulic drive motors, and this has an effect on the pulling force. When the valve is open the hydraulic oil flows in series from motor to motor. The wheels roll freely and the loader leaves less tire marks on soft and sensitive surfaces. When the valve is closed, the hydraulic oil flows in parallel between the hydraulic motors on each side, similar to a differential lock in operation. This improves traction and towing capacity of the loader.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |



Anti slip valve

The anti slip valve positively diverts oil flow between the right and left side hydraulic drive motors (forces the oil to flow to both right and left side drive motors) and improves traction on slippery and uneven surfaces. The function of the anti slip valve depends also on the drive release valve: when the drive release valve is closed the anti slip valve diverts oil flow to the drive motors on all four wheels. When the drive release valve is open the anti slip valve diverts the oil flow between the front wheels only.

| | |
|----------------|---------|
| 200 series | A49548 |
| 400 series | A34753 |
| 500-600 series | A454838 |
| 700-800 series | A455810 |
| e series | A444989 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear guard

The rear guard protects the rear and the radiator of the engine. It mounts with four bolts and is easy to install and take off. The rear guard is equipped with tie down points and allows mounting of back weights and/or trailer coupling at the same time.

| | |
|----------------|---------|
| 400-600 series | A454760 |
| 700-800 series | A455901 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Ⓟ |



Back weight

The extra 64 lbs counterweight mounts on the rear bumper. It is equipped with handle and fastening hooks, so it is easy to just drop the weight on the bumper, and also to connect the weights on each other. Trailer couplings A417323 and A417337 can also be mounted on the weight. Only three back weights permitted.

| | |
|-------------|--------|
| Back weight | A35957 |
|-------------|--------|

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Rear side weights 176 lbs

Rear side weights mount behind the rear wheels. They are delivered as a pair: one on the left and one on the right side. Weight of the kit is 176 lbs, and it is intended mainly for 400 series, but can be mounted on bigger Avants as well.

Rear side weights 176 lbs A36401

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear side weights 400 lbs

Rear side weights mount behind the rear wheels. They are delivered as a pair: one on the left and one on the right side. Weight of the kit is 400 lbs.

Rear side weights 400 lbs A49063

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Wheel weight

The Avant 200 series can be equipped with 31 lb wheel weights which mount on the rim with special bolts. They make the center of gravity of the machine lower and add weight, which improves the stability of the loader. Sold as set of four wheel weights.

200 series A46584

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |



Standard



Option



Not available



Attachment mounting plate in the rear

The attachment mounting plate in the rear is mainly intended for mounting the sand spreaders in the rear of the machine. On 700 and 800 series also the centrifugal spreader can be mounted on it. The plate is a rigid vertical plate which doesn't tilt.

The mounting plate for 528/530 and 600 series is equipped with two bolts for fastening the attachment whereas the 700 & 800 series plate is fitted with the Avant quick attach system and also with hydraulic quick couplers and hydraulic hoses in case the hoses of the attachment are not long enough to reach the optional rear auxiliary hydraulics outlet on the loader.

When mounting hydraulic attachments, the loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.

| | |
|----------------------|---------|
| 528, 530, 600 series | A455026 |
| 700 series | A441613 |
| 800 series | A441666 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Hydraulic rear lift

This hydraulic rear lift mounts on Avant 700 and 800 series only. It is mainly intended for the sand/salt spreaders.

The rear lift can be tilted down max. 95°, which means that the sand spreader can be tilted down to horizontal position and filled directly from the sand pile by reversing with the machine. The rear lift requires the optional double acting rear auxiliary hydraulics outlet and the control switch pack for rear mounted attachments on the loader. Selection between operation of rear lift / attachment is made with the switch pack, and the rear lift/attachment is operated with auxiliary hydraulics control lever (or buttons on the joystick, if fitted). Hydraulic cylinders are equipped with check valves which make sure that the rear lift cannot move inadvertently.

| | |
|------------|---------|
| 700 series | A427547 |
| 800 series | A438490 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Standard



Option



Not available



Trailer coupling

There are two types of trailer couplings available: a 2 inch ball hitch and a 2 inch ball hitch with towing pin. Both can be mounted either directly on the rear bumper or on the extra back weight. The Avant 200 series is equipped with a 2 inch ball hitch as standard.

Ball hitch A417323

Ball hitch with towing pin A417337

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| Ⓟ | Ⓟ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Receiver hitch

Rear/front mounted 2 inch receiver hitch.

Rear:

400-800 series A438011

Front:

400-800 series A443494

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Snow chains

Snow chains are available for different tire sizes. They give excellent grip on slippery snowy and icy surfaces. Can be mounted on all four wheels or just on the front or rear axle. Delivered in a bag which includes 2 pcs chains.



SD



HD

| | |
|--|---------|
| 5x10 TR, pair SD | 64055 |
| 20x8.00-10, pair SD (for 200 series rear wheels) | 64454 |
| 23x8.50-12, pair SD | 64746 |
| 23x8.50-12, pair HD | 64455 |
| 23x10.50-12, pair HD | 64745 |
| 26x12.00-12, pair HD | 64973 |
| 320/60-12, pair HD | 65603 |
| 320/55-15, pair HD | 65722 |
| 27x8.50-15, pair SD | 65723 |
| 380/55-17, pair HD | A445685 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Ⓟ |



Standard



Option



Not available



Work light kit, on ROPS frame

The work light kit consists of three LED lights: 2 to the front, 1 to the rear. Two types of LED lights available: 700 lumen or 2500 lumen.

| | |
|---|---------|
| 200 series, 700 lumen | A36866 |
| 400 series, 700 lumen | A33916 |
| 400 series, 2500 lumen | A34917 |
| 500 - 800, e series, 700 lumen | A438520 |
| 500 - 800, e series, 2500 lumen | A438521 |
| Work light kit with red lights (for beekeepers) | |
| 400 - 800, e series, 400 lumen | A432730 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Extra 12V power kit, e series

The Avant e527 is equipped with a 44 V electric system; in addition there is a 12 V power supply which feeds electricity e.g. to the standard 12 V front lights and the optional work light kits and which is operational only when the electric system of the loader is activated with the ignition switch. There are however some options for e series which require constant 12 V electric current: for instance the emergency blinkers in the road traffic light kit must function also when the electric system is deactivated. For this there is an extra 12 V power kit available as an option for e series. It consists of a 12 V/2.9 Ah battery and a 12 V power supply. The power supply takes care of the normal 12 V current needs and the battery is needed to supply power for short peak currents (e.g. when several 12 V appliances are activated at the same time) and constant current to the road traffic light kit. The extra power kit is necessary with the road traffic light kit, and it is recommended also when e series is fitted with attachments which are equipped with a 12 V electric device, e.g. an electric actuator.

Extra 12V power kit

A459419

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |



Trailer socket, 7-pin

The 7-pin trailer socket mounts on the rear bumper of the loader. It is available only with the road traffic light kit. Trailer socket standards vary in different countries, please consult your local Avant distributor.

| | |
|----------------|---------|
| 400 series | A48690 |
| 500-600 series | A466165 |
| 700-800 series | A418817 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Vehicle identification

Vehicle identification number (VIN) or Loader serial no. stamped on loader chassis

VIN T0035
Loader serial T0036

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |



Road traffic light kit

The road traffic light kit consists of headlamps, blinkers, reflectors, slow moving vehicle sign (triangle) and beacon. When mounted on the ROPS frame the road traffic light kit of 400-800 and e series also includes the rear wall. It enables road traffic registration in certain countries. Requirements vary in different countries, please consult your local Avant distributor.

| | |
|----------------|---------|
| 200 series | A36773 |
| 400 series | A34614 |
| 500-600 series | A449941 |
| 700 series | A450471 |
| 800 series | A454167 |
| e series* | A459418 |

* requires auxiliary 12V battery kit A459419 on the loader

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Beacon

The rotating warning beacon is equipped with a very bright LED lamp. It mounts on a tiltable socket and is easy to install and take off.

| | |
|------------------|---------|
| 200 series | A421008 |
| 400 series | A34002 |
| 500 - 800 series | A438530 |
| e series | A459548 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |





Cab L

The Avant cab L is an excellent and economical choice when the operator wants to have protection against rain, wind and snowfall. It improves operator comfort and working conditions considerably. The cab mounts on the standard ROPS frame, which means safety is guaranteed. It consists of windscreen (equipped with wiper and washer), right side window and rear window. Door is available for 200 series cab L.

| | |
|------------------------|---------|
| 200 series | A36681 |
| Door, cab L 200 series | A37278 |
| 400 series | A444002 |
| 500 - 700-, e series | A449937 |
| 800 series | A439264 |

Installation of the Cab L on the 500 and e series requires the 2 inch taller 600/700 ROPS frame, A33920. Cab L is a factory only option on 500-800 series.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rear wall / Front window

The rear wall / front window mounts on the ROPS frame. It gives protection against wind and light rain.

| | |
|-----------------------------------|---------|
| Rear wall 400 series | A439184 |
| Rear wall 500-700- and e series | A49446 |
| Rear wall 800 series | A439193 |
| Front window 500-700 and e series | A21676 |

Rear wall/Front window requires the 2 inch higher 600/700 series ROPS frame on 500 series, A33920.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Mudguards rear

| | |
|-----------------------|---------|
| 528, 530, 600 series* | A445950 |
| 700 - 800 series | A437518 |

Rear mudguards can also be retrofitted on 528, 530, 600 - 800 series with Tier 4 Final rear chassis.

* With 26x12.00-12 and 320/60-12HD tires

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Standard



Option



Not available



Cab GT



The GT is mounted with rubber mounts on the chassis which further reduces vibrations and noise level in the cab. Visibility to the rear wheels is better thanks to larger rear windows. The cab is equipped with heating, sound absorbing interior, windscreen washer and wiper, cab air filter and front & rear mudguards as standard (rear mudguards not fitted as standard with 23x8.50-12, 23x10.50-12 and 27x8.50-15 tires). Optional equipment include air conditioning, air suspension seat, radio, road traffic kit, work light kit, 4-light beacon (2 pcs blinking LED lights above the windscreen, 2 pcs above the rear windows) and rotating beacon.



| | |
|---|---------|
| Cab GT, 528, 530, 600 series | A449936 |
| Cab GT, 700 series | A444539 |
| Cab GT, 800 series | A436732 |
| Work light kit on cab: 2 front, 2 rear, LED 700 lumen | A438528 |
| Work light kit on cab: 2 front, 2 rear, LED 2500 lumen | A438539 |
| Road traffic light kit, 528, 530, 600 series | A449942 |
| Road traffic light kit, 700 series | A450924 |
| Road traffic light kit, 800 series | A455539 |
| A/C on cab, cooler in the rear (600, 700, 800 series) | A438326 |
| Air suspension seat (includes back rest extension) | A455692 |
| Vinyl seat, instead of standard fabric seat with full suspension | A459615 |
| Four-light beacon, on cab (2 pcs LEDs above windscreen, 2 pcs above rear windows) | A438538 |
| Rotating beacon | A438530 |
| Radio, with bluetooth | A438587 |
| Fire extinguisher 4.4 lb, dry powder, ABC class | A452921 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Standard



Option



Not available



HD cover plates

HD cover plates are made of extra shock resistant polycarbonate with great tensile strength. They can take the beating on the construction site and will even resist jumping on them. The HD covers are as shiny as the standard ABS covers.

| | |
|----------|---------|
| 423 | A425274 |
| 523 | A455813 |
| e series | A459421 |

528, 530, 600 series:

| | |
|-------------|---------|
| ROPS/ Cab L | A449946 |
| Cab GT | A449944 |

700 series:

| | |
|----------------|---------|
| ROPS and cab L | A449945 |
| Cab GT | A449943 |

800 series:

| | |
|----------------|---------|
| ROPS and cab L | A438664 |
| Cab GT | A438665 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Coated Protective Panels

Extreme abrasion, chemical, corrosion, moisture and impact resistance. Inside and outside panel lined. UV protectant. 300% Tougher than most hybrid products.

Contact Avant for proper part numbers.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Suspension seat

The vinyl suspension seat with adjustable suspension is standard equipment on 200, 400, 500 and e series. It is equipped with seat belt, left arm rest. Seat heater is not available.



Standard right armrest

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | Ⓔ |



Full suspension seat

The full suspension seat with larger suspension is standard equipment on 600, 700 and 800 series. It is equipped with seat belt, left arm rest and seat heating in the seat cushion and backrest.



Standard right armrest

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | Ⓔ | ✗ |



Fire extinguisher

Class ABC (solid non-metallic substances, fluids, gasoline, oils, flammable gases, electrical equipment) dry powder 4.4 lb fire extinguisher, available for loaders with ROPS safety frame and with cab GT. Installed in the cockpit footwell.

400-800, e series, loaders with ROPS frame A452904
500-800 series, loaders with cab GT A452921

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Ⓔ Standard ✓ Option ✗ Not available



Engine heater

The engine block heater assists with starting in low ambient temperatures.

| | |
|-------------------------------|---------|
| 423/523, block | A435412 |
| 528, 530, block | A435413 |
| 635i, 640i, 735i, block | A458198 |
| 645i, 650i, block | A449951 |
| 755i, 760i, 855i, 860i, block | A435414 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Exhaust purifier

The exhaust purifier can be mounted instead of the standard exhaust muffler. It reduces diesel engine emissions. In Kubota V1505CRT engine a diesel oxidation catalyst (DOC) is integrated in the same housing with the diesel particulate filter DPF. The Kohler KDI TCR 1903 engine is equipped with DOC as standard, and on models with the Kohler KSD 1403NA engine an exhaust purifier is standard equipment as well (in the exhaust pipe before the exhaust muffler).

| | |
|----------|---------|
| 423, 523 | A424843 |
|----------|---------|

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✗ | ✗ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | Ⓟ | ✗ |



Hand drive controls

Hand drive controls enables the forward-reverse driving of the loader with a switch on the joystick, instead of the drive pedals. The hand drive is proportional like the drive pedals: the more the switch is turned the faster the machine will travel. It is possible to use either the hand drive or the standard drive pedals; selection between hand drive and pedal control happens with a switch on the dashboard.

| | |
|----------------|---------|
| 200 series | A37093 |
| 400 series | A37287 |
| 500-800 series | A455725 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

Ⓟ Standard ✓ Option ✗ Not available



Lifting kit, for machines with ROPS frame

The kit includes all necessary slings and instructions for lifting a loader equipped with ROPS frame.

200-800- and e series

A418706

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Tie down bracket in the rear/on the sides

A simple bracket, that makes it easier to tie down the machine during transport. Fits either to the back of the machine or to the side of the rear frame. Can be mounted also between rear frame and trailer coupling or to rear back weight with handle, which allows the use of it even if a trailer coupling is mounted.

400-800, e series

A418746

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



A423161



A423091

Tie down bracket on wheel hub

The bracket makes it easier to tie down the loader on a trailer, truck etc. Two models: for 6-bolt wheel hub and for 5/10-bolt wheel hub.

6-bolt wheel hub

A423161

5 and 10 bolt wheel hub

A423091

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Standard



Option



Not available



Weather cover

The weather cover protects the cockpit against rain, snow, dust and dirt. The weatherproof cloth covers the entire instrument panel, steering wheel and driver's seat. The weather cover is delivered with an integrated pouch where the cover can be wrapped when not in use.

| | |
|-------------------|-------|
| 200 series | 65435 |
| 400-800, e series | 65436 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Transport cover

Protects the entire Avant loader during transports on an open trailer or truck. The material is black, robust and all-weather proof fabric which keeps the machine safe from rain, snow and dirt. Comes with a durable pouch.

| | |
|-------------------|-------|
| 200 series | 65477 |
| 400-600, e series | 65478 |
| 700 series | 65479 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |



Loading ramps

The lightweight and durable aluminium ramps are easy to handle and they stay clean thanks to the open grid design.

Max. load is 2.250 kg.

| | |
|---------------|-------|
| Loading ramps | 65447 |
|---------------|-------|

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |



Standard



Option



Not available



General bucket

Avant general buckets are designed so that the operator can see the front edge of the bucket from the driver's seat, for quick and easy loading and emptying. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

Length of the bucket has been optimized to give best possible breakout force. The sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

There are narrow holes at the upper end of the bucket which improve visibility and prevent stones from falling towards the operator.

Available with straight edge and with teeth.
Teeth protection plate is also available.

- ✓ **All round bucket, suitable for almost every shovelling job**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High breakout force**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



Option:

Teeth protection plate 41.3 in A417347
Teeth protection plate 45.3 in A420132
Teeth protection plate 51.2 in A417320

| Width | Edge | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|----------|-----------------|-----------------|--------|------------|
| 35.4 in | Straight | 5.3 cu ft | 6.7 cu ft | 137 lb | A36711 |
| 35.4 in | Teeth | 5.3 cu ft | 6.7 cu ft | 159 lb | A36716 |
| 41.3 in | Straight | 4.2 cu ft | 5.3 cu ft | 110 lb | A36702* |
| 41.3 in | Straight | 6.7 cu ft | 8.5 cu ft | 161 lb | A36710 |
| 41.3 in | Teeth | 6.7 cu ft | 8.5 cu ft | 183 lb | A36780 |
| 45.3 in | Straight | 7.4 cu ft | 9.2 cu ft | 172 lb | A36709 |
| 45.3 in | Teeth | 7.4 cu ft | 9.2 cu ft | 201 lb | A36779 |
| 51.2 in | Straight | 8.5 cu ft | 10.6 cu ft | 190 lb | A36698 |
| 51.2 in | Teeth | 8.5 cu ft | 10.6 cu ft | 216 lb | A36778 |
| 53.1 in | Straight | 8.5 cu ft | 10.9 cu ft | 199 lb | A36996 |
| 53.1 in | Teeth | 8.5 cu ft | 10.9 cu ft | 225 lb | A36997 |

* A36702 is the general bucket for 200 series 2 – the dimensions and weight match the lift capacity of 200 series 2. Wider general buckets can be used on 200 series 2 as light material bucket.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | – | – | – | ✗ | ✗ | ✓ |

✓ Compatible – Not recommended ✗ Incompatible

Heavy duty general bucket

Avant heavy duty general buckets are available starting from a width of 51 in. In addition to being heavier and made of stronger material, They have more capacity than standard general buckets. This makes them ideal tools for harder earthmoving and material handling jobs, and the HD buckets are best suited for Avant 600, 700 and 800 series.

The other features are the same as on standard general buckets: good visibility to the edge of the bucket. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete filling and emptying of all kinds of materials.

- ✓ **Heavy duty bucket for more demanding earthmoving and and material handling jobs**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High breakout force**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|------------|-----------------|-----------------|--------|------------|
| 51.2 in | 10.9 cu ft | 13.1 cu ft | 278 lb | A36713 |
| 57.1 in | 12.4 cu ft | 14.8 cu ft | 304 lb | A36712 |
| 63.0 in | 13.8 cu ft | 16.2 cu ft | 331 lb | A36535 |
| 63.0 in XL | 15.2 cu ft | 21.2 cu ft | 419 lb | A437578 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Light material bucket

Light material buckets are intended for handling of light materials including snow, saw dust, manure, mulch, etc.

The bottom of a light material bucket is considerably longer and the sides are higher than on a general bucket, which speeds up the work a lot. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle which guarantees easy and complete emptying of all kinds materials.

- ✓ **Fast and easy moving of light materials**
- ✓ **Excellent visibility to the edge of the bucket**
- ✓ **No reinforcement plates inside the bucket – easy filling and emptying**
- ✓ **High back of the bucket prevents material from falling over the rear edge and guarantees high volume**
- ✓ **Strong cutting edge made of high tensile, abrasion resistant wear steel**



| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|-----------------|-----------------|--------|------------|
| 45.3 in | 12.0 cu ft | 15.2 cu ft | 276 lb | A36715 |
| 51.2 in | 13.8 cu ft | 17.5 cu ft | 298 lb | A36714 |

XL light material bucket

The XL light material bucket is a large capacity bucket, best suited for the Avant 600, 700 and 800 series. It is intended for loading and transporting of light materials like wood chips, mulch, snow etc. There are no reinforcement plates inside the bucket which would interfere when loading and emptying, and the sides open forward in a slight angle, which guarantees easy and complete emptying of all kinds of materials and in difficult conditions also.

- ✓ **Large volume**
- ✓ **No reinforcement plates inside the bucket**
- ✓ **Robust design**
- ✓ **Intended for bigger Avant loaders**
- ✓ **XXL bucket available for 800 series**

| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|-----------------|-----------------|--------|------------|
| 57.1 in | 19.8 cu ft | 25.1 cu ft | 410 lb | A458113 |
| 63.0 in | 21.5 cu ft | 27.5 cu ft | 440 lb | A458092 |
| 71.0 in | 24.7 cu ft | 31.8 cu ft | 480 lb | A458030 |

XXL light material bucket for 800 series:

| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|-----------------|-----------------|--------|------------|
| 71.0 in | 37.1 cu ft | 45.9 cu ft | 562 lb | A437601 |
| 78.7 in | 41.3 cu ft | 51.2 cu ft | 606 lb | A435096 |



| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-----|------------|-----|-----|-----------------|-----|-----|--------------|------|------|------|------|------|------|------|------|------|
| XL | ✗ | ✗ | ✗ | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — |
| XXL | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | — | — | — | ✓ | ✓ | ✗ |
| | ✓ | ✓ | ✓ | — | — | — | ✓ | — | — | — | — | — | — | — | — | — |
| | Compatible | | | Not recommended | | | Incompatible | | | | | | | | | |



4 in 1 bucket

This efficient multi-purpose bucket can be used as a normal bucket in addition to a dozer blade, leveler or a grab. The front part of the bucket opens with 2 hydraulic cylinders, located on the back side of the bucket, which enables dozing, levelling and picking of stones, tree stumps etc. Another benefit of the opening bottom is that the bucket can be emptied at a higher level by opening the bottom instead of tipping the bucket edge down.

Available with straight edge or with teeth.

- ✓ All round tool for landscaping and groundcare
- ✓ A versatile bucket suitable for many different jobs at different stages on the work site



| Edge | Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|-----------|------------|-----------------|-----------------|--------|------------|
| straight* | 45.3 in | 5.8 cu ft | 7.5 cu ft | 456 lb | A462542 |
| straight* | 51.2 in | 6.4 cu ft | 8.4 cu ft | 487 lb | A457723 |
| straight | 57.1 in HD | 7.2 cu ft | 10.6 cu ft | 540 lb | A428472 |
| straight | 63.0 in HD | 8.1 cu ft | 11.8 cu ft | 567 lb | A36906 |
| straight | 71.0 in HD | 9.2 cu ft | 13.1 cu ft | 630 lb | A446413 |
| teeth | 57.1 in HD | 7.2 cu ft | 10.6 cu ft | 567 lb | A428508 |
| teeth | 63.0 in HD | 8.1 cu ft | 11.8 cu ft | 610 lb | A37248 |
| teeth | 71.0 in HD | 9.2 cu ft | 13.1 cu ft | 661 lb | A446873 |

Option:

Teeth protection plate 45.3 in A420132

Teeth protection plate 51.2 in A417320

Teeth protection plate 57.1 in A417321

Teeth protection plate 63.0 in A419977

Teeth protection plate 71.0 in A446914

*) bolt-on teeth (product no. A48608, 5 pcs) available as an option



High tip bucket

The high tip bucket is the right choice when you need to reach higher and longer. The bucket is equipped with a hydraulic cylinder that pushes and tips the bucket over its front edge, which gives considerably more tipping height than with a normal bucket.

Maximum tipping height with telescopic boom on 400, 500 and 600 series 124" and on 700 series 138" and on 800 series as high as 157".

- ✔ High tipping height
- ✔ Excellent for loose and light material loading



| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|-----------------|-----------------|--------|------------|
| 41.3 in | 5.3 cu ft | 6.7 cu ft | 284 lb | A2631 |
| 50.4 in | 12.4 cu ft | 14.8 cu ft | 353 lb | A2824 |

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



XL high tip bucket

The XL high tip bucket has more loading volume which is very useful when loading light materials. The bucket is an ideal tool for snow removal, loading of wood chips and for loading works on recycling plants etc.

Tipping of the bucket happens with two hydraulic cylinders – this means emptying is easy with full load in the bucket. There are no reinforcement plates inside the bucket which would interfere when loading and emptying. This means filling the bucket requires less power and all kinds of materials come out of the bucket completely while emptying.

- ✓ Large volume bucket for efficient loading of light materials
- ✓ Tipping height as high as 157 in (with 800 series)
- ✓ No reinforcement plates inside the bucket – efficient filling and emptying of the bucket



| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|---------|-----------------|-----------------|--------|------------|
| 57.1 in | 18.7 cu ft | 24.0 cu ft | 595 lb | A36841 |
| 70.9 in | 29.0 cu ft | 31.8 cu ft | 730 lb | A21273 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |



Grapple bucket

The grapple bucket combines a normal bucket and a grapple, making it suitable for a wide range of jobs. It can be used for the transporting and loading of branches, wood chips, compost, straw, manure, construction waste and related materials. It can also be used as a normal bucket with the grapple in the upright position.

- ✓ **Versatile bucket for handling of loose materials**
- ✓ **Larger XL models with two cylinders intended especially for 700 and 800 series**



Option:
Side plates, kit, for XL grapple buckets A439112

| Width | Weight | Product no |
|---------|--------|------------|
| 35.4 in | 287 lb | A36304 |
| 41.3 in | 322 lb | A36316 |
| 51.2 in | 370 lb | A36323 |

XL grapple bucket for 700 and 800 series:

| Width | Weight | Product no |
|---------|--------|------------|
| 51.2 in | 595 lb | A441963 |
| 57.0 in | 635 lb | A441946 |
| 63.0 in | 672 lb | A439086 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|----------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Standard | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ |
| XL | ✗ | ✗ | ✗ | ✗ | — | — | — | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | — |

✓ Compatible — Not recommended ✗ Incompatible



Demolition grapple bucket

The demolition grapple bucket with two hydraulic grapples (51.2 in and 42.5 in) or one (35.4 in) is strong and versatile attachment for handling of construction and demolition waste. Hydraulic cylinders and hoses & fittings are well protected against falling debris.

✔ **Versatile bucket with two hydraulic grapples (51.2 in and 42.5 in) or one (35.4 in), for demolition, construction and tree care industry**



| Width | Weight | Product no |
|---------|--------|------------|
| 35.4 in | 342 lb | A441014 |
| 42.5 in | 465 lb | A37465 |
| 51.2 in | 502 lb | A37535 |

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860i

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e527

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Compatible

⊖

Not recommended

✖

Incompatible



Levelling bucket

Avant levelling buckets are built with heavy duty construction in mind. The levelling bucket has a sharp back edge which makes levelling easy when driving backward. Other features include a longer bottom, which enables the driver to see the tip of the bucket perfectly. This also makes levelling easier. The new levelling buckets are stronger and without requiring reinforcement bars inside, which makes filling and emptying easier. They are also larger than the earlier models.

- ✓ **Excellent visibility to tip of bucket**
- ✓ **Sharp back edge enables exact levelling when driving backward**
- ✓ **Heavy duty design**
- ✓ **Larger 63.0 in and 70.9 in XL buckets intended especially for 700 and 800 series**



| Width | Struck Capacity | Heaped Capacity | Weight | Product no |
|------------|-----------------|-----------------|--------|------------|
| 57.1 in | 8.8 cu ft | 13.4 cu ft | 386 lb | A36717 |
| 63.0 in | 9.9 cu ft | 14.8 cu ft | 419 lb | A36706 |
| 63.0 in XL | 14.7 cu ft | 20.8 cu ft | 507 lb | A445616 |
| 70.9 in XL | 16.4 cu ft | 23.5 cu ft | 551 lb | A443761 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Std. | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| XL | ✗ | ✗ | ✗ | — | — | — | — | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Pallet fork

The Avant pallet fork is the right attachment for lifting and handling of different types of materials on pallets. The fork width can easily be adjusted thanks to the quick lock mechanism. The forks are made of high tensile forged steel and designed in accordance with the ISO2330 standard.

Avant is an excellent machine for load handling thanks to the precise steering and drive control. Compared to a conventional forklift truck, the Avant is a far superior all terrain year-round loader.

- ✓ **Excellent field of vision both to the attachment and to the environment makes working with pallet forks precise and easy**
- ✓ **A useful attachment for all material handling jobs**
- ✓ **Can be tilted sideways and rotated with the optional tilt adapters and attachment rotator**



Option:
 Bolt on back frame A36346
 Rotation support, adjustable A441445
 (prevents boxes from falling from the pallet fork when rotating & emptying them with the attachment rotator A424406)

| Model | Fork length | Max. load | Weight | Product no |
|---------|-------------|-----------|--------|------------|
| Regular | 33.5 in | 2200 lb | 198 lb | A21047 |
| Long | 43.3 in | 3100 lb | 255 lb | A21039 |
| XHD | 47.2 in | 4400 lb | 310 lb | A36589 |

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- 650i

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- 735i

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- 755i

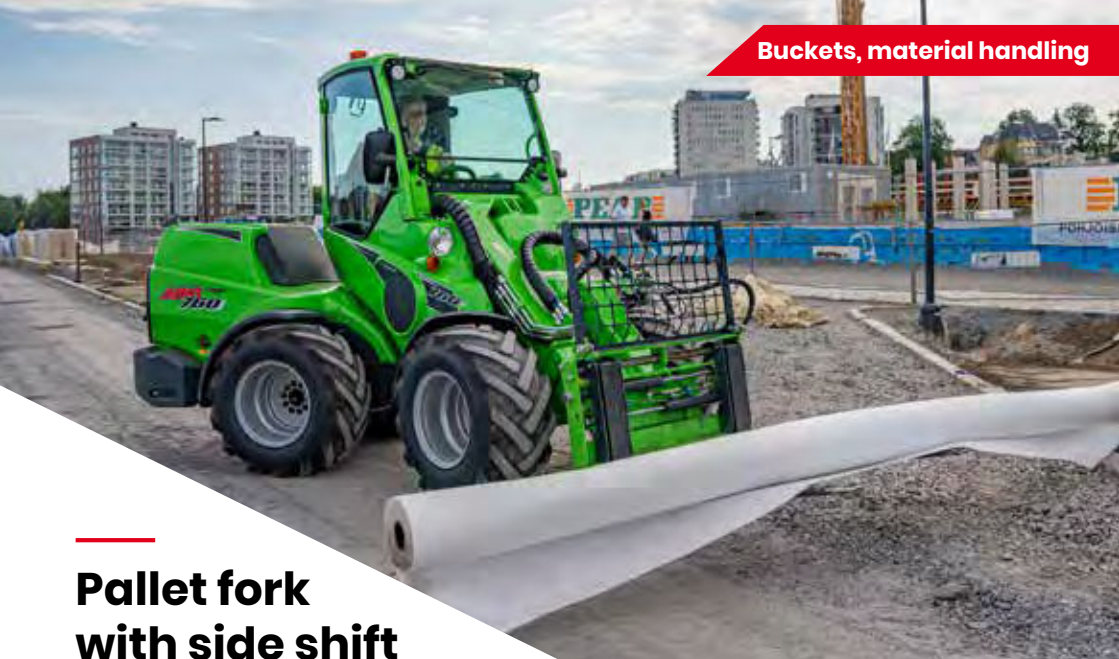
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✓



Pallet fork with side shift

Hydraulic fork adjustment on the pallet fork makes it possible to move the forks further apart or closer together easily and comfortably from the driver's seat. The forks can also be moved to the left or to the right, making it possible to shift the load to the side of the machine. All functions can be operated from the driver's seat. The pallet fork is equipped as standard with a bolt-on back frame which allows handling of larger loads and protects the driver from falling objects.

- ✓ Hydraulic side shift and fork width adjustment
- ✓ Bolt-on back frame as standard
- ✓ Two models available, with 43.3 in or 47.2 in forks, max. load 4410 lb on both



| Model | Standard | XL |
|-------------|----------|---------|
| Fork length | 43.3 in | 47.2 in |
| Max. load | 4410 lb | 4410 lb |
| Frame width | 43.9 in | 61.0 in |
| Weight | 419 lb | 496 lb |
| Product no | A449516 | A442071 |

The optional Opticontrol® is recommended on the loader.

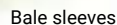
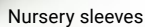
| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Std. | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| XL | ✗ | ✗ | ✗ | — | — | — | — | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | — |

✓ Compatible
— Not recommended
✗ Incompatible



Bale sleeves allow lifting and handling different (round) bales. They work best on the A442071 HD hydraulic pallet forks.

| | Nursery sleeves | Bale sleeves |
|------------|-----------------|--------------|
| Length | 53.4 in | 52.2 in |
| Weight | 126 lb | 60 lb |
| Product no | A444929 | A448768 |



| | |
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| ✓ | 220 |
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| ✓ | 640i |
| ✓ | 645i |
| ✓ | 650i |
| ✓ | 735i |
| ✓ | 755i |
| ✓ | 760i |
| ✓ | 855i |
| ✓ | 860i |
| ✓ | e527 |



Skip bucket

The skip buckets can be transported and emptied easily with Avant. The bucket can be equipped with castor wheels, which allow it to be moved and filled by hand effortlessly. A full bucket can then be taken away and emptied with Avant.

- ✔ **Replace the waste bins on the site with the skip bucket – loading, transporting and emptying of the bucket is very easy with Avant**
- ✔ **Castor wheels available as an option (solid plastic wheels or pneumatic tires)**
- ✔ **Supports instead of wheels available as an option – they raise the rear and lower the front of the bucket by approx. 3.5 in, which makes it easier to empty e.g. a wheelbarrow into the bucket**



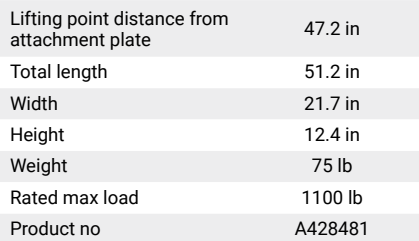
| Width | Volume | Weight | Product no |
|---------|------------|--------|------------|
| 34.6 in | 22.2 cu ft | 254 lb | A36588 |
| 50.4 in | 33.5 cu ft | 320 lb | A36595 |

Options:
A418506 Castor wheels, 4 pcs (will increase bucket height by 6.5 inches)
A420800 Castor wheels, pneumatic tires, 4 pcs will increase bucket height by 9.3 inches)
A420537 Supports, 4 pcs
A421005 Lifting brackets, 4 pcs

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- ✔ **Economical attachment, suitable for many different lifting jobs**
- ✔ **Connecting points on the boom increase lifting safety**



Telescoping jib boom

The hydraulically telescoping jib boom is a very efficient and versatile tool in all lifting jobs on the work site. The smoothly extending and retracting boom allows lifting to places that would otherwise be very hard to reach. The compact design, coupled with the telescoping cylinder inside the boom, makes work safe and easy.

The jib boom is equipped with a rotating lifting hook and durable wear pads on the outer boom.

- ✓ **Excellent outreach, as much as 134" from the front wheels**
- ✓ **Max. lift height with 800 series as high as 205"**
- ✓ **Versatile lifting attachment for various load handling jobs**

| | |
|----------------------------|---------|
| Max. boom length | 74.8 in |
| Min. boom length | 51.2 in |
| Max. lifting height* | 205 in |
| Max load Avant 800 series* | 1102 lb |
| Max load Avant 700 series* | 880 lb |
| Max load Avant 600 series* | 660 lb |
| Max load Avant 500 series* | 550 lb |
| Max. outreach* | 134 in |
| Weight | 243 lb |
| Product no | A21342 |

* Both the telescopic boom of the loader and the jib boom extended to max. outreach.



220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Hydraulic trailer hitch

The hydraulic trailer hitch features hydraulic height adjustment of the ball hitch, which makes it easier to connect trailers in varying heights and ground conditions. The hitch is equipped with both ball and a towing pin.

Attention: Requires double acting rear auxiliary hydraulics outlet on the loader.

- ✓ **Equipped with 2 inch ball hitch/ towing pin**
- ✓ **9.8 in vertical hitch height adjustment**
- ✓ **Hydraulic cylinder equipped with lock valve**
- ✓ **Can be mounted on 400-800 series**



| | |
|-------------------|-------------------|
| Height adjustment | hydraulic, 9.8 in |
| Weight | 66 lb |
| Product no | A36518 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Ball hitch on front

An easier way to move trailers. Because of the perfect visual of the ball hitch, it is very easy to couple a trailer by driving the ball under the trailer and locking it in the coupling plate by lifting the boom of the loader.

Equipped with a combined 2 inch ball hitch/towing pin.

- ✓ **Easier way to couple to and move trailers etc. with Avont**
- ✓ **Best possible field of vision to the trailer enables very precise handling in tight situations**
- ✓ **Easy and fast to mount on Avont**



| Weight | Product no |
|--------|------------|
| 75 lb | A35592 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Beehive mover

The Avant beehive mover mover is intended for loading and transporting of beehive boxes, but it can handle other objects like cardboard boxes as well. The mover can carry as many as 12 beehives at a time. It consists of a mast, a pallet fork that is mounted on the lower end of the mast, and a hydraulic grapple at the upper end of the mast which presses the boxes against the pallet fork. The grapple is equipped with rubber pads which hold the beehives firmly but gently.

The beehive mover can be mounted on all Avant loaders, and if the beehives need to be transported longer distances by truck it is easy to take the Avant on the truck as well and unload and move the beehives at the destination.

The grapple can be set to five different heights between 16.7 - 53.7 in following the height of the load, and the vertical movement of the grapple is 13.4 in. Distance between the rubber pads can be set manually to four different widths between 11.0 - 28.7 in. Max. load on the beehive mover is 2200 lb and max. pressing force is 4000 lb, which means it can handle other materials that are on pallet as well. Especially lighter boxes and similar objects which don't stay on the pallet without support are easy to handle with the beehive mover.



- ✓ **Fast and easy way to load and transport beehive boxes**
- ✓ **Can handle also cardboard boxes and similar objects**
- ✓ **Mounts on all Avant loaders**
- ✓ **Also available with 43.3 in A21039 or 47.2 in A36589 pallet forks**

| | |
|-------------------------|--|
| Max. load | 2200 lb |
| Max. pressing force | 4000 lb |
| Pallet fork length | 33.5 inch |
| Grabbing width | 11.0 - 28.7 inch (four widths can be set manually) |
| Grapple height | 16.7 – 53.7 inch (five heights can be set manually) |
| Grapple cylinder stroke | 13.4 inch |
| Height | 76.8 inch |
| Width | 39.4 inch |
| Length | 37.8 inch |
| Weight | 355 lb |
| Product number | A36935 |



Site toolbox

This robust and versatile toolbox mounts on the attachment coupling plate and can be transported with Avant to the worksite. The flat reinforced cover can be used as a workbench. A screw vice can be also be mounted on the box.

The lid is equipped with gas springs and can be locked with a pad lock. Four lifting lugs are mounted with bolts on the sides. They can also be removed if necessary. The box is also equipped with lifting brackets for forklift.

The box holds many handheld tools inside. It keeps tools in good order and is easy to lift to the back of a van or to a safe place for the night or can be locked to Avant.

- ✓ **Spacious, lockable box for handheld tools**
- ✓ **Easy to lift and transport with Avant loader**
- ✓ **Flat reinforced cover can be used as a workbench**
- ✓ **Can be equipped with a screw vice**



| | |
|------------|------------|
| Volume | 19.4 cu ft |
| Weight | 353 lb |
| Product no | A21689 |

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- 755i
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- 860i
- e527



Equipped with hydraulic blade rotation, the Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away. The blade has a spring release mechanism which protects the blade and operator in the event that it hits an obstacle.

- ✔ **Economical dozer blade, well suited for snow removal**
- ✔ **Spring release mechanism for improved safety**
- ✔ **Two solid skid shoes as standard—reduces blade wear and improves maneuverability**
- ✔ **Ice cutting edge and plastic edge available as an option**

| | |
|---------------|--------|
| Blade width | 55 in |
| Slewing angle | ±30 ° |
| Weight | 275 lb |
| Blade height | 15 in |
| Product no | A36649 |

Extensions 2 x 7 inches (can be mounted straight or in collecting position) A36651
Ice cutting edge A32315, Ice cutting edge 7 in on extension A413823
Plastic edge 55 in A32383 Plastic edge 7 in on extension A48870
Stopper plates, kit (locking of blade's spring release) A443915



Dozer blade 2000/2500

Equipped with hydraulic blade turning, the Avant dozer blade is the ideal tool for snow removal, earthmoving and similar jobs where the materials must be dozed away quickly. The dozer blade 2000/2500 features a completely new design. The blade is higher and more curved than earlier and moves material more efficiently to the side. Hydraulic slewing, spring release and skid shoes are standard equipment designs. So are the turnable 2x12.2 in extensions which can be mounted in straight or collecting position. The completely new floating system allows the blade to float vertically, which makes working on uneven surfaces considerably easier and more efficient. The blade can also float sideways $\pm 10^\circ$. The floating system can be adjusted manually in three different positions:

- 1) Free floating – both vertically and sideways
- 2) Sideways floating $\pm 10^\circ$ only, without vertical floating
- 3) Rigid position – both vertical and sideways floating locked with bolts

Options Dozer blade 2000:

A417437 Ice cutting edges, kit, for main blade and extensions

A417441 Plastic edges, kit, for main blade and extensions

A417345 Support wheels, 2 pcs

Options Dozer blade 2500:

A417729 Ice cutting edges, kit, for main blade and extensions

A417672 Plastic edges, kit, for main blade and extensions

A417345 Support wheels, 2 pcs

- ✓ **Two solid skid shoes which reduce blade wear and improve maneuverability**
- ✓ **Robust construction, with spring release mechanism designed for professional use**
- ✓ **Turnable extensions is standard, can be mounted in collection position or straight**
- ✓ **Support wheels, instead of skid shoes, available as an option – keep working height more constant when working on sensitive surfaces**

| Model | 2000 | 2500 |
|---------------|---|---|
| Blade width | 54.7 in main blade + 2x12.2 in bolt-on extensions | 72.4 in main blade + 2x12.2 in bolt-on extensions |
| Slewing angle | $\pm 30^\circ$ | $\pm 30^\circ$ |
| Weight | 474 lb | 511 lb |
| Blade height | 23.2 in | 23.2 in |
| Product no | A36123 | A36251 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 2000 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2500 | ✗ | ✗ | – | – | – | – | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | – |



Compatible



Not recommended



Incompatible



Snow plow

The Avant snow plow is a versatile attachment for snow removal. It consists of two independently hydraulically adjustable blades. Angle of the blades is be adjusted with a switch from the driver's seat. Both blades have a spring release mechanism in the lower part of the blade to prevent any sudden stop should the blade hit an obstacle. The floating mechanism on the mounting bracket guarantees that the blade follows ground as well as possible.

The snow plows feature:

- Vertical floating system
- Well curved blade – moves snow efficiently to the side
- Support legs with skid shoes as standard
- Curved flat cutting edge with standard 12 in hole distance; made of high tensile, abrasion resistant wear steel



Option:

- | | |
|---|---------|
| Ice scraper edges, kit, snow plow V1600 | A453070 |
| Ice scraper edges, kit, snow plow V1800 | A36817 |
| Ice scraper edges, kit, snow plow V2400 | A36818 |
| Plastic edges, snow plow V1600 | A453068 |
| Plastic edges, snow plow V1800 | A37173 |
| Plastic edges, snow plow V2400 | A37171 |

- ✓ **Versatile snow removal tool for professional use**
- ✓ **Two independently controllable blades: can be adjusted in straight, V or Y position**
- ✓ **Advanced floating system allows working on uneven surfaces as well**

| Model | V1600 | V1800 | V2400 |
|---|--------------|--------------|--------------|
| Blade width | 51.6-63.0 in | 59.4-72.4 in | 79.5-96.5 in |
| Total width (with curved end flat edge/ice scraper blade) | 54.0-65.4 in | 61.8-74.8 in | 81.9-98.8 in |
| Blade turning angle | ±35 ° | ±35 ° | ±35 ° |
| Weight | 483 lb | 728 lb | 860 lb |
| Blade height | 29.0 in | 30.3 in | 30.3 in |
| Product no | A451470 | A36795 | A36796 |

The optional Opticontrol® is required on the loader if blades wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| V1600 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | ✓ |
| V1800 | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| V2400 | ✗ | ✗ | ✗ | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |

✓ Compatible — Not recommended ✗ Incompatible



Flipper bucket

The flipper bucket is designed for clearing snow in large areas or in areas where snow must be moved long distances. Due to the two hydraulically operated side wings the bucket is extremely versatile in snow clearing and can be operated in smaller areas as well without problems.

With the flipper bucket you can move a very large quantity of snow in one push. Because the wings fold out slightly forward from the sides, you can push 2-3 times the capacity of the bucket between the wings. With the optional Opticontrol® the two wings can be turned independently or simultaneously. This makes the bucket easy to control also in narrow or tight areas.



Option:

Ice scraper edges, kit, bucket 1350

Ice scraper edges, kit, bucket 1800

Wear plates, kit, bucket 1350

Wear plates, kit, bucket 1800

A452317

A436345

A452513

A435499

- ✓ **Large volume bucket**
- ✓ **Two models: 53 in and 71 in with 20 cu ft and 28 cu ft capacity respectively**
- ✓ **Equipped with two hydraulically operated side wings**
- ✓ **Max. working width over 118" (1800)**
- ✓ **With the optional Opticontrol® the two wings can be turned independently or simultaneously**

| Model | 1350 | 1800 |
|------------|-----------------|-----------------|
| Volume | 20 cu ft | 28 cu ft |
| Width | 53.1 - 104.5 in | 70.9 - 118.5 in |
| Weight | 755 lb | 840 lb |
| Product no | A452096 | A435885 |

The optional Opticontrol® is required on the loader if wings wanted to be controlled independently (requires also 6 or 8 function joystick on the loader).

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1350 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — |
| 1800 | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — |



Compatible



Not recommended



Incompatible



The mounting frame of the zoom snow plow is the same as on the 2000 and 2500 dozer blades. It allows a $\pm 10^\circ$ vertical floating which can be locked if necessary. The plow is also equipped with $\pm 30^\circ$ hydraulic blade turning. Ice cutting edge is standard equipment.

- ✔ **Hydraulically extendable dozer blade allows snow removal in smaller yards, on parking lots etc.**
- ✔ **Equipped with two wings which can be extended and retracted independently or both at the same time**
- ✔ **Seamlessly adjustable working width between 53.2" – 92.5"**
- ✔ **Hinged, foldable end plates for efficient snow collecting and moving**
- ✔ **Hydraulic turning $\pm 30^\circ$, spring release of the blade, and 5.3 in vertical & $\pm 7.5^\circ$ horizontal floating**

| | |
|---------------------------|-------------------|
| Working width | 53.2 in – 92.5 in |
| Max width | 57.5 in – 96.9 in |
| Max length | 39.1 in |
| Blade turning angle | ± 30° |
| Vertical floating | 5.3 in |
| Horizontal floating angle | ± 7.5° |
| Weight | 865 lb |
| Product no | A425180 |

The optional Opticontrol® is required on the loader.

| | |
|------------------------|---------|
| Ice scraper edges, kit | A437890 |
| Straight cutting edge | A437891 |
| Rubber edge | A431475 |

U plow

The U plow is a professional tool for fast and efficient snow removal. It consists of a 72.0 in wide main blade and two side blades which can be turned $\pm 85^\circ$ hydraulically. This allows access through narrow gates and yards, and on the other hand the max. 118.1 in working width with the side blades extended guarantees fast cleaning of larger areas. Collecting and pushing of large amounts of snow is also easy with the side blades turned into "U" position.

The plow is equipped with strong springs which allow the blade to give in backward in case it hits an obstacle, like a lid of well. In this case the plow jumps over the obstacle and the spring returns the blade back to plowing position. The plow is also equipped with $\pm 7.5^\circ$ horizontal floating and two skid shoes as standard. There are also four round reflectors on the edges of the main blade and the side blades.

Minimum working width is 63.0 in with the side blades turned completely to the back, and max. 118.1 in with side blades straight. Turning of the plow happens with two hydraulic cylinders; turning angle is $\pm 35^\circ$. Side blades can be turned independently or simultaneously with the switches of the optional Opticontrol® attachment control switch pack. The plow is equipped with an ice scraper cutting edge as standard, straight cutting edge is available as an option. In addition, an outline marker lamp kit (4 pcs lamps on the edges of the main blade and the side blades) is available as an option instead of the standard round reflectors.

Option:

| | |
|----------------------------|---------|
| Straight cutting edge, kit | A442738 |
| Plastic edges, kit | A451877 |
| Outline marker lamps, kit | A442768 |

- ✓ **Versatile snow plow for professional use**
- ✓ **Equipped with two side blades with $\pm 85^\circ$ hydraulic turning**
- ✓ **Spring loaded blade gives in and the plow jumps over an obstacle in case of contact**
- ✓ **Variable working width 63.0 – 118.1 in allows working on narrow driveways, yards etc.**
- ✓ **Ice scraper cutting edge as standard, straight edge available as an option**

| | |
|--------------------------|--------------------|
| Working width | 63.0 in – 118.1 in |
| Total width | 122.3 in |
| Length | 44.6 in |
| Blade height | 29.5 in |
| Weight | 1300 lb |
| Plow turning angle | $\pm 35^\circ$ |
| Side blade turning angle | $\pm 85^\circ$ |
| Standard cutting edge | ice scraper edge |
| Product no | A438439 |

The optional Opticontrol® is required on the loader.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



Ice rink scraper blade

The ice rink scraper blade is designed only for the maintenance of ice hockey and skating rinks. Due to the large 118 inch working width and hydraulic turning of the blade cleaning of the rink is fast and easy. The sharp and curved blade moves away the ice and snow quickly and efficiently.

- ✓ **Fast and easy ice and snow removal on ice hockey and skating rinks**
- ✓ **Rubber roller bumper at the right end of the blade protects the blade and the rink when working close to the wall of the ice hockey rink**
- ✓ **Large 118 inch working width**
- ✓ **Hydraulic blade turning $\pm 30^{\circ}$**



| | |
|---------------|------------------|
| Width | 118 in |
| Height | 28.4 in |
| Length | 30.5 in |
| Blade turning | $\pm 30^{\circ}$ |
| Weight | 320 lb |
| Product no | A37346 |



Snow blower

The Avant snow blower is an efficient snow removal tool with advanced technology. The frame and discharge chute are designed so that there are as little as possible passive surfaces which would prevent snow movement. The Avant design works well both with dry and wet snow and clears compacted snow banks. The feeding auger is made of wear-resistant Hardox steel.

The blower is equipped with two hydraulic motors: one for the auger and one for the discharge impeller. The new type hydraulic motor on the impeller improves the efficiency of the blower considerably. Snow discharge can be directed accurately: the discharge chute can be rotated 260° electrically, operated from the driver's seat. Throwing height can be adjusted manually, electric throwing height adjustment is available as an option and requires the optional Opticontrol® on the loader.

Two working widths available: 42.3 in and 59.1 in.



In the picture, side extensions

Option:

Side extensions (increase the working width by 8 in)
Electric throwing height adjustment
Plastic (polyurethane) cutting edge kit 42.3 in
Plastic (polyurethane) cutting edge kit 59.1 in

A452678
A430172
A452656
A452668

- ✓ **Efficient high volume snow blower**
- ✓ **Works well both with dry and wet snow**
- ✓ **Equipped with two hydraulic motors: one for the auger and one for the discharge impeller**
- ✓ **Electric 270° discharge chute rotation as standard**
- ✓ **Exact snow discharge**
- ✓ **Manual throwing height adjustment as standard, electric adjustment available as an option**

| | | |
|----------------|---------|---------|
| Working width | 42.3 in | 59.1 in |
| Total width | 47.8 in | 62.2 in |
| Frame height | 26.8 in | 26.8 in |
| Auger diameter | 18.1 in | 18.1 in |
| Chute rotation | 260 ° | 260 ° |
| Weight | 545 lb | 655 lb |
| Product no | A434731 | A428062 |

The optional Opticontrol® is recommended on the loader. If the snow blower is equipped with the electric throwing height adjustment, it is required.

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1150 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — |
| 1500 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



Rotary broom

There are three working models of rotary brooms available: 1100, 1500 and 2000. The 1500 and 2000 brooms are equipped standard with power angling by electric actuator motor. This means angling the broom is easily and comfortably operated with a switch from the driver's seat.

With a floating mechanism the brush is resting on its bristles and the whole brush axle is floating freely. Support wheels are available as an option, for working on sensitive surfaces. The optional rubber lip is intended for snow removal: it limits and directs the snow spray. The broom is equipped with supports which can be extended when the broom is not in use, so that the broom rests on the supports and the nylon bristles doesn't get damaged during storage.

- ✓ Professional sweeper with manual or electric turning
- ✓ Free floating broom allows big vertical movement and guarantees excellent sweeping result
- ✓ Equipped with extendable supports for storage: nylon brush doesn't get damaged during storing

Option:
Electric turning for rotary broom 1100, product no. A36112
Poly replacement brush sections, product no. 64716
Wire replacement brush sections, product no. 65888
A35760 Support wheels for rotary broom
A438900 Rubber lip, rotary broom 1100
A438874 Rubber lip, rotary broom 1500
A438914 Rubber lip, rotary broom 2000

| Model | 1100 | 1500 | 2000 |
|---------------|----------|----------|----------|
| Broom width | 43.3 in | 59.0 in | 79.0 in |
| Total width | 53.9 in | 70 in | 90 in |
| Boom diameter | 21.7 in | 21.7 in | 21.7 in |
| Turning | manual | electric | electric |
| Turning angle | +/- 25 ° | +/- 25 ° | +/- 25 ° |
| Weight | 375 lb | 440 lb | 575 lb |
| Product no | A36067 | A35284 | A35583 |

The optional Opticontrol® is required on the loader for electric turning.

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1100 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |
| 1500 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 2000 | ✗ | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

New

Snow broom

The snow broom is intended for snow removal on sidewalks, parking lots, and more. It features the 21.7 in nylon brush and hydraulic motor as the original rotary broom without the vertical floating in the mounting frame. Instead, the brush is supported by two support wheels with solid tires. The height of the support wheels can be adjusted with the nylon spacers on the yoke of the wheel.

There are three models available: 43.3 in, 59.0 in, or 79.0 in working width. The 1500 and 2000 models are equipped with +/- 5 sideways floating for better handling and contact with the ground, not required on the 1100 broom. Hydraulic brush turning +/- 30 is standard on all models.

- ✓ **Powerful rotary broom for efficient snow removal on sidewalks, yards, parking lots etc.**
- ✓ **Equipped with two adjustable support wheels with solid tires for easy moving and turning**
- ✓ **Hydraulic +/- 30° brush turning as standard**
- ✓ **Three different working widths available to suit any Avant loader**



| Model | 1100 | 1500 | 2000 |
|---------------------|----------------------------|---------|---------|
| Broom width | 43.3 in | 59.0 in | 79.0 in |
| Total width | 54.7 in | 70.5 in | 90.2 in |
| Broom turning angle | +/- 30°, hydraulic turning | | |
| Height | 24.6 in | 24.6 in | 24.6 in |
| Length | 43.3 in | 43.3 in | 43.3 in |
| Weight | 375 lb | 432 lb | 476 lb |
| Product no | A454767 | A457611 | A457678 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1100 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |
| 1500 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 2000 | ✗ | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



Collecting broom 1100

The collecting broom 1100 is mainly intended for the Avant 200, 400 and 500 series. The broom diameter is 19.7 in, consisting of 32 brush segments which can be changed one by one. The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the floating very easy. Broom height can be adjusted manually, to compensate wear of the nylon bristles.

The collector box with 21 gal volume is mounted in front of the broom. Emptying of the box is hydraulic. Water spraying system for dust binding and one side brush are available as an option.

- ✓ **Intended mainly for 200, 400 and 500 series**
- ✓ **Equipped with Optifloat® → works well on uneven surfaces as well**
- ✓ **Broom height can be adjusted manually**
- ✓ **Collector box with hydraulic emptying in front of the broom, box volume 21 gallon**



| | |
|---------------------------|----------|
| Broom width | 43.3 in |
| Total width | 53.1 in |
| Broom diameter | 19.7 in |
| Collector box volume | 21 gal |
| Water tank volume | 15.9 gal |
| Weight without side brush | 695 lb* |
| Weight with 1 side brush | 750 in* |

* without water spraying system

| Product no | Side brush | water spraying system |
|------------|------------|-----------------------|
| A36883 | no | no |
| A426229 | 1 brush | no |
| A426231 | 1 brush | yes |

The optional Opticontrol® is required on the loader with water spraying system

Options:
 Water spraying system, with 15.9 gal water tank A37431
 Side brush A35698
 (Water spraying system and side brush not available for 200 series)

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |

✓ Compatible
— Not recommended
✗ Incompatible

Collecting broom 1500

The collecting broom 1500 is mainly intended for professional property maintenance companies, cities and municipalities. The broom has a heavy duty construction, floating brush axle, automatic brush wear compensation and a specially designed water spraying system for dust binding.

The broom is also well enclosed all around the main brush. This gives a better collection result, especially when turning with the machine. The enclosed construction provides the added benefit of less dust formation.

The broom is equipped with three support wheels and with Optifloat® quick attach system which allows both vertical and sideways floating of the broom and guarantees efficient sweeping also on uneven surfaces. Two indicator arrows on the Optifloat® quick attach bracket make adjustment of the broom very easy.



Option:
Side brush A35698
Water spraying system A35642

| | |
|---------------------------|--|
| Model | 1500 |
| Broom width | 59.0 in |
| Total width | 70.0 in |
| Boom diameter | 21.7 in |
| Box emptying | Hydraulic (with two cylinders) |
| Box volume | 7.1 cu ft |
| Water tank volume | 32 gal |
| Weight without side brush | 935 lb (without water spraying system) |
| Weight with 1 side brush | 990 lb |
| Weight with 2 side brush | 1050 lb |

| Product no | Side brush | water spraying system |
|------------|------------|-----------------------|
| A35602 | no | no |
| A35918 | 1 brush | no |
| A35919 | 1 brush | yes |

The optional Opticontrol® is required on the loader with water spraying system

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| × | × | × | × | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | × |



Compatible



Not recommended



Incompatible



Bucket broom

The bucket broom collects waste in a large bucket shaped box. The broom gives best sweeping result when reversing, but it also works when driving forward. Forward sweeping is recommended when the waste is larger in dimension - for example, construction waste, beverage cups, tree leaves, etc.

The bucket broom is equipped with a floating mechanism which allows the bucket lip to rest against the ground freely. To empty the collector, first lift the broom up hydraulically, then the collector box can be emptied by tilting it down like a normal bucket.

The brush axle is equipped with a simple quick locking system for adjusting the sweeping height. A water spraying system for dust binding is available.



Option:

| | |
|---|---------|
| Water spraying system for Bucket broom 1100 | A35956 |
| Water spraying system for Bucket broom 1500 | A35807 |
| Rubber blade brush for Bucket broom 1100 | A436108 |
| Rubber blade brush for Bucket broom 1500 | A433868 |

- ✓ Excellent sweeping result when driving backwards
- ✓ Suitable for collecting larger waste
- ✓ Large bucket shaped collector box
- ✓ Quick, hydraulic emptying
- ✓ Rubber blade brush available as an option, for collecting horse manure and similar material

| Model | 1100 | 1500 |
|--|------------|------------|
| Broom width | 43.3 in | 59.1 in |
| Total width | 53.4 in | 69.4 in |
| Box volume | 13.1 cu ft | 17.7 cu ft |
| Boom diameter | 19.7 in | 19.7 in |
| Water tank volume | 31.7 gal | 31.7 gal |
| Product no | A35945 | A35689 |
| Product no. with water spraying system | A36023 | A36024 |

The optional Opticontrol® is required on the loader with water spraying system

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1100 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — |
| 1500 | ✗ | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

✓ Compatible
 — Not recommended
 ✗ Incompatible



Push broom

The updated push brooms feature stronger bristles and a new layout: the broom consists of individual brush strips installed in five rows, which means they can be easily replaced if necessary.

The push broom is well suited for landscaping, tree care, and property maintenance job sites.

Optional short side brushes can be mounted on the ends of each broom preventing debris from escaping from either side.

There are several ways to attach the push broom on the loader. The standard way is to mount it on the attachment coupling plate of the loader. It is also possible to grab the broom with the root grapple, by first removing the standard mounting frame on the broom.

In addition, there are adapters available which allow grabbing the broom with silage fork and XL silage grab, or with timber grabs with rotator (A37456 and A37457). This makes working faster: for shorter sweeping jobs as it is not necessary to take off the silage fork or timber grab from the loader.

- ✓ **Economical and simple broom – consists of brush strips mounted in five rows**
- ✓ **No rotating parts → less dust when sweeping**
- ✓ **Well suited for all round sweeping and wood waste cleaning**
- ✓ **Side brushes and adapters for silage forks and timber grabs with rotator available as an option**

| | | | |
|------------|---------|---------|---------|
| Width | 47.2 in | 59.1 in | 78.7 in |
| Weight | 117 lb | 132 lb | 159 lb |
| Product no | A449770 | A437121 | A36453 |

Option:

| | |
|--------------------------------------|---------|
| Side brushes | A447166 |
| Adapter for silage forks | A447080 |
| Adapter for timber grab with rotator | A449113 |



✓ Compatible
— Not recommended
✗ Incompatible



High pressure washer

This washer combines low water consumption with high water flow and pressure. High pressure water washes dust, sand and debris out of asphalt, concrete and similar surfaces and doesn't emit dust after drying. Low water consumption makes it possible to clean larger areas with a single pass.

The washer series features three models with different water tank volumes: 73 gal on model S, 147 gal on model M and 221 gal on model L. All washers are equipped with both an angling nozzle bar for street cleaning and a handheld wand with 65 foot retractable hose reel.

Max. water flow and pressure on models S and M are as high as 7 gal/min and 2900 PSI, and on the largest model L the 13 gal/min max. water flow and 3190 PSI pressure make it a very efficient cleaning machine.

Nozzle bar angling is hydraulic on models M & L, operated from the driver's seat. Model S is equipped with manual angling.

- ✓ **Efficient high pressure washers, equipped with both a nozzle bar for street cleaning and with a handheld washing gun**
- ✓ **Three models: S, M and L with water tank volumes of 73 gal, 147 gal and 221 gal respectively**
- ✓ **Models M & L equipped with hydraulic nozzle bar turning for professional street cleaning**



| Model | S | M | L |
|---------------------|-----------|-----------|------------|
| Max. water flow | 7 gal/min | 7 gal/min | 13 gal/min |
| Max. water pressure | 2900 PSI | 2900 PSI | 3190 PSI |
| Water tank volume | 73 gal | 147 gal | 221 gal |
| Working width | 59 in | 71 in | 79 in |
| Nozzles | 8 pcs | 9 pcs | 9 pcs |
| Weight | 210 lb | 503 lb | 610 lb |
| Product no | A37012 | A37013 | A37014 |

The optional Opticontrol® is required on the loader with hydraulic turning on models M & L.

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|---|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| M | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| L | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | — | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

✓ Compatible
 — Not recommended
 ✗ Incompatible

Artificial turf attachment ATA1200

The artificial turf attachment ATA1200 is made for professionals. It cleans, filters & returns the infill in a single pass. The fully hydraulic system powered with Avant performs the cleaning tasks efficiently, economically and with a very low impact footprint in all artificial surfaces.

The regular cleaning and maintenance of the artificial surface reduces compaction and retains the optimum surface conditions and playing dynamics year-around. Well maintained sport surfaces also reduce the risk of acute and chronic injuries.

- ✓ **Rotating main brush**
- ✓ **Turbine powered dust and fine particle extraction system including 2 collection hoppers**
- ✓ **Adjustable and interchangeable sieving chamber with 2 large rear hoppers to collect larger debris**
- ✓ **Rubber/cork infill sieve as standard, other sieves available as an option**
- ✓ **Refill unit operating at 1.5x the ground speed to put back the cleaned rubber and soil**
- ✓ **Foldable following brush at the back of the unit to level the infill and finish the cleaning**

Option:

Rear brush at the back of the unit to level the infill and finish the cleaning, A37035

Front rake for deep cleaning of the field, A37061

Sand sieve, A421389

Deep cleaning sieve, A421391

Tilt adapter 90 degrees, to be able to access through smaller gates and corridors (requires optional second auxiliary hydraulics outlet in the front) A36505

ATA Speed Valve: Reduces machines speed while allowing full engine RPM.



| | |
|--------------------------------|---------|
| Working width | 47.2 in |
| Weight | 794 lb |
| Product no, without rear brush | A36494 |
| Product no, with rear brush | A37230 |

includes rubber/cork infill sieve, without front rake

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | ✗ | ✗ | ✗ | ✗ | ✗ | — |



Compatible



Not recommended



Incompatible

New

Sand spreader 1000 & 1250

The hydraulic sand spreaders feature bucket type design and are front mounted as standard, which allows loading from ground level in the same way as with normal bucket. The spreading amount can be adjusted with a lever, located on the side of the spreader. There is also a rubber blade which prevents the sand from coming out by itself. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging, and two support legs. Rear mounting is possible on model 1000 on 528, 530, 600, 700 and 800 series – either on the designated attachment mounting plate or on the hydraulic rear lift of 700 and 800 series. Rear mounting requires the optional rear auxiliary hydraulics outlet on the loader, and also the optional control switch pack for rear mounted attachments if the spreader is mounted on the 700/800 series hydraulic rear lift.

- ✓ **Hydraulic spreaders with bucket type design, front mounted as standard**
- ✓ **Rear mounting possible on 528, 530, 600, 700 and 800 series**
- ✓ **Robust design, well suited for professional use**
- ✓ **Easy adjustment of spreading amount with a lever**
- ✓ **Equipped with two support legs**

Options:

A429959 Rear lights
(require the optional 7-pin trailer socket on the loader)
A37315 Mounting plate for 200 series, increases tilting angle by 30°
A455026 Rear mounting plate, 528/530 & 600 series
A441613 Rear mounting plate 700 series
A441666 Rear mounting plate 800 series
A427547 Hydraulic rear lift 700 series
A438490 Hydraulic rear lift 800 series

| Model | 1000 | 1250 |
|---------------|---------|---------|
| Working width | 39.4 in | 49.2 in |
| Volume | 315 l | 390 l |
| Total width | 45.9 in | 55.9 in |
| Length | 34.1 in | 34.1 in |
| Height | 31.7 in | 31.7 in |
| Weight | 400 lb | 465 lb |
| Product no | A454455 | A454499 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|------------|------------|------------|------------|-----------------|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|
| 1150 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 1500 | ✗ | ✗ | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| | Compatible | Compatible | Compatible | Compatible | Not recommended | Not recommended | Compatible | Compatible | Compatible | Compatible | Compatible | Compatible | Compatible | Compatible | Compatible | Not recommended |

New

Sand spreader 1500 & 2000

The hydraulic sand spreaders 1500 and 2000, with volumes of 140 gal and 187 gal respectively, are intended for 700 and 800 series – the larger 2000 model for 800 series only. They are front mounted only and feature bucket type design which allows loading like with a normal bucket. As standard, the spreading amount can be adjusted with a lever, located on the side of the spreader. Electric spreading amount adjustment is available as an option. The spreaders are also equipped with a mixing shaft which prevents the sand from clogging and a rubber blade under the spreading shaft which prevents the sand from coming out by itself. Two support legs for free standing are standard equipment. A durable cover to protect from moisture and spillage is available as an option.

- ✓ Hydraulic spreaders with bucket type design, front mounted only
- ✓ Robust design, well suited for professional use
- ✓ Spreading shaft made of durable Hardox steel
- ✓ Mixing shaft which prevents the sand from clogging
- ✓ Easy adjustment of spreading amount with a lever
- ✓ Two support legs



Options:
A460233 Cover, sand spreader 1500
A459651 Cover, sand spreader 2000
A457917 Electric spreading amount adjustment

| Model | 1500 | 2000 |
|-----------------|---------|---------|
| Spreading width | 59" | 79" |
| Volume | 140 gal | 187 gal |
| Total width | 66.2 in | 85.9 in |
| Length | 41.1 in | 41.1 in |
| Height | 41.4 in | 41.4 in |
| Weight | 675 lb | 830 lb |
| Product no | A458004 | A457676 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1500 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| 2000 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ |

Centrifugal sand / salt spreader

The centrifugal sand or salt spreader is the right choice for winter maintenance of large areas. Both the spreading area (6 to 20 ft) and the spreading amount can be adjusted either manually (standard) from the side of the spreader - or electrically from the driver's seat (option). This guarantees fast and efficient spreading.

- ✓ **Fast spreading on large areas**
- ✓ **Spreading width and amount adjustable: manual adjustment as standard, electric adjustment available optional**
- ✓ **Rear mounting also possible, on 700 and 800 series**



Option:

Electric spreading amount and width adjustment A37301

* The loader must be equipped with attachment control switch pack (option)

Hook agitator (for fine sand and salt) 65851

Chain vibrator/agitator (for gravel and gravel/salt mix) 66378

Road traffic light kit* (for rear mounted spreader) A441253

* Requires the optional 7-pin trailer socket A418817 on the loader

| | |
|--------------------------|-----------|
| Spreading width | 31-240 in |
| Volume | 8.8 cu ft |
| Max. load | 1100 lb |
| Weight | 287 lb |
| Product no., front mount | A21183 |

Rear mounting is also possible on 700 and 800 series, on the optional attachment mounting plate A441613/A441666 or on the hydraulic rear lift A427547/A438490. It requires the optional auxiliary hydraulics outlet in the rear. If electric spreading amount and width adjustment is fitted, also the optional attachment control switch pack for rear mounted attachments must be installed.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |



Compatible



Not recommended



Incompatible



New

Electric salt spreader

The electric powered salt spreader features a traditional bucket design and can be mounted on the front or rear of the loader. To avoid salt dust corrosion on the loader, rear mounting is recommended. The spreader is made of hot-dipped galvanized steel and the shaft of stainless steel.

The electric spreader is powered by a 12V electric motor and can be operated with switches on the optional Opticontrol control switch pack. Front mounting requires the optional Opticontrol for 12V supply. Rear mounting is possible on the 528, 530, 600, 700, and 800 series models - via designated attachment mounting plate, or on the hydraulic rear lift for 700 and 800 series loaders. Rear mounting requires the optional control switch pack for rear mounted attachments for 12V supply to the spreader.

- ✓ **Electric powered spreader with bucket type design**
- ✓ **Robust design, made of hot-dipped galvanized steel, with stainless steel shaft**
- ✓ **Can be mounted on the front or on the rear**
- ✓ **Rear mounting possible on 528, 530, 600, 700 and 800 series, recommended to avoid salt dust on the loader**

Option:
A429959 Rear lights (require the optional 7-pin trailer socket on the loader)
Optional mounting plates on the loader:
A455026 Rear mounting plate, 528/530 & 600 series
A441613 Rear mounting plate 700 series
A441666 Rear mounting plate 800 series
A427547 Hydraulic rear lift 700 series
A438490 Hydraulic rear lift 800 series

| Model | 1000 |
|-----------------|----------|
| Spreading width | 39.4" |
| Volume | 37.4 gal |
| Total width | 45.9 in |
| Length | 24.8 in |
| Height | 25.8 in |
| Weight | 265 lb |
| Product no | A454073 |

220

225

423

523

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635i

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Compatible

Not recommended

Incompatible



Towable sand / salt spreader

The towable sand / salt spreader is a very handy and economical attachment for winter maintenance of yards and walkways. Power to the spreader shaft is taken mechanically from the wheels. Wheels are equipped with a clutch which allows transporting without sand spreading. Equipped with a 2 inch trailer coupling.

Attention: The loader must be equipped with the 2 inch ball hitch A417337.

- ✓ **Economical spreader, quick to attach on the trailer coupling**
- ✓ **Mechanical power taken from the wheels – no need for rear auxiliary hydraulics**
- ✓ **Includes a durable rain cover to protect from moisture and spillage**



| | |
|-----------------|------------|
| Spreading width | 39.4 in |
| Width | 59.1 in |
| Volume | 60.8 gal |
| Weight | 187 lb |
| Operation | Mechanical |
| Product no | A415430 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Vacuum brush

The vacuum brush is intended mainly for collecting of tree leaves in parks, lawns, yards etc. The powerful vacuum unit sucks the waste first into the vacuum on the bottom of the collector box and then into the box, compacting everything into a tight package. The mouthpiece on the vacuum is equipped with a 51.2 in wide rotary brush which loosens also more compacted and wet leaves and waste. Brush rotation speed can be adjusted seamlessly.

The collector box (same box as on A37411 Collecting lawn mower 1500) is mounted on top of the vacuum unit. It is equipped with large transparent plastic windows so that you can easily monitor how the box is filling up. The box is emptied by opening the lid (powered by a hydraulic cylinder) from Avant's driver seat and then lifting the boom so the collected waste can be tipped into a container, skip etc.

- ✓ **Efficient leaf collector**
- ✓ **Large volume collector box allows fast collecting**
- ✓ **Equipped with Optifloat® -system, works well on uneven surfaces also**
- ✓ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- ✓ **Easy emptying thanks to hydraulic lid opening from Avant's driver seat**



| | |
|----------------------|------------|
| Working width | 51.2 in |
| Total width | 62.6 in |
| Collector box volume | 28.0 cu ft |
| Length | 60.6 in |
| Height | 46.9 in |
| Weight | 960 lb |
| Product no | A428800 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Leaf blower

With the leaf blower you can easily and quickly move away large amount of leaves from lawns, yards, sidewalks etc. The hydraulic motor powered blower is very efficient and the big tiltable nozzle blows the leaves away from a large area.

The leaf blower is equipped with electric rotation which allows pointing of airflow exactly to desired direction. Rotation angle is 90° to the left and 145° to the right from the straight forward pointing direction – 235° altogether. Vertical adjustment of the nozzle is manual as standard; stepless electric adjustment is available as an option.

- ✓ **Efficient hydraulic motor powered leaf blower**
- ✓ **Electric 235° rotation as standard**
- ✓ **Manual nozzle adjustment as standard – electric adjustment available as an option**



Option:
Electric nozzle adjustment A430172

| | |
|----------------|------------|
| Length | 22.0 in |
| Width | 26.9 in |
| Height | 16.0 in |
| Nozzle width | 8.6 in |
| Rotation angle | 235° |
| Max air flow | 3085 yd³/h |
| Max air speed | 340 ft/s |
| Weight | 187 lb |
| Product no | A442927 |

The optional Opticontrol® attachment control switch pack is recommended on the loader, for operating the electric rotation of the leaf blower. If the blower is equipped with the optional electric tilt of nozzle, Opticontrol® is required on the loader.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|--------------|-------------------|----------------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| — | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | | ✓ Compatible | — Not recommended | ✗ Incompatible | | | | | | | | | |



Leguan 50 access platform

Avant and its daughter company Leguan Lifts have joined their forces and created an access platform which is mounted directly into Avant loaders quick attach plate. The result is an inexpensive, handy and easy to use access platform. With the help of this lift Avant's versatility is further increased on the job sites.

The Leguan 50 is mounted directly on to loader's quick attach plate any other Avant attachment. This makes it fast and easy to mount it and remove it.

The lift is designed according to all access platform directives and it is CE-certified. The safe working load for the lift is 440 lb.

- ✓ **An inexpensive access platform with 197" working height**
- ✓ **Safe and legal way to do building repairs, painting, light bulb changes etc.**
- ✓ **The maximum allowed load on the basket is 440 lb and you are able to use the lift alone**
- ✓ **Leguan 50 is attached to Avant which makes it easy to set it up in virtually all kinds of terrains**
- ✓ **The Leguan 50 access platform gives even further possibilities to use your Avant on work sites**



| | |
|--------------------------------|---------|
| Max. allowed load | 440 lb |
| Max. working height | 197 in |
| Height (with lowered platform) | 74.8 in |
| Width | 51.2 in |
| Weight | 893 lb |
| Product no | A34812 |



Tipping trailer

The Avant tipping trailer is available in two models: with carrying capacity of 2650lb or 4000lb. Both are equipped with hydraulic tipping. All sides can be removed if necessary. Extra side set is available as an option for the smaller model and is standard on the bigger model.

Attention: The loader must be equipped with the double acting rear auxiliary hydraulics outlet and the 2 inch ball hitch.

- ✓ **Robust and versatile tipping trailers, well suited both for earthmoving and lighter jobs**
- ✓ **All sides can be removed if necessary – giving a completely flat bed**
- ✓ **Hydraulic tipping on both models**
- ✓ **Equipped with 5 bolt wheel hubs**
- ✓ **Both models equipped with a swivel hitch (rotating trailer coupling)**



Option:
Road traffic kit A450705
(Requires the optional 7-pin trailer socket A418817 on the loader)
Extra side set (A45193) for 1200 model

| Model | 1200 | 1800 |
|-------------|------------|--------------|
| Max. Load | 2650 lb | 4000 lb |
| Width | 44.3 in | 53.1 in |
| Length | 67.3 in | 88.2 in |
| Tire size | 23x8,50-12 | 320/60-12 HD |
| Side height | 11.0 in | 22.0 in |
| Weight | 776 lb | 1100 lb |
| Product no | A450448 | A450459 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1800 | ✗ | ✗ | – | – | – | – | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | – |



Compatible



Not recommended



Incompatible



The mower is mulching type as standard. Side discharge kit is available as an option.

- ✔ **Optifloat® floating system** guarantees easy operation and excellent mowing result even on uneven lawns
- ✔ **Safety valve** stops the blades when the mower is lifted off the ground
- ✔ **The stamped steel deck** makes mowing more efficient and keeps the deck cleaner



| | |
|----------------|--------------|
| Cutting width | 47.2 in |
| Blades | 2 pcs |
| Cutting height | 1.0 - 4.0 in |
| Weight | 375 lb |
| Product no | A35965 |

✓ 220 **✓** 225 **✓** 423 **✓** 523 **✓** 528 **✓** 530 **✗** 635i **✗** 640i **✗** 645i **✗** 650i **✗** 735i **✗** 755i **✗** 760i **✗** 855i **✗** 860i **e527**

 Compatible
 Not recommended
 Incompatible

Lawn mower 1500

Avant's biggest lawn mower is intended for professional lawn mowing and larger areas. The mower can be modified to right type of mowing for different circumstances. This powerful mower allows a higher drive speed and perfect cut even on challenging conditions.

Our Optifloat® system allows for the large vertical movement of the cutting deck which guarantees efficient cutting as the deck follows the ground contours on any terrain. Two indicator arrows on the quick attach plate make adjustment of the floating very easy. When the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly. The floating system is also equipped with a safety valve, which stops the blades when the mower is lifted off the ground. The wheels are foam filled, puncture free rubber tires.

- ✓ **Optifloat® floating system guarantees easy operation on uneven lawns**
- ✓ **More cutting power for challenging mowing conditions**
- ✓ **Side discharge as standard, mulching kit available as an option**
- ✓ **Rounded edge design reduces damage to trees, buildings, etc. in case of contact**
- ✓ **Puncture free, foam filled tires**
- ✓ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**



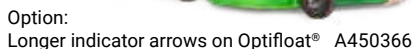
Option:
Mulching kit A34530
Longer indicator arrows on Optifloat® A450366

| | |
|----------------|--------------|
| Cutting width | 59.0 in |
| Blades | 3 pcs |
| Cutting height | 1.0 - 4.0 in |
| Height | 17.7 in |
| Weight | 630 lb |
| Product no | A37548 |

| | | | | | | | | | | | | | | | |
|------------|-----|-----|-----------------|-----|-----|--------------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Compatible | | | Not recommended | | | Incompatible | | | | | | | | | |



Higher indicator arrows from Optifloat are available as an option, for better visibility from the driver's seat, particularly on the Avant 800 series.



- ✔ **Efficient and professional lawn mower for larger areas**
- ✔ **Optifloat® floating system guarantees easy operation and good mowing result also on uneven lawns**
- ✔ **Fast and easy floating adjustment with indicator arrows on the Optifloat®**
- ✔ **Mulching mower as standard – rear discharge also possible by removing the mulching plate**
- ✔ **Puncture free, foam filled rubber tyres**

| | |
|----------------|--------------|
| Cutting width | 70.9 in |
| Blades | 3 pcs |
| Cutting height | 1.0 - 4.0 in |
| Height | 20.9 in |
| Weight | 685 lb |
| Product no | A449184 |

Collecting lawn mower 1200

With the Avant collecting mower 1200 you can easily mow and collect the clippings. Due to its powerful vacuum fan, the unit collects leaves as well.

The mulching blades crush the debris into a very fine material which then moves to the collector and forms a tight and compact package. The cutting waste is ideal material for composting. Collector capacity is as big as 55.5 gal, which enables cutting of small to medium sized areas. Emptying of the collector is very easy: lift the mower up from the ground with Avant's boom then tilt the mower downward until the grass waste pushes the lid open and the waste comes out. The Optifloat® floating system, developed by Avant, guarantees optimal contact with the ground on uneven lawns. Two indicator arrows on the quick attach plate make adjustment of the floating very easy: when the mower is on level surface and the arrows meet, Optifloat® is adjusted correctly.

- ✓ **Powerful mower with a collector unit**
- ✓ **Can also be used for collecting leaves on lawns**
- ✓ **Vacuum fan can be turned off and the unit can be used as a mulching mower only**
- ✓ **Automatic lid opening on collector box, by tilting the mower downward**
- ✓ **Optifloat® floating system guarantees easy operation and good mowing result on uneven lawns**



Option:
Mounting plate for 200 series, increases tipping angle by 30° A37315

| | |
|----------------------|--------------|
| Cutting width | 47.2 in |
| Blades | 2 pcs |
| Cutting height | 1.0 - 4.0 in |
| Collector box volume | 7.4 cu ft |
| Product no | A35973 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Collecting lawn mower 1500

Collecting mower designed for professional use with 59" cutting width and 28 cu ft collector box. The powerful vacuum also makes it possible to collect leaves on lawns. The blades cut the grass, tree leaves etc. to a fine mulch which packs tightly into the collector box.

Collector box volume is designed to be large enough for professional use in larger areas. Lid opening is hydraulic and operated from Avant's driver seat. By lifting the loader boom and tilting the mower forward the collector box can be emptied. Collector box is pivoted in the front and can be tilted forward for easier maintenance. Two indicator arrows on the Optifloat® quick attach plate make adjustment of the floating very easy.



Option:
Mulching kit A34530
Longer indicator arrows on Optifloat A450366

- ✓ Equipped with Optifloat® system
- ✓ More cutting power for challenging mowing conditions
- ✓ Vacuum fan can be turned off and the unit can be used as a mulching mower only
- ✓ Rounded edge design reduces damage to trees, buildings, etc. in case of contact
- ✓ Puncture free, foam filled tires
- ✓ Fast and easy floating adjustment with indicator arrows on the Optifloat®

| | |
|----------------------|--------------|
| Cutting width | 59.0 in |
| Height | 43.3 in |
| Blades | 3 pcs |
| Cutting height | 1.0 - 4.0 in |
| Collector box volume | 28.0 cu ft |
| Product no | A37411 |

The optional Opticontrol® is recommended on the loader.

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Cutting bar

The cutting bar is used for the mowing of hay, grass and trimming the bushes and hedges. Due to side mounting and angle adjustment below ground level mowing of slopes. Guide plates under the bar support the cutting blades when mowing.

Spring loaded release mechanism allows the bar to move backwards if it hits an obstacle. Cutting angle can be adjusted manually with the hand winch. Electric cutting angle adjustment is available as an option.

- ✓ **Robust and economical long hay cutter and hedge trimmer**
- ✓ **Cutting angle adjustment below ground level allows easy mowing of slopes**
- ✓ **Spring loaded release mechanism for increased safety - cutting bar gives in when hitting an obstacle**
- ✓ **Electric cutting angle adjustment available as an option**



Option:
Electric cutting angle adjustment A35975

| | |
|------------------|---------|
| Cutting width | 57.1 in |
| Transport width | 35.6 in |
| Transport height | 70.0 in |
| Weight | 220 lb |
| Product no | A35676 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

✓ Compatible
 — Not recommended
 ✗ Incompatible



Flail mower

Flail mower is a drum-type cutter, intended for cutting long grasses, shrubs, bushes and similar vegetations. It will cut up to 0.8" thick tree branches with ease.

Flail mower is the optimal cutting device for places where you need a lot of cutting power and a rougher cut will do. The most common applications for flail mower are places with taller vegetation like meadows, road sides, fields etc.

- ✓ **Cutting deck design improves cutting result and requires less power from the engine and hydraulics**
- ✓ **Flails are mounted in spiral on the shaft which makes cutting more efficient**
- ✓ **Direct drive: hydraulic motor mounted directly on the shaft**
- ✓ **Floating system allows free vertical movement, and the floating can be set so that the mower can tilt freely forward and backward as well**
- ✓ **Rear roller offers better stability and less resistance when mowing**



Optional flail types:
 A419931 Y-flails, pair
 A420305 L-flails, pair
 16 Pcs/47.2 in mower, 18 Pcs/53.1 in mower, 20 Pcs/59 in mower
 Rear roller cleaning bar 47.2 in/A455171, 53.1 in/A455164, 59 in/A453690
 Hydraulic oil cooler* A450884

*) The optional Opticontrol® is recommended on the loader.

| | | | |
|--------------------------|---------------|---------------|---------------|
| Cutting width | 47.2 in | 53.1 in | 59 in |
| Total width | 62.2 in | 68.1 in | 74 in |
| Cutting height | 1 - 4 in | 1 - 4 in | 1 - 4 in |
| Standard flails type/pcs | hammer 16 pcs | hammer 18 pcs | hammer 20 pcs |
| Weight | 530 lb | 575 lb | 595 lb |
| Product no | A36730 | A441550 | A36015 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — |
| 1350 | ✗ | ✗ | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | ✗ |
| 1500 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Hydraulic side arm S30

The hydraulic side arm with S30 quick attach system can be equipped with attachments that have the corresponding S30 quick attach bracket.

The side arm is equipped with a straight telescopic arm and a tilting jib arm. The telescopic arm extends up to 39.4" hydraulically to the side, and the jib arm movement is up to 45° down and 90° up from horizontal position.

The side arm is equipped with a hydraulic release mechanism, and the hydraulic release pressure can be adjusted and measured. The attachment which is mounted on the side arm will give backwards when it hits an obstacle. The side arm will come back to normal position as soon as the attachment is tilted downwards.

Avant 400 lb side weight kit A49063 is available as an option. It is necessary with heavier attachments like the A37505 S30 flail mower 47.2".



Option:
Adapter, for mounting a standard attachment on S30 side arm A460243
Extension arm, with manual telescoping 550-950 mm A464146

- ✓ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- ✓ **Telescope and jib arm movement speeds are adjustable**
- ✓ **The jib arm floats hydraulically upwards, in case of encountered obstacles**

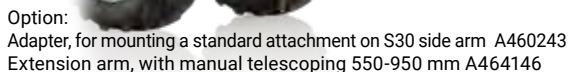
| | |
|-------------------------|---------------|
| Max attachment weight | 1100 lb |
| Telescoping to the side | max. 39.4 in |
| Max width | 73.6-101.6 in |
| Jib arm movement | 135° |
| Weight | 550 lb |
| Product no | A448736 |

The optional Opticontrol® is required on the loader. (requires also 6 or 8 function joystick on the loader).

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ Compatible — Not recommended ✗ Incompatible | | | | | | | | | | | | | | | |



The side arm is pivoted in the middle, locked with a pin, and can be turned manually up and down with 45° steps – and even 180° to the other side, which makes it possible to work either on the right or on the left side of the loader. An adapter which allows mounting an attachment with standard Avant quick attach on the S30 side arm is available as an option.



- ✔ **Versatile side arm, can be fitted with hedge cutter bar, weed brushes etc.**
- ✔ **Equipped with a mechanical, manually extendable straight telescopic arm and a hydraulic jib arm**
- ✔ **Telescoping to the side max. 39.4", jib boom movement max 45° down and 90° up from horizontal position**
- ✔ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**

| | |
|-------------------------|--------------|
| Max attachment weight | 440 lb |
| Telescoping to the side | max. 39.4 in |
| Max width | 64.8 in |
| Jib arm movement | 135° |
| Weight | 285 lb |
| Product no | A431070 |

The optional Opticontrol® is required on the loader.

New

Extension arm on S30 side arms

The optional extension arm with manually extendable telescope can be mounted both on the hydraulic and on the mechanical S30 side arm. It gives extra outreach and working height with certain S30 attachments like the branch cutter and cutting bars. The extension arm can be locked with a bolt in four different outreach positions: without telescoping 21.7 in, then 24.4, 30.7 or 37.4 in. The arm also comes with the hydraulic hose extension kit A412129 (3 pcs 31.5 in long hoses) for the attachment.

Max. load on the extension arm is 220 lb, which means the following S30 attachments can be mounted on it: branch cutter, cutting bars and multi function drive unit.



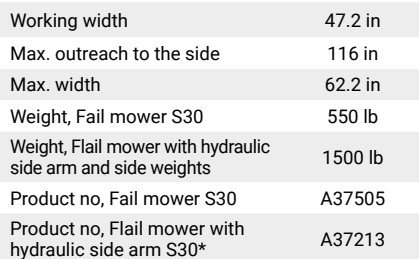
| | |
|------------|--|
| Outreach | four positions: 21.7, 24.4, 30.7, 37.4 in |
| Max. load | 220 lb |
| Weight | 49 lb |
| Product no | A464146 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ Compatible — Not recommended ✗ Incompatible | | | | | | | | | | | | | | | |



The S30 mower has otherwise the same 47.2" mower deck with hammer flails as the A36730 flail mower, but it is equipped with the high flow hydraulic motor of the 59" flail mower. This gives 25% higher efficiency/working width ratio than on the 59" flail mower, and 100 % higher than on the standard A36730 47.2" flail mower.

- ✔ **Easy mowing of road banks and gradients with the flail mower**
- ✔ **Outreach to the side max. 116 in**
- ✔ **Equipped with high flow hydraulic motor**
- ✔ **S30 quick attach system**



| | |
|------------------------------------|---------|
| Flail mower 1200 S30 | A37505 |
| Hydraulic side arm S30 | A448736 |
| Side weight kit 400 lb to side arm | A49063 |

The optional Opticontrol® is required on the loader.



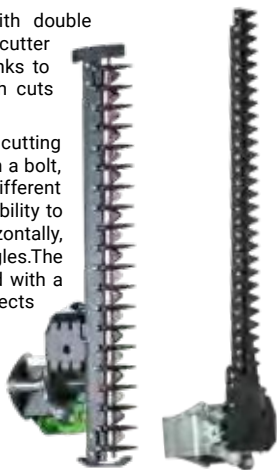


Cutting bar S30

There are two models of cutting bars which mount on the side arms with S30 quick attach system (both on the mechanical & hydraulic side arm). They cannot be mounted on the attachment coupling plate of the loader. The A430938 cutting bar is equipped with the same cutting blades and blade guides as the A35676 cutting bar. The frame and actuator mechanism are however stronger, which means the A430938 bar is optimized for hedge cutting. There are wear plates at each end of the cutting bar, useful when working on paved and asphalt surfaces.

The A434613 cutting bar with double knives is a more precise hedge cutter and makes a cleaner cut thanks to the double knife design which cuts the branches by sawing them.

The mounting bracket of the cutting bar is pivoted and locked with a bolt, and can be turned manually in different positions. This gives the possibility to for instance cut the hedge horizontally, vertically and in different angles. The cutting bars are also equipped with a pressure relief valve which protects the unit if it hits an obstacle.



A430938

A434613

- ✓ **Efficient and quick hedge cutter for higher hedges**
- ✓ **Cut both horizontally and vertically with the pivoting mounting bracket**
- ✓ **Two models**
- ✓ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**
- ✓ **More outreach with the optional extension arm on the S30 side arm**

| | | |
|---------------|---------|---------|
| Working width | 59 in | 59 in |
| Total width | 63 in | 70 in |
| Weight | 200 lb | 128 lb |
| Product no | A430938 | A434613 |

The optional Opticontrol® is required on the loader.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Rotary hedge cutter S30

The rotary hedge cutter S30 is an efficient attachment for cutting of shrubs, bushes, hedges, and similar vegetation. It is equipped with three rotors with 4 cutting blades on each rotor. The blades are mounted in two different heights 2+2 on the rotor which – together with the outside rotors rotating inwards - means that they mulch the material into small bits which don't need to be collected after cutting. The rotary hedge cutter can be mounted both on the mechanical side arm and on the hydraulic side arm. With Avant 600 series the optional 400 lb rear side weights A49063 are recommended on the loader for better stability.



- ✓ **Efficient hedge cutter on S30 side arms, works both in horizontal and vertical position**
- ✓ **Equipped with three rotors with 4 cutting blades each**
- ✓ **Mulches the material into small bits eliminating need for waste collection**
- ✓ **S30 attachment's hydraulic hoses are connected to the side arm with Multi connector**

| | |
|----------------|----------------------|
| Working width | 51.2 in |
| Total width | 57.9 in |
| Cutting height | 1.0 – 4.0 in |
| Blades | 12 pcs (4 pcs/rotor) |
| Length | 40.4 in |
| Height | 15.2 in |
| Weight | 441 lb |
| Product no. | A435550 |

The optional Opticontrol® is required on the loader.

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |

New

Branch cutter S30

The branch cutter which mounts on the S30 side arms – both on the hydraulic and the mechanical side arm – is a fast and efficient tree trimmer. The 27.6 in diameter circular sawblade cuts the branches cleanly and, if needed, also small trees. When removing tree branches the sawblade is in vertical position, but the blade can also be turned to a horizontal position and cut down small trees with the hydraulic tilting of the s30 side arm's jib boom.

The telescopic loader boom of Avant allows the cutting height to be as high as 157 in, depending on loader model, and the optional manually telescoping extension arm on the S30 side arm increases the outreach almost a further 39 in if needed. The adjustable side outreach of the S30 side arms, plus the optional extension arm give flexibility and allow cutting from various distances from the loader.

The optional Opticontrol® system is required on the loader for operating the branch cutter.

A loader with an enclosed cab (GT, DLX, LX) is recommended when working with the branch cutter. If the loader is equipped with the ROPS/FOPS safety frame or cab L, use of personal protective equipment – hard hat with visor, safety goggles etc. – is mandatory.

The branch cutter in above picture is mounted on the optional extension arm A464146

- ✓ **Efficient and fast branch and small tree cutter**
- ✓ **Cutting height as high as over 157 in, depending on loader model**
- ✓ **Mounts on S30 side arms only (hydraulic and mechanical side arm)**
- ✓ **Equipped with 27.6 in hard metal circular sawblade**
- ✓ **Sawblade can be tilted to vertical or horizontal position**
- ✓ **More outreach with the optional extension arm on the S30 side arm**



| | |
|----------------------|---------------------------------------|
| Blade diameter | 27.6 in |
| Total width | 31.7 in |
| Blade rotation speed | 750 rpm (at 15.9 gal/min oil flow) |
| Weight | 155 lb |
| Product no | A454450 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|--------------|-------------------|-----|------|----------------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | ✓ Compatible | — Not recommended | | | ✗ Incompatible | | | | | | | | |



Multi function drive unit S30

The multi function drive unit equipped with the S30 quick attach bracket is intended mainly for rotating different types of brushes – XL weed brush, XL wire rope brush and carousel broom. It can be mounted in horizontal or vertical position on the side arms with S30 quick attach system (both mechanical and hydraulic arm), but not on the attachment coupling plate of the loader. The S30 drive unit has the same 2 1/4 in square shaft for attachments as the A37190 Multi function drive unit, but is equipped with a lower torque and higher speed hydraulic motor and therefore works better with brushes. However, it doesn't have enough power to rotate auger drills or screw cone log splitter.

- ✓ Drive unit which mounts on S30 side arms
- ✓ Possible to mount in horizontal or vertical position
- ✓ Equipped with high speed hydraulic motor, intended for rotating different types of brushes
- ✓ Same 2 1/4 in square shaft for attachments as on the A37190 Multi function drive unit
- ✓ More outreach with the optional extension arm on the S30 side arm

| | |
|----------------|----------------------|
| Torque | 700 lb/ft @ 2900 psi |
| Rotation speed | 95 rpm @ 7.9 gal/min |
| Weight | 66 lb |
| Product no | A429926 |

The optional Opticontrol® is required on the loader.



- A37317 Carousel broom**
- Same 39.4 in replaceable brush as on A2971 Carousel broom, part no. A32698
 - Weight 150 lb



- A433646 Carousel broom, steel**
- 39.4" brush with steel bristles
 - Weight 150 lb



- A431157 XL wire rope brush**
- Brush with 32 pcs heavy duty wire rope bundles
 - Max. diameter 40"
 - Height 14.6"
 - Weight 80 lb

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |

✓ Compatible
 — Not recommended
 ✗ Incompatible



Fence mower

The fence mower is the perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc. It can also be used to remove weeds from road banks, around cornerstones and near buildings. The fence mower maneuvers around fence posts easily: when the cutting head comes in contact with the post the extension spring that is mounted between the mower frame and cutting head retracts the cutting head back allowing a smooth operation around the post. The tension and fastening point of the extension spring can be adjusted. In addition, there is a vertical floating system with 4 positions for aligning the cutting head.

The cutting head is equipped with two blades. Its edge is covered with a rubber bumper for damping impacts. The mower is equipped with a manually turnable arm allowing the cutting head to be turned in several different positions. The cutting head can be mounted pointing either to the right or to the left side. An adjustable support wheel is standard equipment as well.

- ✓ **Perfect attachment for cutting grass under fences, roadside crash barriers, around trees etc.**
- ✓ **Cutting head with 2 blades**
- ✓ **Vertical floating of cutting head**
- ✓ **Cutting head can be mounted pointing to the right or to the left**
- ✓ **Adjustable support wheel standard**



| | |
|--|-------------|
| Cutting width | 27.7 in |
| Cutting height | min. 2.4 in |
| Number of blades | 2 pcs |
| Maximum width in working position (cutting head on the right side) | 73.6 in |
| Minimum width in transport position | 46.1 in |
| Weight | 270 lb |
| Product no. | A440199 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Edge trimmer

The Avant edge trimmer is the perfect attachment for trimming the edges of lawns, hedges, flower beds etc. It consists of a hydraulically operated trimmer mounted next to a cutting disc.

The cutting disc cuts the lawn and the hydraulic trimmer breaks up any soil or lawn that is left to the side of the cutting disc. The edge trimmer leaves a good looking finish to any garden thanks to its adjustable cutting depth and precise control.

The edge trimmer is equipped with a manually extendable arm and can be turned in three different positions: the right, to the left, or to the front (transport position). Support wheel is available as an option.

- ✓ **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- ✓ **Hydraulic trimmer mills the soil efficiently**
- ✓ **Equipped with manually extendable arm**
- ✓ **Can be turned manually in three positions: to the left or right side, and to center transport position**
- ✓ **Support wheel available as an option**



Option:
Support wheel A36699

| | |
|--------------------------------|-----------|
| Cutting depth | max. 6 in |
| Cutting disc diameter | 18.1 in |
| Cultivating width | 6.1 in |
| Height | 22.8 in |
| Weight | 176 lb |
| Min. width in working position | 42.5 in |
| Product no | A36621 |

Edge trimmer with weed brush

The edge trimmer equipped with a weed brush edges your lawn while sweeping at the same time. It is intended for cleaning between curb stones and the edge of the lawn, and it can also be used for trimming the edge between lawns and paving, asphalt, concrete slab, etc.

The cutting disc can be lifted up so that the unit works as a weed brush only. The brush (A422665) is a heavy-duty wire rope brush, diameter 27.6 in as standard. Diameter of the cutting disc is 18.1 in. An adjustable and detachable splash guard and a foldable support wheel are standard equipment as well.

Working width (distance from the brush to the side from the loader's quick attach plate) can be adjusted manually max. 7.1 in, as well as the distance between the cutting disc and the brush. The cutting disc is spring loaded: the spring turns the disc parallel with the driving direction. The angle of the brush can be adjusted manually.

The unit can be mounted in three different positions: working on the right side or on the left side of the loader, or pointing to the front (transport position). Changing the working direction from the right to the left side of the loader requires tools and the left-handed mounting bracket A449096 for the cutting disc.

Option:
Brush with steel bristles A452184
Left-handed mounting bracket for cutting disc A449096
(allows mounting on the left side)

- ✓ **Cuts the lawn edge accurately, leaving a finished look on lawns, flower beds, driveways, walkways etc.**
- ✓ **The cutting disc can be lifted up so that the unit works as a weed brush only**
- ✓ **Efficient weed removal with rotating steel brush**
- ✓ **Support wheel as standard**

| | |
|----------------------------------|---------|
| Cutting depth max. | 5.9 in |
| Cutting disc diameter | 18.1 in |
| Brush diameter | 27.6 in |
| Max. width in working position | 55.5 in |
| Min. width in transport position | 33.7 in |
| Height | 27.2 in |
| Length | 34.1 in |
| Weight | 353 lb |
| Product no | A446497 |



✓ Compatible
 — Not recommended
 ✗ Incompatible



- ✔ **Efficient weed removal with rotating steel brush**
- ✔ **Equipped with manually extendable arm**
- ✔ **Splash guard as standard**
- ✔ **Can be turned manually in three positions: to the left or to the right side, and to center transport position**
- ✔ **Support wheel as standard**



Option:
Heavy duty wire rope brush A422665

| | |
|--------------------------|---------|
| Brush diameter | 23.6 in |
| Bristle material | steel |
| Height | 20.9 in |
| Length/Width (retracted) | 43.3 in |
| Weight | 187 lb |
| Product no | A36594 |

| | |
|------|---|
| 220 | ✓ |
| 225 | ✓ |
| 423 | ✓ |
| 523 | ✓ |
| 528 | ✓ |
| 530 | ✓ |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✓ |
| 860i | ✓ |
| e527 | ✓ |

New

Lawn aerator 1100

The lawn aerator 1100 features 90pcs knife type tines as standard. The unit is completely mechanical. While driving forward, the tines on the aerator shaft turn and make holes in the lawn. The 1100 aerator has no support wheels - on harder ground only the tines are in contact with the ground and on soft ground the shaft will act as support. Working depth is 4.1 in or 5.9 in (standard); the tines can be bolted in two different heights on the shaft. The 64 lb Avant back weights can be mounted on the sides to add weight if necessary. The aerator is also equipped with 4 support legs for storage. Both tubular hollow tines and solid round tines are available as options.

- ✓ **Working width 43.3 in, 90 pcs knife type tines as standard**
- ✓ **No support wheels – only the tines and the shaft are in contact with the ground**
- ✓ **Working depth 4.1 in or 5.9 in**
- ✓ **64 lb back weights can be mounted on the sides to add weight**
- ✓ **4 support legs for storage**
- ✓ **Solid round tines and tubular hollow tines available as an option**



Option:
Back weight 64 lb A35957
Optional tines:
Knife tine A427393
Tubular hollow tine A457152
Solid round tine A457278

| | |
|------------------|---------|
| Working width | 43.3 in |
| Total width | 55.1 in |
| Length | 66.9 in |
| Height | 37.4 in |
| Number of blades | 90 pcs |
| Weight | 530 lb |
| Product no. | A453046 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | ✓ |

✓ Compatible
— Not recommended
✗ Incompatible



Lawn aerator 1500

The lawn aerator is designed to create holes in the lawn surface which encourages free movement of soil. This helps to improve the circulation of air in the soil which is vital for a healthy lawn. The lawn aerator is completely mechanical – when driving forward with the loader the knife type blades on the aerator shaft turn and make holes in the lawn.

The aerator is equipped with 12 rows with 10 blades each, 120 pcs in total. Working width is 59.1 inches; working height can be adjusted with the nylon spacers on the four support wheels. The aerator is also equipped with mechanical support legs which lift the deck and blades off the ground for storage.

- ✔ **Easy and efficient lawn aerating by driving forward with Avant**
- ✔ **Equipped with knife type blades**
- ✔ **Two Avant 64 lb back weights can be mounted on the sides to add weight**



| | |
|---------------------|---------|
| Option: | |
| Back weight 64 lb | A35957 |
| Optional tines: | |
| Knife tine | A427393 |
| Tubular hollow tine | A457152 |
| Solid round tine | A457278 |

| | |
|------------------|---------|
| Working width | 59.1 in |
| Total width | 73.2 in |
| Length | 66.9 in |
| Height | 31.7 in |
| Number of blades | 120 pcs |
| Weight | 1260 lb |
| Product no. | A424201 |

| | |
|------|---|
| 220 | X |
| 225 | X |
| 423 | X |
| 523 | X |
| 528 | X |
| 530 | X |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✓ |
| 860i | ✓ |
| e527 | X |



Rotary hoe

The rotary hoe is the right attachment for soil cultivating, seed bed finishing and rotovating. It features direct drive with hydraulic motor mounted directly on the milling shaft. The curved blades guarantee efficient milling of the soil. A vertical grading rake with strong tines in front of the blades traps stones and debris, effectively allowing soil to bury them. This gives a finished seeding bed in a single pass. There is also an adjustable soil scraper blade between the milling shaft and the field roller. Working depth is smoothly adjustable with the rear field roller, up to 6.0 in.

- ✔ Efficient rotary hoe for soil cultivating
- ✔ Direct drive with hydraulic motor mounted directly on the milling shaft
- ✔ Vertical grading rake with strong tines in front of the blades which traps stones and debris
- ✔ Working depth is smoothly adjustable with the rear field roller
- ✔ Adjustable soil scraper blade between the milling shaft and the field roller



| Model | 1200 | 1350 | 1500 |
|---------------|--------------|--------------|--------------|
| Working width | 47.2 in | 53.1 in | 59.1 in |
| Roller width | 55.1 in | 61.0 in | 66.9 in |
| Total width | 60.2 in | 67.1 in | 72.0 in |
| Working depth | 2.0 - 6.0 in | 2.0 - 6.0 in | 2.0 - 6.0 in |
| Weight | 550 lb | 605 lb | 650 lb |
| Product no | A425119 | A443490 | A37430 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|--------------|-------------------|----------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1200 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | — | — | — | — | — | — | — | — | — |
| 1350 | ✘ | ✘ | ✘ | ✘ | — | — | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | — | — | ✘ |
| 1500 | ✘ | ✘ | ✘ | ✘ | ✘ | ✘ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✘ |
| | ✔ Compatible | — Not recommended | ✘ Incompatible | | | | | | | | | | | | | |



Power rake

The power rake is a versatile attachment for soil grading, levelling, raking, and removing of debris. It can be used for preparing seedbeds, cutting grades, grading dirt and gravel roads, and cleaning up and grading different types of sites.

The Power rake mills the soil to max. 2.6 in depth. The shaft is equipped with extra hard tungsten carbide teeth. While driving forward, the shaft rotates against the driving direction. The removable side plates make soil moving and directioning even more efficient. The rake is equipped with two adjustable support wheels and it can be turned to max. +/- 30 degrees angle.

The clearance between the frame and shaft of the power rake allows soil to move around the rake axle which guarantees efficient milling. There is also a splash guard above the axle.

Two models and working widths available: 58.3 in with manual or hydraulic turning, and 70.1 in with hydraulic turning (intended especially for 700 and 800 series).

- ✓ **Versatile attachment for preparing seedbeds, grading dirt and gravel roads, cleaning up building lots and sites etc.**
- ✓ **Easy removal and piling up of rocks and other debris by driving forward**
- ✓ **Available with manual or hydraulic turning, +/- 30 degrees**
- ✓ **Two models: with 58.3 in or 70.1 in working width**

| Model | 1500 | 1800 |
|--------------------------------|-------------|-------------|
| Working width | 58.3 in | 70.1 in |
| Total width | 69.8 in | 81.7 in |
| Working depth | max. 2.6 in | max. 2.6 in |
| Turning angle | +/- 30° | +/- 30° |
| Length | 47.6 in | 47.6 in |
| Height | 26.4 in | 26.4 in |
| Weight | 695 lb | 750 lb |
| Product no., manual turning | A449836 | - |
| Product no., hydraulic turning | A449672 | A445931 |

The optional Opticontrol® is required on the loader with hydraulic turning model.



| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1500 | ✗ | ✗ | ✗ | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 1800 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

✓ Compatible
 — Not recommended
 ✗ Incompatible



Rotary harrow

The rotary harrow is an excellent leveler for lawn beds, yards and gardens. It harrows the topsoil providing a nice finish for sowing. Required output is lower than that of the rotary hoe allowing a higher working speed. Working depth is adjusted with the rear field roller which levels the seeding bed during operation. With the optional seeding unit you are able to make a lawn-ready surface on one pass.

Rotary harrows are most commonly used for lighter topsoil levelling. The soil is normally not milled as deep or as thoroughly as with a rotary hoe.

- ✓ Professional, efficient rotary harrow for topsoil levelling
- ✓ Top grade finish with just one pass
- ✓ Can be equipped with seeding unit
- ✓ Requires less power than rotary hoe



Option:
Seeding unit for 1350 model (A21085)
Seeding unit for 1500 model (A21193)
Seeding unit for 1700 model (A415800)

| Model | 1350 | 1500 | 1700 |
|--------------------------|------------|------------|------------|
| Working width | 48.0 in | 55.1 in | 61.0 in |
| Roller width | 53.1 in | 59.1 in | 67.0 in |
| Working depth | 0 - 6.3 in | 0 - 6.3 in | 0 - 6.3 in |
| Weight | 485 lb | 550 lb | 640 lb |
| Weight with seeding unit | 575 lb | 640 lb | 730 lb |
| Product no | A21077 | A21185 | A21431 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|--------------|-------------------|----------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 1350 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — |
| 1500 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| 1700 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| | ✓ Compatible | — Not recommended | ✗ Incompatible | | | | | | | | | | | | | |



Seeding machine

The seeding machine is a professional mechanical surface seeding unit, intended for the precise seeding of lawns, different types of (flower) meadows, pastures etc. The rotating feeding roller with 12 nozzles provides accurate and reliable seed sowing, while allowing a wide seeding amount adjustment range of approx. 19 - 1140 oz/100 ft².

It is possible and advisable to make a seeding test before starting operation, in order to make sure that a right amount of seed goes to the ground. The seeding machine is equipped with 4.00-8 tractor tires and a manually operated support leg.

Rear harrow and rear field roller are available as an option, for finishing and compacting the surface. The seeding machine can be mounted either on the attachment coupling plate of the loader - in this case seeding happens by reversing with the loader - or it can be towed by mounting the optional Avant drawbar A37481 on the unit. In this case the loader must be equipped with the trailer ball hitch.

- ✓ **Efficient and professional attachment for seeding of lawns, meadows, pastures etc.**
- ✓ **Precise and widely adjustable seed feeding through 12 nozzles**
- ✓ **Seeding test can be performed before starting operation**
- ✓ **Can be mounted on the attachment coupling plate of the loader or towed with the optional Avant drawbar**



Options:

- Rear harrow (not when rear field roller) A450437
- Rear field roller (not when rear harrow) A450438
- Drawbar A37481

| | |
|------------------------|----------------------|
| Working width | 59.1 in |
| Total width | 74.4 in |
| Length | 35.0 in |
| Height | 42.1 in |
| Seed box volume | 10.2 gal |
| Seed amount adjustment | 19 - 1140 oz/100 ft² |
| Weight | 300 lb |
| Product no | A449473 |

220

225

423

523

528

530

635i

640i

645i

650i

735i

755i

760i

855i

860i

e527

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✓

✓

✓

✓

✓

✓

✓

✓

✓

116

Compatible

Not recommended

Incompatible



Leveller HD

The HD leveller is an incredibly useful and efficient attachment for quick levelling of uneven ground, mulch, yards, driveways etc. It is most commonly used in:

- preliminary lawn bed levelling
- yard and driveway sand and gravel levelling
- levelling of uneven ground

The leveller can also be used for lifting job site materials like sod rolls, tools etc.

- ✓ **Bucket cutting edge in the front and in the rear, allows breaking and cutting of the ground**
- ✓ **Straight vertical levelling edge in the rear**
- ✓ **Grate at the front, for picking up stones**
- ✓ **Two hook type brackets in the front, for transporting a bucket**
- ✓ **Scarifier bar in the rear, equipped with hooks. It can be turned manually for 5 different working depths, and can also be lifted up so that the leveller works without scarifying**



| | |
|---------------|-----------|
| Working width | 63.0 in |
| Total width | 64.2 in |
| Length | 41.3 in |
| Working depth | max. 4 in |
| Weight | 380 lb |
| Product no. | A427450 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ⊖ | ⊖ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Roller compactor

The roller compactor with mesh roller is a practical attachment for compacting soil when preparing for lawn seeding and right after lawn seeding. You are able to compact soil with the full 59.1 inch width of the roller and push down with the whole weight of the loader's front axle.

The other roller compactor model is equipped with a plain, hollow roller which can be filled with water (max. 44.1 gal). It is useful for preparing and compacting a newly installed sod and similar surfaces where a plain roller is a must and mesh rollers cannot be used. Both compactors can also be fitted with max. 4 pcs of Avant 64 lbs back weights. The compactors can also be towed, if needed, with the A37481 drawbar mounted on the compactor.

- ✓ **Easy and economical compacting of lawns before and after seeding with the mesh roller**
- ✓ **Plain roller is useful for compacting a newly installed sod and similar surfaces; can be filled with water**
- ✓ **Both models can also be towed with the A37481 drawbar**
- ✓ **4 pcs Avant 64 lbs back weights can be mounted to add weight**



| Model | Mesh roller | Plain roller |
|---|-------------|--------------|
| Working width | 59.1 in | 59.1 in |
| Total width | 63.2 in | 63.2 in |
| Roller diameter | 15.7 in | 16.0 in |
| Length | 24.0 in | 24.0 in |
| Weight, without extra weights and water | 220 lb | 430 lb |
| Water volume | - | 44.1 gal |
| Product no | A37064 | A37488 |



Front rake

The front rake is an uncomplicated and economical attachment for levelling of sand and gravel driveways, anywhere you want to have a nice looking finish. The spring loaded tines rake and level the ground efficiently. The rake can also be used for loosening and levelling of uneven soils.

There are two models available: one with normal tines and other with HD tines. The rake with stronger HD tines will also collect branches and other heavier material when levelling the ground.

- ✓ **Economical leveler for sand gravel driveways**
- ✓ **Works on soils as well**
- ✓ **Two models available: with normal tines or with stronger HD tines**
- ✓ **Can be mounted on all Avant models**
- ✓ **HD tines can be used to collect small branches**



| Model | Standard | HD |
|--------------|----------|---------|
| Width | 78.7 in | 78.7 in |
| Tine height | 9.6 in | 16.5 in |
| Total height | 22.1 in | 27.4 in |
| Weight | 77 lb | 124 lb |
| Product no | A36968 | A37357 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Ripper

The ripper is an inexpensive and practical tool in ground works. With the ripper it is easy to remove roots and rocks from hard packed ground. The replaceable hard metal teeth guarantee a long lifespan for the attachment.

The ripper is operated by pressing the three blades into the ground next to the object you wish to remove. With the teeth sunk into the ground, tilt the ripper inwards and then lift the boom upwards which will bring the object on top of the ground.

- ✓ **An inexpensive tool for removing rocks, tree stumps, roots etc. from the ground**
- ✓ **Eliminates a huge amount of manual work**



| | |
|---------------|-----------------|
| Width | 20.0 in |
| Working depth | approx. 12.0 in |
| Weight | 110 lb |
| Product no | A44412 |



Mulcher CR1400

The mulcher CR1400 is a heavy duty soil conditioner and vegetation remover. It clears vegetation and undergrowth and can crush small roots and tree stumps as well. This makes the mulcher a useful tool for clearing the soil and preparing it for seeding and planting. The rotor is equipped with replaceable carbide cutting teeth. Support skids are standard. They are pivoted which means they follow the contours of the cultivated surface, allowing very easy and accurate working depth adjustment. The mulcher can also be used for removal of ice and hard packed snow on multiple surfaces.

- ✓ Heavy duty soil conditioner – can crush smaller roots, tree stumps and branches
- ✓ Rotor with carbide cutting teeth
- ✓ Hardox steel frame
- ✓ Bolt mounted counter blades
- ✓ Support skids as standard
- ✓ Possibility to turn the direction of the rotor



Optional cutting teeth (60 pcs required on the mulcher):
A445791 Rectangular cutter
A445804 Conical carbide cutter (standard)
A445806 Heavy duty conical cutter
A445789 Shearing cutter
66392 & 66393 Cutters (same as on asphalt grinder)

| | |
|----------------|---------------------|
| Total width | 68.9 in |
| Rotor width | 53.1 in |
| Rotor diameter | 15.7 in |
| Rotation speed | 190 rpm @16 gal/min |
| Working depth | 0 - 27.9 in |
| Height | 26.4 in |
| Weight | 1190 lb |
| Product no | A436164 |

| | | | | | | | | | | | | | | | |
|------------|-----|-----|-----------------|-----|-----|--------------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Compatible | | | Not recommended | | | Incompatible | | | | | | | | | |



Screening bucket

The Avant screening bucket is a fast and efficient compact system for screening and blending soils, aggregates and compost. The durable and flexible star-shaped plastic Poly Star rollers screen without shredding the vegetation or crushing the aggregates into the finished screened product.

The unique design fitted with sealed bearings, self tensioning carbon belt driveline and flexible Poly Stars enables for a large screening area to create a low maintenance, fast and efficient screening system.

- ✔ Separates stone/soil/vegetation
- ✔ Screens without crushing or shredding
- ✔ Suitable for different types of soil



| | |
|----------------|----------------|
| Width | 47.24 in |
| Bucket volume | 10.59 cu ft |
| Screening area | 47.2 x 16.9 in |
| Weight | 860 lb |
| Product no | A36503 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | — | — | — | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — |
| <div> <div>✔ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |

New

Sod roller

With the sod roller it is easy to lay large sod rolls quickly and conveniently. Sod, also called turf, is the upper layer of soil with grass growing on it and is often harvested in rolls. The roller shaft is designed to slide through the center of the roll; then the roll is picked up by the attachment and the sod can be rolled out.

The sod roll can be mounted to roll out driving either forward or in reverse. Maximum width of the roll is 51.2 in. There are two adjustable and lockable width limiter discs on the shaft of the roller to support different width rolls. The attachment coupling plate on the roller is bolted in the middle as standard, but can be moved 9.8 in to the right or to the left from the centerline if needed.

The sod roller can also be used to handle other products on rolls (cable, barbed wire, wire etc.).

- ✓ Easy way to lay large sod rolls quickly and conveniently
- ✓ Sod roll can be mounted to roll out driving either forward or in reverse
- ✓ Two width limiter discs on the shaft to support different size rolls
- ✓ Can be also be used to handle other products on rolls



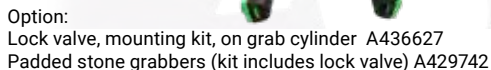
| | |
|-----------------------|---------|
| Maximum roll width | 51.2 in |
| Maximum roll diameter | 63 in |
| Total width | 64.6 in |
| Max. load | 2200 lb |
| Length | 43.5 in |
| Height | 14.2 in |
| Weight | 242 lb |
| Product no | A447696 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

✓ Compatible — Not recommended ✗ Incompatible



- ✔ Available with hydraulic rotator or as freely rotating version
- ✔ Can be equipped with padded stone grabbers



The optional Opticontrol® is required with grab with hydraulic rotator and padded stone grabbers, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).



Grabbing tool

The grabbing tool is mainly intended for lifting and handling of round objects. It is especially suited for lifting of barrels, plants and tree pots. Grabbing force can be adjusted, which means all kinds of objects can be handled without damaging them.

The grabbing tool is equipped with two smaller, rubber padded grabs which allow handling of smaller and more fragile objects. When the grab is opened completely it can take larger objects like barrels, bigger plant pots etc.

- ✓ **Easiest way to lift and transport plants, trees, barrels etc. without damaging them**
- ✓ **Excellent tool for nurseries and landscapers**
- ✓ **With the optional tilt adapter or attachment rotator mounted on the grabbing tool it is also to possible to rotate the objects**



Option:
Conical grabbers – for objects with conical shape like plant pots A421030
Barrel grabbers – for completely round objects like barrels A421031
Tilt adapter 90 degrees A36505
Attachment rotator A424406
(requires second auxiliary hydraulics outlet in the front)

| | |
|--------------------|---------|
| Min. grab diameter | 10.0 in |
| Max. grab diameter | 47.0 in |
| Max. load | 1430 lb |
| Weight | 210 lb |
| Product no | A34290 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|--------------|-----|-----|-------------------|------|------|----------------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | ✓ Compatible | | | — Not recommended | | | ✗ Incompatible | | | | | | |



Tree boom

The tree boom is a simple and practical attachment for handling bigger tree trunks, pipes etc. objects which need to be lifted and placed with accuracy. It is otherwise the same attachment as the Avant big bag lifter, but the manually adjustable telescoping boom doesn't have a hook – instead the boom is straight and equipped with a pin for attaching lifting slings. This allows lifting and planting bigger trees without the risk of damaging them. The frame design with side supports prevents the objects from swinging sideways.

The tree boom is useful in nurseries for planting trees, for arborist jobs like removing bigger trunks from yards and gardens, and also for utility jobs like setting pipes in trenches etc.

- ✓ **Easy way of handling tree trunks, planting bigger trees, laying pipes**
- ✓ **Manually adjustable telescoping boom, can be adjusted in four different heights between 44.7 – 66.3 in**
- ✓ **Side supports prevent sideways swinging of the objects**



| | |
|------------|----------------|
| Pin height | 44.7 – 66.3 in |
| Width | 43.3 in |
| Max. load | 1985 lb |
| Weight | 132 lb |
| Product no | A444137 |



Backhoe 170

The Avant backhoe 170 is a compact digging unit, intended mainly for Avant 200 series. The main focus in design was user friendliness and straight forward construction. The backhoe 170 is a small backhoe, which is at its best in tight situations where space is limited.

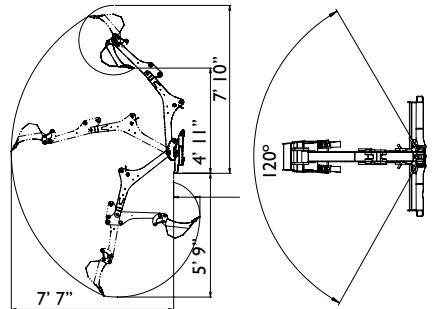
Boom movements are smooth and precise, which makes operation easier also for less experienced users. To facilitate the digging the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

- ✔ **Strong and compact backhoe**
- ✔ **Easy to connect and disconnect to Avant**
- ✔ **Smooth movements with precise control valve, easy to operate**
- ✔ **Designed for Avant 200 series**



Optional extras:
 Bucket 15.7 in A415230
 Bucket 29.5 in A35564

| | |
|--------------------|------------------|
| Max. Digging depth | 66.9 in |
| Standard bucket | 9.8 in / A415232 |
| Weight | 397 lb |
| Product no | A36848 |



220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Backhoe 210

The Avant backhoe 210's main focus in design is user friendliness and straight forward construction.

Boom movement speeds are seamlessly adjustable, which makes operation easier, especially for inexperienced users. To facilitate digging, the frame of the backhoe is as low as possible, which gives unrestricted visibility to the work area.

- ✓ **A powerful, strong and compact backhoe**
- ✓ **Easy to connect and disconnect to Avant**
- ✓ **Smooth movements with precise control valve, easy to operate**
- ✓ **Uncomplicated and economical backhoe**

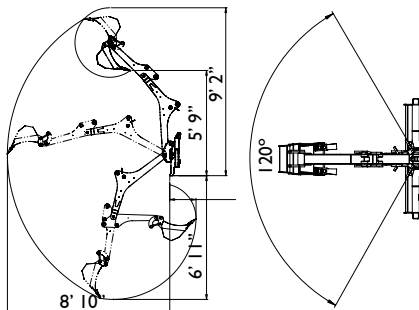


Optional extras:

Bucket 9.8 in A415232

Bucket 29.5 in A35564

| | |
|--------------------|-------------------|
| Max. Digging depth | 82.7 in |
| Standard bucket | 15.7 in / A415230 |
| Weight | 419 lb |
| Product no | A33747 |

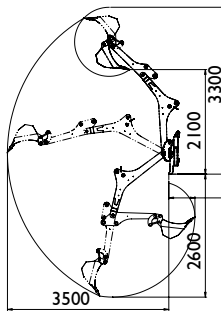


- | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |

✓ Compatible
— Not recommended
✗ Incompatible

Backhoe 260

The backhoe 260 has many improved features: Boom swing happens with two hydraulic cylinders, instead of the single cylinder and chain drive in the old models. The new system gives more exact boom movements when swinging and requires less service. Swing angle is 170 degrees. The backhoe 260 is equipped with hydraulic outriggers as standard. The operator can easily adjust the outriggers with the lever on the backhoe control valve. This allows quick and easy set up also on uneven terrains. Changing of bucket is easy thanks to the quick attach mechanism. Mounting the backhoe on Avant is very fast, and the new foldable control valve bank and locking system on the boom make it even easier.



Optional extras:

Bucket 9.8 in A414301

Bucket 29.5 in A35230

Bucket 39.4 in A35383

Quick attach adapter S30-150 with sideways tilt A35249, (not when thumb grab A435527)

Trapezoidal bucket 25.6 in A21638

Trapezoidal bucket 35.9 in A36374

Thumb grab A435527 (not when bucket tilt adapter A35249)



- ✓ **Powerful and professional backhoe with excellent outreach**
- ✓ **Hydraulic outriggers**
- ✓ **Bucket quick attach system S30-150**
- ✓ **170 degree boom swing angle with consistent speed**
- ✓ **Dozer blade on front frame**
- ✓ **Several bucket options**
- ✓ **Bucket sideways tilt adapter available as an option**
- ✓ **Thumb grab available as an option, for handling stones etc.**

| | |
|--------------------|-------------------|
| Max. Digging depth | 102 in |
| Width | 51.2 in |
| Boom swing angle | 170 ° |
| Standard bucket | 15.7 in / A414304 |
| Weight | 925 lb |
| Product no | A37510 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |



Compatible



Not recommended



Incompatible



The backhoe is equipped with a proportional control valve which guarantees easy and smooth operation and very exact movements of the booms and bucket with the joysticks of the remote control unit. If necessary, the movements can also be fine tuned. The required safety features like emergency stop, blinking light etc. are standard. The range of the radio remote control unit is about 330 ft. It is equipped with a rechargeable battery with approx. 11 hour working cycle. Battery charging time is 4 hours. Battery charger is included – a 12V charger or a 80-230V mains current charger.

The backhoe 260 with remote control is a product of its own – the remote control system cannot be retrofitted on a standard backhoe 260.

- ✔ **Perfect, unrestricted field of vision to the whole digging area**
- ✔ **Equipped with proportional control valve ensures smooth and exact movements with the joysticks of the remote control unit**
- ✔ **Range of remote control about 330 ft**
- ✔ **Remote control battery is rechargeable, working cycle about 11 hours – charging time 4 hours**

| | |
|---------------------------|-------------------|
| Max. Digging depth | 102 in |
| Width | 51.2 in |
| Boom swing angle | 170 ° |
| Standard bucket | 15.7 in / A414304 |
| Weight | 925 lb |
| Product no 500-700 series | A430235 |
| Product no 800 series | A443267 |

The optional Opticontrol® is recommended on the loader, for the electrical supply to the radio remote control receiver on the backhoe.

Optional extras:

Bucket 9.8 in A414301

Bucket 29.5 in A35230

Bucket 39.4 in A35383

Quick attach adapter S30-150 with sideways tilt
A35249, (not when thumb grab A435527)

Trapezoidal bucket 25.6 in A21638

Trapezoidal bucket 35.9 in A36374

Thumb grab A435527 (not when bucket tilt adapter A35249)



4



Mini digger

The Avant mini digger is an efficient solution for small digging operations with maximum digging depth of 47.2 in or 59.1 in. It mounts directly on the quick attach plate of the loader and is operated with the auxiliary hydraulics control lever. Dump to the side by turning the steering wheel.

The mini digger 150 is equipped with the S30 bucket quick attach system (same as on backhoe 260), which makes changing the bucket fast and easy - and the bucket can also be mounted pointing forward if necessary. Bucket tilt adapter and hydraulic thumb grab for mini digger 150 are available as an option. For model 150 bucket needs to be ordered separately.

- ✓ **Efficient and economical solution for smaller digging jobs**
- ✓ **Very fast to mount on Avant**
- ✓ **Simple and light to transport from job site to another**
- ✓ **High unloading height**
- ✓ **Material can easily be transported further away**



Option:

Bucket tilt adapter (Mini digger 150) A35320 (not when thumb grab A444174)

Thumb grab (Mini digger 150) A444174 (not when bucket tilt adapter A35320)

| Model | 120 | 150 |
|--------------------|---------|---------|
| Max. digging depth | 47.2 in | 59.1 in |
| Standard bucket | 9.8 in | - |
| Weight | 155 lb | 187 lb |
| Product no | A36822 | A36856 |

| Buckets | Mini digger 120 | Mini digger 150 |
|----------------------------|-----------------|-----------------|
| 9.8 in | A415232 | A414301 |
| 15.7 in | A415230 | A414304 |
| 29.5 in | A35564 | A35230 |
| 39.4 in | - | A35383 |
| Trapezoidal bucket 25.6 in | | A21638 |
| Trapezoidal bucket 35.9 in | | A36374 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 120 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 150 | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |



Compatible



Not recommended



Incompatible



- By turning the boom to the side the bucket can be emptied without the need of moving and articulating the loader
- The optional tilt adapter makes it possible to dig with the bucket in many different angles, and it is also possible to dig alongside the wall with the boom turned to the side and bucket tilted parallel to the wall

Because there are two hydraulic functions on the mini digger as standard – boom swing and bucket operation – there is also an electric selector valve for selecting the function. Boom swing and bucket cannot be operated at the same time. The selector valve is controlled with the switches on the optional Opticontrol® control switch pack which is necessary on the loader.

Thumb grab A446167 (not when bucket tilt adapter A446187)

- ✔ **Efficient and handy digging unit, very fast and easy to mount on the loader**
- ✔ **Hydraulic boom swing, $\pm 60^\circ$ to the side from centerline**
- ✔ **Max. digging depth 71 in**
- ✔ **Digging alongside wall possible with the optional bucket tilt adapter**

The optional Opticontrol® is required on the loader.

Auger

Avant's drilling drives are the ultimate in performance, quality and cost effectiveness. Using only the highest grade materials and strictest quality control, Avant offers the highest quality range of auger drives on the market today.

Fitted with Eaton bell motors and input housing, the innovative design allows the gearbox to go down the hole to maximize drilling depth without extensions, eliminating downtime and minimizes maintenance, optimizing your returns.



- ✓ **Wide range of auger drive units with different torques enables efficient use of 6 in to 36 in auger drills**
- ✓ **The right drive unit for your work depends on the maximum drill diameter needed. Choose the drive unit from the table below**

| Model | Auger | Torque | Product no |
|--------------|---------|------------|------------|
| Direct drive | 6-12 in | 1000 lb/ft | A37190* |
| DG1DSS | 6-24 in | 1467 lb/ft | DG1DSS |
| DG3DSS | 6-36 in | 2829 lb/ft | DG3DSS |

* see also page 134

| Product no. | Auger Size | Drill Bit | Product no. | Auger Size | Drill Bit | Product no. | Auger Size | Drill Bit |
|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|
| DG06EA | 6 in | Earth | DG06HD | 6 in | Tungsten | DG06RT | 6 in | Rock |
| DG08EA | 8 in | Earth | DG08HD | 8 in | Tungsten | DG08RT | 8 in | Rock |
| DG09EA | 9 in | Earth | DG09HD | 9 in | Tungsten | DG09RT | 9 in | Rock |
| DG10EA | 10 in | Earth | DG10HD | 10 in | Tungsten | DG10RT | 10 in | Rock |
| DG12EA | 12 in | Earth | DG12HD | 12 in | Tungsten | DG12RT | 12 in | Rock |
| DG14EA | 14 in | Earth | DG14HD | 14 in | Tungsten | DG14RT | 14 in | Rock |
| DG16EA | 16 in | Earth | DG16HD | 16 in | Tungsten | DG16RT | 16 in | Rock |
| DG18EA | 18 in | Earth | DG18HD | 18 in | Tungsten | DG18RT | 18 in | Rock |
| DG20EA | 20 in | Earth | DG20HD | 20 in | Tungsten | DG20RT | 20 in | Rock |
| DG24EA | 24 in | Earth | DG24HD | 24 in | Tungsten | DG24RT | 24 in | Rock |
| DG30EA | 30 in | Earth | DG30HD | 30 in | Tungsten | DGEXT2 | 24 in | Extension |
| DG36EA | 36 in | Earth | DG36HD | 36 in | Tungsten | DGEXT3 | 36 in | Extension |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|--------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Direct drive | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| DG1DSS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | — |
| DG3DSS | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |



Compatible



Not recommended



Incompatible



Multi function drive unit

The multi function drive unit with square shaft can be fitted with various attachments: concrete mixing drum, screw cone log splitter, screening drum, cable/hose reel, carousel broom, rotary hoe and screw pile adapter.

In addition, there is a 90 degree angle adapter available as an option, on which the drive unit can be mounted. It turns the drive unit 90° to the left or right. This means that for instance the carousel broom sweeps on the left side of the loader, and the cable/hose reel is crosswise to the loader and winds the cable longitudinally (in parallel to the loader).



Option:
Auger drill bit adapter A421527

- ✓ Can be fitted with several attachments: Concrete mixing drum, Screw cone log splitter, Screening drum, Cable/hose reel, Carousel broom, Rotary hoe, Angle adapter 90°, Screw pile adapter
- ✓ Torque 1000 lb/ft
- ✓ Auger drill bit adapter available as an option, enables use as auger drive unit

| | |
|------------|---------|
| Width | 21.7 in |
| Height | 22.0 in |
| Length | 15.9 in |
| Weight | 187 lb |
| Product no | A37190 |

- 220

225

423

523

528

530

635i

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860i

e527
- ✓

✓

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✓

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✓

—

Attachments on multi function drive unit



A37311 Cable/hose reel

- Inside width 15.7 in
- Total width 22 in
- Reel diameter 7.5 in
- End plate diameter 19.7 in
- Weight 55 lb
- Can also be mounted on the A37323 Angle adapter 90° → winds the cable in parallel to the loader



A418530 Screw pile adapter

- Easy way of making screw pile foundations, saves a lot of manual work
- Mounts on any Avant auger drive unit
- Fits on 2.4 in screw piles



A449797 Screw pile adapter, pin type

- Mounts on the inside of the screw pile
- allows attaching the adapter also to screw piles with outside flange
- Mounts on any Avant auger drive unit
- Fits on 2.4 in screw piles



A37207 Screening drum

- Intended for screening of soil, gravel and sand
- Volume: 24 gal
- Screening sieve with 2x2 in holes – included also a separate 0.9x0.9 in sieve, which is bolted on the drum when finer screening is required
- Length 23.8 in
- Width 19.7 in
- Height 18.2 in
- Weight 165 lb



A37500 Screw cone log splitter

- Log splitter with a conical splitting screw
- Splitting screw equipped with a replaceable tip
- Also equipped with a log holder bar which prevents the log from rotating during splitting
- Weight 66 lb



A37317 Carousel broom

- Same 39.4 in replaceable brush as on A2971 Carousel broom, part no. A32698
- Weight 150 lb
- Can also be mounted on the A37323 Angle adapter 90° → sweeps on the left side of the loader



A37491 Rotary hoe

- For small scale soil cultivating
- Equipped with two knife type blades
- Cultivating depth max. 6.3 in
- Length 20.9 in
- Width 6.1 in
- Height 11.1 in
- Weight 33 lb



A37323 Angle adapter 90°

- Turns the multi function drive unit to point to the left or right
- Length 24.8 in
- Width 25.6 in
- Height 11.8 in
- Weight 90 lb



A429932 XL weed brush

- Consists of 3 pcs 23.6" steel brushes mounted together
- Max. diameter 48.4"
- Height 14.8"
- Weight 140 lb



A433646 Carousel broom, steel

- 39.4" brush with steel bristles
- Weight 150 lb



A431157 XL wire rope brush

- Brush with 32 pcs heavy duty wire rope bundles
- Max. diameter 40"
- Height 14.6"
- Weight 80 lb



A37395 Concrete mixing drum

- Volume: 37 gal water, 24 gal ready concrete
- Length 29.9 in
- Width 23.6 in
- Weight 110 lb



Trencher

The Avant trencher is a compact yet powerful tool. It features an adjustable depth control foot which ensures the operator digs at a set depth (up to 36 in) at all times and efficient soil removal for effective compaction back into the trench. Three different chain types and three chain widths are available for trenching in different ground conditions from general earth, to rocky ground, and even frozen ground.

The Avant DG90 Trenchers are ideal for laying pipe for irrigation, underground power and communications, road repairs and general construction.



| Model | Digging Width | Chain Type | Motor Disp. |
|---------|---------------|-------------|-------------|
| DG904EA | 4 in | Earth | 6.2 cu in |
| DG904CA | 4 in | Combo | 6.2 cu in |
| DG904SA | 4 in | Shark Tooth | 6.2 cu in |
| DG906EA | 6 in | Earth | 6.2 cu in |
| DG906CA | 6 in | Combo | 6.2 cu in |
| DG906SA | 6 in | Shark Tooth | 6.2 cu in |
| DG908EA | 8 in | Earth | 6.2 cu in |
| DG908CA | 8 in | Combo | 6.2 cu in |
| DG908SA | 8 in | Shark Tooth | 6.2 cu in |
| DG904ED | 4 in | Earth | 8.0 cu in |
| DG904CD | 4 in | Combo | 8.0 cu in |
| DG904SD | 4 in | Shark Tooth | 8.0 cu in |
| DG906ED | 6 in | Earth | 8.0 cu in |
| DG906CD | 6 in | Combo | 8.0 cu in |
| DG906SD | 6 in | Shark Tooth | 8.0 cu in |
| DG908ED | 8 in | Earth | 8.0 cu in |
| DG908CD | 8 in | Combo | 8.0 cu in |
| DG908SD | 8 in | Shark Tooth | 8.0 cu in |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 900 | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| 1200 | ✗ | ✗ | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

New

Hydraulic breaker



The Avant hydraulic breaker is specially designed for use with Avant loaders. The B120 breaker is a compact but powerful demolition unit with large tool diameter and an oil flow range suited to most Avant loader models.

Equipping the Avant loader with the hydraulic breaker is a very efficient tool in demolition and refurbishing operations. With its compact dimensions, you can go almost anywhere with this unit.

The B120 breaker features a high tool-weight and power-weight ratio. This means less energy is needed in breaker work, which results in higher production rate and lower fuel consumption. In addition, the Constant Blow Energy (CBE) system features a pressure adjusting valve inside the breaker which controls operating pressure. This allows a wide oil flow range to the breaker with constant high power. The Idle Blow Protection (IBP) ensures the breaker cannot be operated until pressure is placed on tool. This protects the breaker, parts and tool, providing a longer lifetime. IBP can easily be turned on and off in the field if necessary.



- ✓ **Top quality sound isolated hydraulic breaker, very compact and powerful**
- ✓ **Constant Blow Energy system allows wide oil flow range to suit most Avant loader models**
- ✓ **Idle Blow Protection – less stress on the breaker, longer lifetime**
- ✓ **High tool to weight and power to weight ratio – better production rate**
- ✓ **Hydraulic hoses and mounting plate are included – the breaker is all ready for work**

Option:

Automatic greasing A458088
Tool wear ring protection kit A458089

| | |
|--------------------|-----------------|
| Working weight | 265 lb |
| Tool diameter | 2 in |
| Oil flow range | 4-13 gpm |
| Frequency | 750 – 2 250 bpm |
| Operating pressure | 110 - 150 bar |
| Product no | A457752 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Compatible



Not recommended



Incompatible



Asphalt grinder

The strong and efficient asphalt grinder (also called cold planer) is an ideal attachment for asphalt road and pavement repairs and utility jobs. It grinds away the asphalt surface up to 3.1 in depth, making repair of potholes, utility cuts, small overlays and edge repairs fast and easy. Different types of teeth are available for grinding of asphalt or concrete.

Water spraying system is available as an option. It is mounted on top of the planer and is equipped with 15.9 gal water tank and nozzle bar (same as on Avant collecting broom), membrane pump and strainer filter. Also, 3 pcs Avant 64 lb counterweights can be mounted on the water tank support frame to add weight when grinding hard asphalt etc. material.

If side shift is needed, the hydraulic side shift adapter A37235 is available as an option. It requires the optional second auxiliary hydraulics front outlet on the loader.



Option:

Water spraying system

- Mounts on top of the grinder
- Water tank 15.9 gal + nozzle bar (same as on Avant 59.1 in collecting broom & bucket broom), membrane pump & strainer filter
- Max. 3 pcs Avant 64 lb counterweights A35957 can be mounted on the water tank support frame
- Product no. A37386

Cutting teeth:

66392 Asphalt tooth (standard)

66393 Concrete tooth

- ✓ **Efficient grinder for asphalt road and pavement repairs and utility jobs**
- ✓ **Different type of teeth available**
- ✓ **Hydraulic side shift adapter and water spraying system for dust binding available as an option**

| | |
|----------------------|----------|
| Working width | 11.8 in |
| Total width | 26.0 in |
| Grinding depth | 0-3.1 in |
| No. of cutting teeth | 29 pcs |
| Height | 18.9 in |
| Length | 31.9 in |
| Weight | 540 lb |
| Product no | A432621 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



- ✔ **Easy and efficient way to make concrete in places where electricity is not available**
- ✔ **The mixed concrete is easy and effortless to transport and pour into desired place**
- ✔ **Self loading - sand can be taken to the bucket directly from the pile**
- ✔ **Concrete can be poured to over 6 feet height**



| Model | 200 | 350 |
|-------------------------------------|-----------|------------|
| Total width | 58.7 in | 66.9 in |
| Screw shaft diameter | 15.7 in | 18.9 in |
| Volume | 7.4 cu ft | 11.3 cu ft |
| Empty weight | 660 lb | 925 lb |
| Weight at max. capacity | 1750 lb | 2620 lb |
| Unloading hatch diameter | 7.1 in | 7.1 in |
| Emptying tube length | 53.1 in | 53.1 in |
| Product no., emptying in the middle | A36473 | A447861 |
| Product no., emptying on the left | A37241 | - |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 200 | ✗ | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| 350 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Drum type concrete mixer

The concrete mixing drum is a tool when you need to make concrete without electricity or when you need to transport or lift the concrete to a place that is hard to reach. Mixing is done hydraulically and emptying is done simply by tipping the drum forward.

- ✓ **Economical attachment for more occasional concrete mixing**
- ✓ **Easy way to make concrete in places where electricity is not available**
- ✓ **Ready mixed concrete is easy to transport and lift to desired place**



| | |
|------------|-----------------------|
| Volume | 3.5 cu ft / 6.0 cu ft |
| Operation | hydraulic |
| Weight | 143 lb |
| Product no | A36951 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Vibrating plate

The vibrating plate is designed for earth compacting and is easy to attach to an Avant. Compacting is easy and safe with the vibrating plate connected to Avant’s quick attach plate – the operator is not exposed to vibrations or excessive noise.

- ✔ **Efficient compacting also in places where bigger compactors don't fit**
- ✔ **Fast and easy mounting on Avant**



| | |
|--------------|----------------|
| Weight | 330 lb |
| Plate size | 11.2 x 19.7 in |
| Impact force | 1985 lb |
| Impact rate | 2000 bpm |
| Product no | A21012 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| <div> <div>✔ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |

Disc scraper

The disc scraper is an excellent and cost efficient tool for removing carpet and floor tiles in demolition and refurbishing jobs. The durable disc takes off old carpet and tiles quickly and efficiently.

- ✓ **Efficient and economical carpet remover**
- ✓ **Fits on all Avants**
- ✓ **Equipped with two Avant 64 lb counterweights A35957**



| | |
|---------------|---------|
| Disc diameter | 22.0 in |
| Length | 37.8 in |
| Width | 22.0 in |
| Height | 20.0 in |
| Weight | 183 lb |
| Product no | A36910 |

220



225



423



523



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e527



Compatible



Not recommended



Incompatible



Submersible pump

The submersible pump is a very useful attachment for situations where larger amounts of water or other fluids need to be drained from trenches, pits, wells etc. Pumping capacity is as high as 528 gal/min and fluid can be taken up from max. 65 ft depth. The pump is equipped with a 54 ft long discharge hose. The 32 ft long hydraulic hose kit is the same as for handheld tools.

- ✓ **Efficient pump for draining of water or other fluids from trenches, pits, wells etc.**
- ✓ **Fluid can be taken up from max. 65 ft depth**
- ✓ **Equipped with 54 ft long discharge hose**

| | |
|--------------------------|-------------|
| Pumping capacity max. | 528 gal/min |
| Pumping depth max. | 65 ft |
| Aux. hydr. oil flow max. | 10 gal/min |
| Width | 13.8 in |
| Height | 27.6 in |
| Weight | 44 lb |
| Product no. | A36708 |

Option:
Hydraulic hose kit, 32 ft, with multi-connector A36707

220

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635i

640i

645i

650i

735i

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760i

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e527

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✓

Compatible

Not recommended

Incompatible



All-round grapple

This versatile tool can be used for lifting and transporting of many different types of materials which cannot be handled with a normal bucket or pallet fork. The grapple is equipped with a hydraulic cylinder in the upper grapple part and it opens all the way up in vertical position. This, together with the pressing force of the cylinder, gives excellent loading and handling capabilities. Total width is 35.4 in - this allows traveling through narrow doorways and working in small spaces.

✔ **Simple and robust hydraulic grapple for handling of various materials**



| Width | Weight | Product no |
|---------|--------|------------|
| 35.4 in | 143 lb | A110 |

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527

- ✔
- ✔
-
- ✘
- ✘
- ✘
- ✘
- ✘
- ✘
- ✘
- ✘
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- ✘
- ✘
- ✘
- ✘

✔ Compatible — Not recommended ✘ Incompatible



Silage fork

A robust silage fork equipped with a powerful hydraulic cylinder, can be fitted on all Avant loader models. The strong blade type pins of the grapple penetrate into all types of feed. The fork has replaceable lower tines made of reinforced steel. The grapple goes up to vertical position which allows easy grabbing of round bales.

- ✓ **Compact model, which is well suited for silage distributing in small and confined places.**
- ✓ **The front edges on the forks are rounded, which offers a smaller turning diameter**
- ✓ **Mounting plate which increases tipping angle by 17 degrees is available as an option**



| Width | Weight | Product no |
|---------|--------|------------|
| 31.5 in | 265 lb | A428328 |
| 35.5 in | 280 lb | A36299 |
| 41.3 in | 305 lb | A36313 |
| 51.2 in | 355 lb | A36319 |

Option:
Mounting plate which increases tipping angle by 17 degrees A36337
(only for special applications, risk of puncturing the front tires)

220

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635i

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146

Compatible

Not recommended

Incompatible



XL Silage grab

The larger silage grab series is intended for Avant 500, 600, 700 and 800 series loaders, with three different widths to match machines perfectly. The new series can carry up to 30 % more silage without losing visibility on the feeding table. Open grab construction on the top offers better visibility when the grab is open. Strong heavy duty construction with two cylinders. Forged bolt-on tines also on the top grab.

- ✓ **Larger silage grab model, designed for larger jobs**
- ✓ **The top grab construction is completely open from the middle improving visibility when driving while the grab is open.**
- ✓ **Top grab has two cylinders for improved compression power**



| Width | Weight | Product no |
|---------|--------|------------|
| 51.2 in | 507 lb | A441007 |
| 57.1 in | 540 lb | A440998 |
| 63.0 in | 573 lb | A440586 |

Option:

Mounting bracket which increases tipping angle by 17 degrees A34587

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Compatible



Not recommended



Incompatible



Silage dozer blade

The silage dozer blade is intended for moving uneaten silage back to the cattle on the feeding table. Mounts on the normal or XL silage grab simply by closing the upper grapple on the dozer blade. The blade can be grabbed with the silage grab from two sides which means that it can move the silage both to the right or to the left. Equipped with a durable nylon blade.

- ✓ **Easy and economical way to push uneaten silage back to the cattle on the feeding table**
- ✓ **Mounts on normal and XL silage grabs**
- ✓ **Can be grabbed from two sides – moves silage to the right or to the left**



| | |
|---------------|---------|
| Blade length | 70.9 in |
| Working width | 45.7 in |
| Blade height | 15.7 in |
| Weight | 200 lb |
| Product no | A37111 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Feeding table cleaning blade

This cleaning blade is specially designed for clearing the cattle feeding table before distributing new silage to the table. The cleaning blade can be mounted by driving the silage fork into the blade. There is no need to get out of the driver's seat which speeds up the cleaning process because no attachment change is necessary. The cleaning blade has a rubber lip on the lower surface that ensures good cleaning result.

ATTENTION! Available only together with Avant silage forks.

- ✓ **The easiest way to clean the cattle feeding table**
- ✓ **Mounts on Avant silage forks: drive the fork into the blade with the grapple open and press the grapple down to lock the blade so no need to get out of the driver's seat.**



Option:
Extra side extension A46337

For silage fork

| | |
|----------------------|---------|
| Width | 47.2 in |
| Side extension width | 21.7 in |
| Weight | 110 lb |
| Product no | A2936 |

For XL silage grab

| | |
|----------------------|---------|
| Width | 65.0 in |
| Side extension width | 21.7 in |
| Weight | 165 lb |
| Product no | A35512 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Compatible



Not recommended



Incompatible



Side hatches can be opened and closed manually - hydraulic operation of the hatches is available as an option.

-
- A green tractor-mounted front loader bucket, shown from a side-front perspective. The bucket is a large, green, V-shaped container with a black hydraulic cylinder and arm visible on the left side. It is attached to a green tractor, with a black tire visible on the left. The bucket is currently empty and is shown in a slightly raised position.

The optional Opticontrol® is required on the loader with hydraulic side hatch operation

| | |
|------|---|
| 220 | ✖ |
| 225 | ✖ |
| 423 | I |
| 523 | I |
| 528 | ✓ |
| 530 | ✓ |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✓ |
| 860i | ✓ |
| e527 | I |

 Compatible
 Not recommended
 Incompatible



Feed mover screw

The feed mover screw provides an efficient way to move uneaten feed back in front of the cattle. When moving, the screw mixes the feed and the fresh feed remains on top.

With the feed mover screw drive speed can be higher, 6 mph. Feed can be moved both to the right and to the left simply by changing the rotation direction. The plastic scraper blade at the rear of the attachment cleans the feeding table very efficiently.

- ✓ **Fast and easy way of moving feed to the animals**
- ✓ **Discharge in both directions**
- ✓ **High efficiency, also on larger farms**
- ✓ **Scraper blade cleans the feeding table efficiently**
- ✓ **Equipped with a protective bar for the screw**



| | |
|---------------|---------|
| Working width | 55.1 in |
| Total width | 64.4 in |
| Weight | 265 lb |
| Product no | A452355 |

220



225



423



523



528



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635i



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735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Silage block cutter

Powerful and robust silage cutters with two hydraulic cylinders. With the silage cutter you can easily cut silage directly from the silo and take it to the cattle. The cutting blades are made of special steel; they cut very efficiently and leave a clean and even surface in the silo. This prevents air getting into silage and warming up. Thanks to the open design of the cutting blade visibility during silage distribution is excellent. Lower tines are made of hardened steel.

- ✔ Strong and robust design, cuts efficiently also tightly packed silage
- ✔ 39.4” cutter and 51.2” cutter
- ✔ Open design – good visibility also when distributing the silage
- ✔ Strong lightweight construction
- ✔ Tines made of hardened steel



| | | |
|------------|---------|---------|
| Width | 39.4 in | 51.2 in |
| Weight | 540 lb | 617 lb |
| Product no | A21276 | A21257 |



Carousel broom

The hydraulically operated carousel broom is a useful attachment when sweeping materials to the side or away from the wall. Rotates in both directions, can be angled manually to both sides by max. 57 degrees (42.9 in), which allows sweeping next to the wall. The carousel broom can be used for various sweeping tasks especially in farm environments.

- ✓ **Strong broom, moves materials efficiently**
- ✓ **Side shift allows brushing next to the wall**
- ✓ **Rotates in both directions**
- ✓ **Can be turned manually to both sides, in different positions, by max. 57 degrees (42.9 in) – allows sweeping next to the wall**
- ✓ **Equipped with replaceable 39.4 in diameter nylon brush**



| | |
|--------------------|----------|
| Width | 39.4 in |
| Broom diameter | 39.4 in |
| Turning angle max. | +/- 57 ° |
| Broom material | Nylon |
| Weight | 154 lb |
| Product no | A2971 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Round bale grab

With the round bale grab you can lift and transport wrapped silage bales, hay bales and other round bales without damaging the plastic wrapping or net. The sturdy, yet light, construction maximizes lift capacity (see the table below).

- ✓ **The round bale grab transports all wrapped bales without damaging the wrappings**
- ✓ **Using the Avant loader and bale grab, you can pile three round bales on top of each other**



| | |
|------------------|----------------|
| Weight | 265 lb |
| Max. bale weight | |
| Avant 400 series | 880 lb |
| Avant 520/523 | 1215 - 1435 lb |
| Avant 528/530 | 1875 - 2095 lb |
| Avant 600 series | 2095 - 2315 lb |
| Avant 700 series | 2425 - 2645 lb |
| Avant 800 series | 2425 - 2645 lb |
| Max. grab width | 59.0 in |
| Bale diameter | 37.4 - 57.1 in |
| Product no | A21166 |

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Bale fork

With the round bale fork transporting and lifting of unwrapped round bales is easy and safe. The square bale fork makes it easy and safe to transport and lift unwrapped square bales.

Strong and simple construction ensures a long lifespan.

✓ **Easy and economical way to lift and transport bales**

✓ **Two models: designed for round and square bales**



| Model | Square bale fork | Round bale fork |
|----------|------------------|-----------------|
| Width | 39.6 in | 48.0 in |
| Length | 45.1 in | 45.3 in |
| Weight | 130 lb | 120 lb |
| Tines | 3 pcs | 2 pcs |
| Prod. no | A410225 | A410224 |

220



225



423



523



528



530



635i



640i



645i



650i



735i



755i



760i



855i



860i



e527



Compatible



Not recommended



Incompatible



Round bale splitter

The Avant round bale splitter can even cut frozen bales, which are otherwise difficult to handle.

Splitting is fast and efficient thanks to the form of the cutting blade and the strong hydraulic cylinder. The bale can also be transported with the splitter. Wide and open design allows splitting of various size bales.

- ✓ **Efficient round bale splitter, splits frozen bales**
- ✓ **Bales can also be transported with the splitter, without splitting**
- ✓ **Wide and open design allows splitting of various size bales**



| | |
|------------------------|----------------------------|
| Splitting force | 48500 lb |
| Tines | 2 pcs long, 2 pcs short |
| Cutting blade length | 78.2 in |
| Total length | 80.7 in |
| Width | 49.2 in |
| Height with blade up | 86.6 in |
| Height with blade down | 38.6 in |
| Weight | 670 lb |
| Product no | A36199 |



Bedding distributor bucket

The bedding distributor bucket is intended for distribution of different types of beddings. The bucket is equipped with a 11.8 in wide belt, which allows distribution of chopped straw, sawdust, peat, bark, wood shavings, sand and lime. Belt speed is seamlessly adjustable.

The bucket is equipped with a mixing shaft which distributes the material evenly on the belt. Discharge to the left or to the right. Rubber scraper blade, designed for cleaning the floor grates, is available as an option. It mounts under the bucket.

- ✓ **Efficient distribution of various types of beddings**
- ✓ **Equipped with a 11.8 in wide belt – belt speed seamlessly adjustable by adjusting engine RPM's**
- ✓ **Discharge to the left or to the right**
- ✓ **Rubber scraper blade for floor cleaning available as an option**



Option:
Rubber scraper blade A37162

| | |
|------------|----------------------------------|
| Volume | 28.3 cu ft |
| Belt width | 11.8 in |
| Belt speed | 0-33 ft/s, steplessly adjustable |
| Width | 55.1 in |
| Weight | 750 lb |
| Product no | A36532 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |

✓ Compatible
— Not recommended
✗ Incompatible



Manure fork

The Avant manure fork is a very useful attachment, designed for detaching and handling of manure and similar materials. The strong tines, made of high tensile forged steel, penetrate into compacted manure and can carry a heavy load.

- ✔ Strong fork for handling of manure and similar materials
- ✔ Equipped with bolt-on replaceable tines, made of high tensile forged steel



| | |
|-------------|---------|
| Width | 43.3 in |
| Tine length | 39.4 in |
| Fork length | 43.7 in |
| Height | 16.3 in |
| Weight | 132 lb |
| Product no | A36038 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|--------------|-----|-----|-------------------|------|------|----------------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — | — | ✔ |
| 158 | | | ✔ Compatible | | | — Not recommended | | | ✗ Incompatible | | | | | | |



Grain/flour dispenser bucket

The Avant grain dispenser is a 10.6 cubic foot bucket equipped with a hydraulic motor and a 8" screw, designed for distribution of flour, crushed grain etc. Discharge to the right side.

The edge of the grain dispenser tilts all the way down so that loading from ground level is easy. The bucket is available in two versions: with discharge either to the right side or to the left side.

- ✓ **Easy distribution of flour, crushed grain etc.**
- ✓ **Loading from ground level like with a normal bucket is also possible**
- ✓ **Two versions available: discharge to the right or to the left**



| | |
|-------------------------------------|------------|
| Volume | 10.6 cu ft |
| Width | 43.3 in |
| Weight | 198 lb |
| Product no., discharge to the right | A1194 |
| Product no., discharge to the left | A36559 |

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Compatible



Not recommended



Incompatible



Notice: Please also read the disclaimer about mounting the adapter on Avant loaders

- 
- Option:

Trailer ball hitch with towing pin A417337

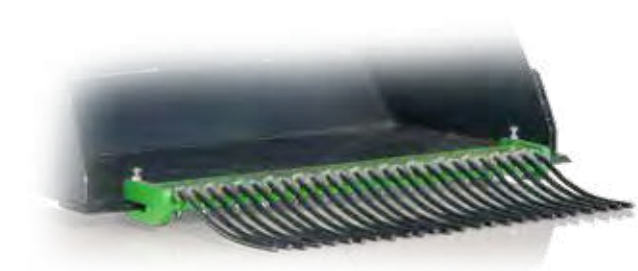
| | |
|------|---|
| 220 | ✓ |
| 225 | ✓ |
| 423 | ✓ |
| 523 | ✓ |
| 528 | ✓ |
| 530 | ✓ |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✗ |
| 860i | ✗ |
| e527 | ✓ |



Horse manure collector

The horse manure collector is a simple and economical way to collect horse manure. It works well on many surfaces (saw dust, horse arenas) and mounts directly on any Avant bucket.

- ✔ Simple and economical way to collect horse manure
- ✔ Mounts on Avant general and light material buckets



| | |
|------------|---------|
| Width | 37.4 in |
| Weight | 65 lb |
| Product no | A36292 |

- 220
- 225
- 423
- 523
- 528
- 530
- 635i
- 640i
- 645i
- 650i
- 735i
- 755i
- 760i
- 855i
- 860i
- e527



Front cultivator

The front cultivator can be used together with the horse arena harrow. It is especially useful in a more compacted arena or an outdoor riding area. It is equipped with large tines which loosen the soil and make harrowing of the arena easier. Equipped with two wheels in the front.

- ✔ **Efficient and easy way to loosen compacted soil**
- ✔ **Equipped with replaceable tines**
- ✔ **Can be mounted on all Avants**



| | |
|-----------------|----------|
| Width | 55.5 in |
| Length | 28.5 in |
| Height | 24.8 in |
| Number of tines | 7 pcs |
| Working depth | 0 - 6 in |
| Weight | 176 lb |
| Product no | A36555 |



Spring tine cultivator

The towable spring tine cultivator with 59 in working width is a useful attachment for the maintenance of outdoor horse arenas, and cultivating fields. There are 15 spring loaded S tines with replaceable teeth in two rows which cultivate the soil up to 4 in depth. Working depth can be adjusted by adjusting the height of the rear field roller.

Compared with the horse arena harrow, the spring tine cultivator goes deeper in the ground whereas the horse arena harrow with straight tines and dozer blade is intended for harrowing and levelling the surface. That's why the spring tine cultivator is suited for arenas with gravel or sand sub-base – where there is no geotextile fabric, rubber or other materials which the tines could dig up. The cultivator is also a great tool for a hobby farmer for cultivating smaller fields and similar surfaces.

The spring tine cultivator works with all articulated Avant loader models. The loader must be equipped with the 2 inch trailer ball hitch. If the optional hydraulic support wheels are mounted on the cultivator, the optional double acting rear auxiliary hydraulics outlet is required on the loader.

Options include manually or hydraulically operated support wheels (same as for horse arena harrow), side wheel and side scraper blade for working close to the wall in indoor arenas.

Options:

- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547
- The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Side wheel A418962
- Side scraper blade A36471
- Quick attach plate A449060

- ✓ **Useful attachment for maintenance of outdoor horse arenas, cultivating fields etc.**
- ✓ **Equipped with 15 pcs S type tines with replaceable teeth**
- ✓ **Working depth up to 4 in, adjusted with the rear field roller**
- ✓ **Support wheels (manual or hydraulic), side wheel and side scraper blade available as an option**

| | |
|---------------|----------|
| Working width | 60.2 in |
| Working depth | 0 – 4 in |
| Weight | 408 lb |
| Product no | A442314 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Compatible



Not recommended



Incompatible



The horse arena harrow features:

-

- Manually operated support wheels, product no. A36593
- Hydraulically operated support wheels, product no. A37547. The loader must be equipped with the optional double acting rear auxiliary hydraulics outlet.
- Weights with handle, 64 lb, which can be mounted on the harrow to increase weight and make harrowing more efficient. With two weights the harrow works on almost any surface. The weight is the same extra weight as on Avant loader, product no. A35957.
- Water spraying system, product no. A37065
- Quick attach plate A449060

- | | |
|--------------------------------------|---------|
| Working width | 60.2 in |
| Weight (without 64 lb extra weights) | 365 lb |
| Product no | A21646 |

| | |
|------|---|
| 220 | ✓ |
| 225 | ✓ |
| 423 | ✓ |
| 523 | ✓ |
| 528 | ✓ |
| 530 | ✓ |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✓ |
| 860i | ✓ |
| e527 | ✓ |

Big bag transporter

With the big bag transporter you can lift and transport big bags safely and securely. This simple attachment makes loading of fertilizer or stacking big bags as easy as it can get.

- ✓ **An inexpensive and safe way to handle big bags**
- ✓ **The lift hook can be adjusted in four different heights between 47 - 71 in**

| | |
|------------------|----------------|
| Lift hook height | 47.0 - 71.0 in |
| Width | 43.3 in |
| Weight | 133 lb |
| Product no | A36221 |

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Compatible



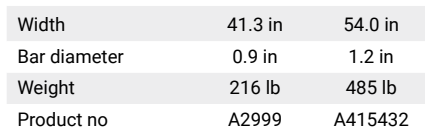
Not recommended



Incompatible



- ✔ **Easy and fast way to collect stones from fields**
- ✔ **Equipped with strong and durable bars**



| | | |
|--------------|---------|---------|
| Width | 41.3 in | 54.0 in |
| Bar diameter | 0.9 in | 1.2 in |
| Weight | 216 lb | 485 lb |
| Product no | A2999 | A415432 |

[illegible]



Calf box

The calf box is a safe and easy way to transport calves on cattle farms. It is equipped with a gate and plywood floor. Castor wheels for easy moving of the box by hand are available as an option (solid plastic wheels or pneumatic tires).

- ✓ **Safe and easy way to transport calves on cattle farms**
- ✓ **Robust construction**
- ✓ **Equipped with a gate & plywood floor**
- ✓ **Castor wheels available as an option**



| | |
|------------|---------|
| Width | 40.2 in |
| Length | 54.4 in |
| Height | 50.2 in |
| Max. load | 1100 lb |
| Weight | 310 lb |
| Product no | A445704 |

Options:
Castor wheels, solid plastic, 4 pcs (will increase height by 6.5 in) A418506
Castor wheels, pneumatic tires, 4 pcs will increase height by 9.3 in) A420800

| | | | | | | | | | | | | | | | |
|-----|-----|-----|--------------|-----|-----|-------------------|------|------|----------------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | ✓ Compatible | | | — Not recommended | | | ✗ Incompatible | | | | | | |



Compressor

The Avant compressor makes it possible to have compressed air anywhere you go. Creates maximum 105 gal/min at 115 PSI pressure and can be used for running power tools and in circumstances where electricity is not available.

- ✓ **Easy way to get compressed air for pneumatic power tools**
- ✓ **Makes it possible to fill large tires (agricultural & construction machines for example) in places where electric current is not available**
- ✓ **Fast cleaning of big machines with compressed air: combined harvester, construction machinery etc.**



Product no
A35409

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — |
| <div> <div>✓ Compatible</div> <div>— Not recommended</div> <div>✗ Incompatible</div> </div> | | | | | | | | | | | | | | | |



Pressure washer

This powerful pressure washer with 65 foot hose reel is easy to take anywhere with the Avant. Has a maximum 8 gal/min water flow and 2900 PSI pressure. It can be connected directly to a water hose or a barrel.

It can suck water via inlet hose from as much as 10 feet below the level where the unit is. This is a very useful feature when taking water from a tank, reservoir, lake etc.

- ✓ **Powerful washer with high max. water flow and pressure**
- ✓ **Can be connected directly to tap, or with the inlet hose take water from as much as 10 ft below ground level**
- ✓ **Equipped with 65 foot hose reel and washing gun**



| Max. water flow | Product no |
|----------------------|------------|
| 8 gal/min @ 2900 PSI | A35411 |

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Compatible



Not recommended



Incompatible



Using the winch is simple enough that even a one-man team can easily utilize it. The auxiliary hydraulics lever is switched to continuous flow from the driver's seat, which releases the cable drum so that the cable can be pulled out by hand. When the cable is attached to the desired object, operator returns to driver's seat and turns the auxiliary hydraulics lever in the opposite direction and the winch begins to reel in the cable. The winch stops as soon as the auxiliary hydraulics control lever is released.

-
- A green Kawasaki Mule utility vehicle is shown from a side-rear perspective. It features a black metal safety cage with a mesh backrest. A yellow tow hook is attached to the rear of the vehicle. The vehicle has large, treaded tires and a black steering wheel. The Kawasaki logo is visible on the side.

| | |
|------|---|
| 220 | ✓ |
| 225 | ✓ |
| 423 | ✓ |
| 523 | ✓ |
| 528 | ✓ |
| 530 | ✓ |
| 635i | ✓ |
| 640i | ✓ |
| 645i | ✓ |
| 650i | ✓ |
| 735i | ✓ |
| 755i | ✓ |
| 760i | ✓ |
| 855i | ✓ |
| 860i | ✓ |
| e527 | ⚪ |



Tree shear

The Avant tree shear is an efficient and useful tree cutter, intended for forest thinning, tree clearance and similar jobs where smaller trees need to be cut. The strong grapple takes a firm grip of the tree trunk and a hydraulic cylinder pushes the cutting blade against the trunk and cuts it. The tree is then easy and fast to move away with Avant. If needed, the cutting blade can be turned 180 degrees to point backwards. This means it doesn't cut and the unit can be used as a grapple only.

- ✓ **Powerful tree cutter for up to 7.5 in diameter trees**
- ✓ **Excellent tool for forest thinning, tree clearing**
- ✓ **Thanks to the strong grapple the tree is easy to take away with Avant**
- ✓ **Can also be used as a grapple only, by turning the cutting blade to point backwards**



| | |
|-----------------|-------------|
| Tree diameter | max. 7.5 in |
| Grapple opening | 30.3 in |
| Weight | 243 lb |
| Product no | A35831 |

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Compatible



Not recommended



Incompatible



Log grab, heavy duty

A strong log grab for customers who need to move tree trunks, logs etc. The grab firmly grips the wood with lower tines formed for grabbing bigger tree trunks.

- ✓ Heavy duty design allows grabbing of larger logs
- ✓ Grabbing and transporting of bigger stones and similar objects



| | |
|------------|---------|
| Width | 33.3 in |
| Height | 39.0 in |
| Weight | 396 lb |
| Product no | A415691 |

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Compatible

Not recommended

Incompatible



Log grab

The Avant log grab mounts on the Avant pallet fork. With the log grab you can lift and transport single logs or smaller timber bundles. The grab is equipped with a powerful hydraulic cylinder and can therefore also lift bigger stones, as well as branches, fence poles and similar objects.

- ✓ **Easy mounting on pallet fork**
- ✓ **Basic attachment for fencing and forest work**
- ✓ **Grabbing and transporting of stones and similar objects also possible**
- ✓ **Must order both log grab and desired pallet fork**

| Max. diameter | Min. diameter | Weight |
|---------------|---------------|--------|
| 35.4 in | 7.0 in | 110 lb |

| Product no | Description |
|------------|-------------------|
| A33503 | Log grab |
| A21047 | 33.5" pallet fork |
| A21039 | 43.3" pallet fork |
| A36589 | 47.2" pallet fork |



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Compatible



Not recommended



Incompatible



Timber grab

The timber grab is an attachment that allows you to grab tree trunks, branches, wood waste, curb stones etc. and transport them both lengthwise and crosswise. This makes it possible to pass through narrow places with long logs and enables loading on trailer or on a pile in any direction. The timber grab is available either with a hydraulic rotator or as freely rotating version. If the loader is equipped with the 6 or 8 function joystick, all functions of the grab with hydraulic rotator (grab opening/closing, rotation) can be operated with the switches on the optional Opticontrol® switch pack.

- ✓ Available with hydraulic rotator
- ✓ Grapple opening 48.1 inches
- ✓ Versatile grab for transporting and loading of tree trunks, branches, curb stones etc.
- ✓ Rotating grab requires attachment control switch pack



Option:
Arborist kit A427744
Lock valve, mounting kit, on grab cylinder A436627

| Rotation type | Freely rotating | Hydraulic rotation |
|--------------------------|-----------------|--------------------|
| Grapple opening diameter | 48.1 in | 48.1 in |
| Grip area | 1.72 ft² | 1.72 ft² |
| Weight | 255 lb | 300 lb |
| Product no | A37457 | A37456 |

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

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✓

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✓ Compatible

— Not recommended

✗ Incompatible

Timber grab HD

The heavy duty timber grab is equipped with a stronger boom, hydraulic rotator and a larger grapple. It is intended especially for Avant 700 and 800 series. The arborist kit which mounts on the boom is also standard feature. When cutting a tree you can push the tree down with it if necessary, instead of pushing by hand. It is also possible to attach a rope on the bracket on the kit, which enables towing the logs by pulling them with the loader.

- ✓ **HD grab with stronger boom and rotator and larger grapple**
- ✓ **Arborist kit as standard**
- ✓ **Intended especially for 700 and 800 series**



| | |
|--------------------------|----------------------|
| Rotation type | Hydraulic |
| Grapple opening diameter | 52.8 in |
| Grip area | 2.15 ft ² |
| Weight | 620 lb |
| Product no | A438973 |

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).

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Compatible



Not recommended



Incompatible



New

HD multi-purpose grapple

There are two HD multi-purpose grapple models which mount directly on the attachment coupling plate of the loader: one with hydraulic rotator and one without rotator. They have a different type grapple from the timber grabs. The HD multi-purpose grapple can handle timber as well, but thanks to its sharp claws it can also pick up stones, roots and smaller stumps, as well as remove bushes and other vegetation.

- ✓ Heavy duty grapple, mounts directly on the attachment coupling plate of the loader
- ✓ Two models: with hydraulic rotator or without rotator
- ✓ Thanks to sharp claws can pick up stones, roots and smaller stumps, as well as remove bushes and vegetation



| Rotation type | No rotation | Hydraulic |
|--------------------------|-------------|-----------|
| Grapple opening diameter | 52.8 in | 52.8 in |
| Grip area | 2.15 ft² | 2.15 ft² |
| Weight | 355 lb | 465 lb |
| Product no | A436473 | A437203 |

The optional Opticontrol® is recommended with grab with hydraulic rotator, for operating the grab opening/closing and rotation (requires also 6 or 8 function joystick on the loader).



Root grapple

The hydraulic root grapple is a strong and versatile attachment for handling of trees and roots.

The heavy duty design features plenty of clamping power ideal for loading and piling brush, logs, rocks and light demolition debris. Hydraulic cylinders, hoses and fittings are well protected against falling debris.

- ✓ **Versatile hydraulic grapple for tree and root removal**
- ✓ **Two models available: 35.4 inch wide with single grapple, 51.2 inch wide with two grapples**



| Width | Weight | Product no |
|---------|--------|------------|
| 35.4 in | 291 lb | A440857 |
| 51.2 in | 405 lb | A37537 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 900 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1300 | ✗ | ✗ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



Compatible



Not recommended



Incompatible



New

Forestry mulcher

The forestry mulcher is intended for clearing bushes, brushwood and similar vegetation. It can also cut and crush small trees and grind small tree stumps - above ground level. The mulcher features direct hydraulic drive: a hydraulic motor is mounted on the rotor which is equipped with crushing and mulching type carbide teeth.

There is a hydraulically operated hood in front of the rotor. With the hood open it is possible to cut down standing trees and brush. This way the wooden material goes better in the rotor and does not bend under the mulcher before it cuts. When the hood is closed it prevents material from ejecting and improves mulching.

The mulcher is equipped with a horizontal push bar in the front. It guides the material that is being cut, and the push bar can also be used for moving and turning fallen trees and branches if needed.

Support skid shoes and adjustable counterblades in the rear and in the front are also standard equipment. Knife type cutting blades are available as an option, as well as a hydraulic oil cooler for very demanding conditions. Operation of the hydraulic oil cooler requires the optional Opticontrol® on the loader.

An enclosed cab (GT, DLX or LX) is mandatory on the loader when working with the forestry mulcher, due to the risk of material ejecting from the mulcher.

- ✓ **Efficient attachment for clearing bush, brushwood, smaller trees etc.**
- ✓ **Direct hydraulic drive, rotor equipped with durable carbide teeth**
- ✓ **Hydraulic front hood, horizontal push bar and support skids as standard**
- ✓ **Knife type cutting blades and hydraulic oil cooler available as an option**
- ✓ **Requires an enclosed cab on the loader**

| | |
|----------------------|--|
| Working width | 53.1 in |
| Total width | 65.7 in |
| Number of blades | 27 pcs |
| Length | 32.7 in with push bar, 24.0 in without push bar |
| Height | 37.8 in with push bar, 20.9 in without push bar |
| Rotor rotating speed | 2000 rpm (at 17.2 gal/min oil flow) |
| Weight | 970 lb |
| Product no | A457772 |

Requires the optional Opticontrol® on the loader. The loader must be equipped with enclosed cab (GT, DLX, LX) when working with the forestry mulcher.

Options:

Hydraulic oil cooler A458046
Knife type cutting blade A450266

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



Stump grinder

The Avant stump grinder is an efficient and easy to operate tree stump remover. The cutting disc is mounted crosswise in relation to the loader, which means it throws the wood waste to the right side – the waste doesn't fly on the operator or the loader. In addition, the stump grinder is equipped with a protective rubber cover which prevents the wood from flying around.

Grinding happens by moving the grinder forward and backward which means easy control with the drive pedals of the loader – or with the tilt movement of the quick attach plate, and the sideways mounting of the cutting disc guarantees excellent visibility to the working area. The cutting teeth have three cutting edges: once a tooth becomes blunt, its fastening bolt is easy to open and turn the tooth so that a sharp cutting edge comes into use.

- ✓ **Equipped with 21.3 in cutting disc with 20 pcs replaceable teeth**
- ✓ **Teeth have three cutting edges – once a tooth becomes blunt it can be turned to get a new sharp cutting edge**
- ✓ **Excellent visibility to the work area, easy to operate**
- ✓ **Rubber damper on the quick attach bracket minimizes vibrations to the loader and makes working smoother**
- ✓ **Support bearing on cutting disc, reduces torsion forces**



Option:

Heavy duty tooth kit, teeth with tungsten carbide tip A444671

Standard tooth kit A467171

Hydraulic oil cooler * A454526

*) The optional Opticontrol® is recommended on the loader.

| | |
|-----------------------|---------|
| Cutting disc diameter | 21.3 in |
| Number of teeth | 20 pcs |
| Width | 33.1 in |
| Height | 36.2 in |
| Length | 24.8 in |
| Weight | 385 lb |
| Product no | A438282 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | – | – | – | – | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |



Compatible



Not recommended



Incompatible



Horizontal log splitter

The horizontal log splitter is the most economical and simple way to make firewood with Avant. It mounts on the attachment coupling plate of the loader and is operated from the driver's seat. Splitting happens by picking up the log with the splitter and pushing it against the splitting wedge. The log can also be held with the splitter and transported to desired place for splitting.

Splitting force is 8.3 Ton. Maximum log length is 26 in and diameter 11.8 in.

A 4 way splitting wedge is standard equipment, allowing splitting into two or four pieces; a 6 way wedge is available as an option. Wedge height adjustment is manual as standard, hydraulic height adjustment is available as an option.



- ✓ **Horizontal log splitter, mounts on the attachment coupling plate of the loader**
- ✓ **Max. log length 26 in, diameter 11.8 in**
- ✓ **Splitting force 8.3 Ton**
- ✓ **4 way splitting wedge as standard, 6 and 8 way wedges are available as an option**
- ✓ **Manual wedge height adjustment as standard, hydraulic adjustment available as an option**

| | |
|----------------------|---------|
| Max. log length | 26 in |
| Max. log diameter | 11.8 in |
| Max. splitting force | 8.3 ton |
| Weight | 260 lb |
| Product no | A443168 |

Options:

- A443782 6 way splitting wedge
- A453702 8 way splitting wedge
- A443834 Hydraulic splitting wedge adjustment

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|--------------|-----|-------------------|------|------|------|----------------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 180 | | | | ✓ Compatible | | — Not recommended | | | | ✗ Incompatible | | | | | |



Wood chipper CH180

The CH180 wood chipper is an efficient and modern disc chipper, equipped with 4 blades and intended for Avant 600-800 series. It takes in dry twigs, branches and tree tops up to 7.1 in diameter and makes 0.5 in long chips. Material is loaded manually in the infeed chute, but the chipper is equipped with hydraulic feeding rollers and Smart Feed system which monitors rotating speed of the cutting disc. If too much wood is loaded in the infeed chute and the speed of the disc slows down considerably, the rollers reverse a bit which prevents blocking and stopping of the chipper. The adjustments of the Smart Feed system can also be programmed if necessary.

The discharge chute can be rotated manually 290°, and throwing height can also be adjusted by hand. Thanks to the modular design maintenance is easy, and with the discharge chute turned into transport position the CH180 is a compact package.

CH180 complies with the latest EN 13525 standard for wood chippers. It meets the criteria of the standard regarding the distance between the infeed chute and blades (min. 59 in), and infeed chute's bottom must be at least 23.6 in above the ground. The Smart Feed rotation control system also includes an electric emergency stop switch.

- ✓ **Powerful wood chipper for professional use**
- ✓ **Smart Feed hydraulic feeding system and cutting disc speed monitoring (no-stress in-feed control) make chipping easier and more efficient**
- ✓ **Meets the requirements of latest safety standards for wood chippers, including electric emergency stop switch**



| | |
|--------------------------|-----------------------|
| Chip length | 0.5 in |
| Max wood diameter | 7.1 in |
| Number of blades | 4 pcs |
| Feeding system | hydraulic, Smart Feed |
| Discharge chute rotation | manual, 290° |
| Weight | 840 lb |
| Product no | A441997 |

220

225

423

523

528

530

635i

640i

645i

650i

735i

755i

760i

855i

860i

e527

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✗

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✓

✓

✓

✓

✓

✓

✗

Compatible

Not recommended

Incompatible

Options, for attachments

Hydraulic side shift adapter

The hydraulic side shift adapter offers easy, seamless side shift of attachment, operated from the driver's seat. The solid and robust design features strong sliding guides which can also be lubricated. The quick attach plate on the adapter can be mounted in three different positions: on the left or on the right or in the middle of the adapter. This gives three different side shift options: 19.7 in side shift to the right or to the left, or 9.8 in side shift in both directions.

If a hydraulic attachment – 4 in 1 bucket, flail mower, cold planer etc. – is mounted on the side shift adapter, the loader must be equipped with the optional second auxiliary hydraulics outlet in the front, so that the attachment hoses are mounted on the multi connector and the side shift adapter hoses on the optional second outlet.



- ✓ **Easy, seamless hydraulic side shift of the attachment, operated from the driver's seat**
- ✓ **Side shift max. 19.7 in to the right or the left, or 9.8 in in both directions, depending on the mounting of the adapter's attachment plate**
- ✓ **Max. load 2200 lb**

| | |
|------------|---------|
| Width | 50 in |
| Height | 17.1 in |
| Length | 8.6 in |
| Weight | 255 lb |
| Product no | A37235 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Side shift adapter

The side shift adapter is a rigid adapter plate which mounts on the loader's attachment coupling plate. It is equipped with two quick attach brackets, side by side, for mounting the attachment. This means that the attachment can be mounted on the adapter in two different positions:

- with side shift: the attachment is 23.6 in to the side from the centerline of the loader's attachment coupling plate
- without side shift: the attachment is mounted on the brackets which are against the loader's attachment coupling plate



- ✓ **Moves attachment 23.6 in to the side from centerline**
- ✓ **Two models available: 23.6 in side shift to the right or to the left**

| | | |
|--------------------|----------------|---------------|
| Side shift adapter | 23.6 in, right | 23.6 in, left |
| Width | 45.3 in | 45.3 in |
| Height | 10.4 in | 10.4 in |
| Length | 6.2 in | 6.2 in |
| Weight | 100 lb | 100 lb |
| Product no | A37097 | A37166 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Tilt adapter

The Avant tilt adapter is mounted between the attachment and the loader's attachment coupling plate. With it the attachment can be tilted sideways, and makes it possible to:

- Make different forms to the ground with a bucket or leveller
- Keep pallet fork level when you are driving on surfaces with gradient
- Load pallets that are on uneven ground
- Level ground on uneven surfaces

There are two tilt adapters available:

- Tilt adapter with max. 12.5° tilting in both directions. It is intended for buckets, leveller and pallet fork – for jobs where tilting is a must but the tilting angle doesn't have to be big
- Tilt adapter with max. 90° rotation, or 45° tilting in both directions. It is useful in applications where the attachment needs to be rotated more in order to get the job done: with grabbing tool (rotating of barrels etc.), rock drill, artificial turf attachment (to fit through narrow doors) etc.

The hydraulic cylinder of the 90° tilt adapter can be mounted in two different positions, which gives two tilting angles: either 45° tilting in both directions, or 90° rotation in one direction. The tilt adapter is intended mainly for non-hydraulically operated attachments, but with the optional second auxiliary hydraulics outlet in the front it is possible to mount also hydraulically driven attachments like a 4 in 1 bucket, pallet fork with hydraulic fork adjustment, grabbing tool, artificial turf attachment and rock drill at the same time.

- ✔ **Makes it possible to tilt the attachment sideways and grade the ground with a bucket or leveller, or load pallets on uneven ground with pallet fork**
- ✔ **Mounts between the attachment and the quick attach plate of the loader**
- ✔ **Two models: with max. ± 12.5° tilting or with max. 90° / ± 45° rotation**



| Max. tilt | +/- 12.5° | 90°, or ± 45° |
|----------------|-----------|---------------|
| Rated max load | 3750 lb | 2650 lb |
| Weight | 143 lb | 187 lb |
| Product no | A34148 | A36505 |

| | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|--------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| A34148 | — | — | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✘ | ✘ | ✔ |
| A36505 | — | — | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

Attachment rotator

The attachment rotator makes it possible to rotate the attachment 360° continuously (endlessly) in both directions. This is useful in many jobs, for instance when emptying boxes which need to be turned upside down.



- ✔ **Hydraulic rotator makes it possible to empty boxes by turning them upside down, lifting of pallets on uneven ground, turning the attachment 360° etc.**
- ✔ **Mounts between the attachment and the quick attach plate of the loader**

| | |
|----------------|-----------------|
| Rotation | 360° continuous |
| Rated max load | 2650 lb |
| Weight | 210 lb |
| Product no | A424406 |

| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

✔ Compatible — Not recommended ✘ Incompatible

Adapter plate, weld-on

Avant offers a variety of original adapter plates, which can be welded directly onto:

- An attachment you have developed yourself.
- An object you wish to lift securely with Avant

All original Avant adapter plates will fit, which saves a lot of time consuming measuring and adjusting work from you.



| Model | Product no |
|----------------------------------|------------|
| Quick attach brackets | A31566 |
| Heavy duty quick attach brackets | A37015 |
| Adapter plate 0.4 in | A2471 |
| Adapter plate 0.8 in | A2472 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Disclaimer for Avant adapters

The following Avant adapters presented in this catalogue: 3 point hitch adapter A36433; skid steer adapters A437407, A437144, A435531 and A442082 are suitable for use with Avant multi purpose loaders only. For compatibility with Avant loader model please contact your Avant dealer or consult the corresponding Operator's Manual of the attachment.

The adapter is mounted on the Avant loader like other attachments, between the attachment coupling plate of the loader and the attachment of the third party. The Avant adapters are suitable for temporary use, to lift or transport third party attachments occasionally, short distances. The Adapters are not designed for any other use than specified and must not be used for any other purposes than what they are intended for.

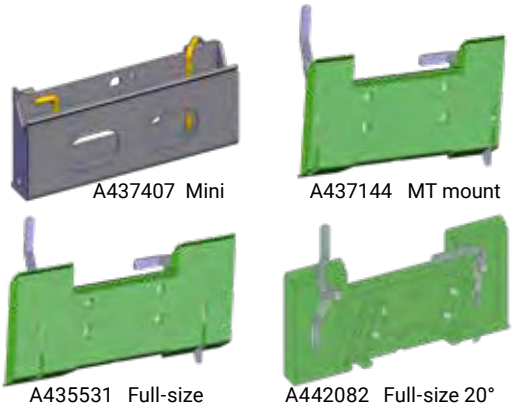
Avant Tecno Oy is not responsible for use or misuse of any third party attachments that are used with Avant adapters. The use of the third party attachments with Avant adapters A36433, A437407, A437144, A435531 and A442082 is done at your own discretion and risk, and with agreement that you will be solely responsible for any personal injuries or material damage.

Skid steer adapter

There are four adapter plates with different widths available which allow mounting of skid steer loader attachments on Avant.

| Model | Product no |
|----------------|------------|
| Mini | A437407 |
| MT mount | A437144 |
| Full-size | A435531 |
| Full-size 20** | A442082 |

* increases dumping angle by 20°



| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Side shift arm 1200

The rigid side shift arm is a side shift adapter which places the attachment 47 in to the side from the centerline of the loader's attachment coupling plate. There are quick attach brackets at each end of the arm, which means the attachment can be either on the right or on the left side of the loader. Max. load on the arm is 1100 lb. It allows, mowing on the side of the loader with the flail mower, cutting bar etc.

The side arm is equipped with a manually operated support leg and a 47 in long hydraulic hose kit (3 hoses) in case the attachment's standard hoses are not long enough to reach the multi connector on the auxiliary hydraulics outlet of the loader.



- ✓ **Rigid side arm, places the attachment 47 in to the side**
- ✓ **Allows mowing on the side of the loader with flail mower, cutting bar etc.**
- ✓ **Quick attach brackets at each end – attachment can be on the right or on the left side of the loader**

| | |
|------------|---------|
| Length | 77.2 in |
| Weight | 130 lb |
| Max load | 1100 lb |
| Product no | A449089 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Drawbar

The rigid drawbar is 40 inches long and equipped with a trailer coupling for ball hitch. It mounts on the attachment's quick attach plate and enables towing of the attachment with the loader. This can be useful with certain attachments, like the roller compactor. Height of the drawbar can be adjusted so that it fits on all models; both on Avant 200 series with lower ball hitch and on bigger Avant models. The loader must be equipped with the 2 in ball hitch.

- ✓ **Rigid drawbar, equipped with trailer coupling for ball hitch**
- ✓ **Mounts on the attachment's quick attach plate – enables towing of the attachment with the loader**
- ✓ **Manual height adjustment, for ball hitches on different Avant models**



| | |
|------------|--------|
| Length | 40 in |
| Weight | 55 lb |
| Product no | A37481 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Hydraulic manifolds to attachment multi connector

There are various hydraulic manifolds with different functions available which mount on the attachment multi connector:

Flow divider valve

This manifold reduces the auxiliary hydraulics oil flow from the loader to the attachment by 50 %. This means that the attachment movement speed is 50 % slower, which can be useful in situations where a slower attachment speed is required, without reducing loader engine revs too much.

Product no. A421684



2-way adjustable pressure relief valve

The pressure relief valve releases the excessive pressure which can be generated in the attachment if it is mishandled by e. g. pulling it too much with the loader. The opening pressure of the relief valve can be adjusted. It controls both the pressure from the loader to the attachment and the pressure in the attachment. In addition, there is a third, feed/tank line which is useful when the attachment is equipped with hydraulic cylinder(s).

Product no. A422104



Pressure gauges

The hydraulic pressures in the attachment, in both lines, are easy to check with these two pressure gauges. They mount on the A422104 2-way adjustable pressure relief valve. A422104 is not included.

Product no. A422475



Double check valve

The double check valve is a lock valve which prevents the movements of the attachment's hydraulic cylinder, in both directions, when the attachment is not in operation. This can be useful for instance with the log grab when handling delicate objects like curb stones etc. – the lock valve makes sure that the grab cannot open.

Product no. A422968



| | | | | | | | | | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Compatible | | | | | | | | | | | | | | | |
| Not recommended | | | | | | | | | | | | | | | |
| Incompatible | | | | | | | | | | | | | | | |

Filter kits



| Product no: | Description |
|-------------|---|
| U00001 | 50 Hour Service Kit 420/423/523 |
| U00002 | 50 Hour Service Kit 528/530 |
| U00003 | 50 Hour Service Kit 630/635/640 |
| U00004 | 50 Hour Service Kit 745/750 |
| U00005 | 50 Hour Service Kit 755i/760i/860i |
| U00006 | 50 Hour Service Kit 220/225/225 LPG |
| A46683 | 200 Hour Service Kit 220 |
| A420536 | 200 Hour Service Kit 225/225 LPG |
| A416943 | 200 Hour Service Kit 420/520 (for SN's after 70169) |
| A425525 | 400 Hour Service Kit 423/523 |
| A48036* | 200/400 Hour Service Kit 528/530 |
| A410961* | 200/400 Hour Service Kit 630/635/640 |
| A459095 | 400 Hour Service Kit 635i/640i/735i |
| A452698 | 400 Hour Service Kit 645i/650i |
| A410784* | 200/400 Hour Service Kit 745/750 |
| A418900 | 400 Hour Service Kit 755i/760i/855i/860i |

* Any machine manufactured after 1/1/2015 has a service interval of 400 hours

Wheels & tires



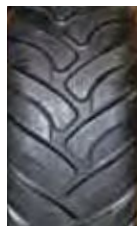
1



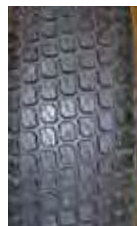
2



3



4



5



6

| Size | Tread | Bolt pattern | Product no: | 220 | 225 | 423 | 523 | 528 | 530 | 635i | 640i | 645i | 650i | 735i | 755i | 760i | 855i | 860i | e527 |
|-------------------|----------|--------------|-------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 20 x 8.00 - 10 | 4, TR | 4 | 66231 | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 20 x 8.00 - 10 | 6, Grass | 4 | 66252 | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 5.00-10* | 1, TR | 6 | 65412 | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 5.70-12 | 2, TR | 5 | A434525 | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 8.50-12* | 2, TR | 6 | 65046 | ✗ | ✗ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 8.50-12* | 6, Grass | 6 | 65045 | ✗ | ✗ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 8.50-12 | 2, TR | 5 | 65995 | ✗ | ✗ | Ⓢ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 23 x 8.50-12 | 6, Grass | 5 | 65994 | ✗ | ✗ | Ⓢ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 23 x 10.50-12* | 4, TR | 6 | 65048 | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 10.50-12* | 6, Grass | 6 | 65047 | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| 23 x 10.50-12 | 4, TR | 5 | 65997 | ✗ | ✗ | ✓ | Ⓢ | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | Ⓢ |
| 23 x 10.50-12 | 6, Grass | 5 | 65996 | ✗ | ✗ | ✓ | Ⓢ | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | Ⓢ |
| 26 x 12.00-12 | 4, TR | 10 | 65739 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | Ⓢ | Ⓢ | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 26 x 12.00-12 | 6, Grass | 10 | 65212 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | Ⓢ | Ⓢ | Ⓢ | Ⓢ | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✓ |
| 320/60 - 12 HD | 4, TR | 10 | 65224 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Ⓢ | Ⓢ | ✗ | ✗ | ✗ | ✓ |
| 27 x 8.50-15 | 2, TR | 10 | 65414 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✓ |
| 26.5 x 14.00-12** | 3, Grass | 10 | 65787 | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| 320/55-15 HD | 4, TR | 10 | 65506 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| 320/55-15 HD | 5, Grass | 10 | 65459 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| 400/50-15 | 4, TR | 10 | 65958 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | Ⓢ | ✗ | ✗ | ✗ |
| 400/50-15 | 6, Grass | 10 | 66257 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | Ⓢ | ✗ | ✗ | ✗ |
| 31 x 15.50-15 | 3, Grass | 10 | 65959 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✗ | ✗ | ✗ |
| 380/55-17 | 4, TR | 10 | 66505 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | Ⓢ | Ⓢ | ✗ |
| 380/55-17 | 6, Grass | 10 | A442475 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ |

* for older 400 series with 6 bolt wheel hubs

** Requires 4 pcs A417486 1.5 in spacers



Standard



Option

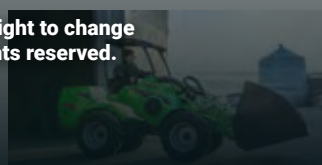
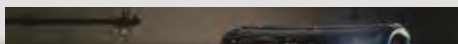


Not available

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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Avant Tecno USA Inc.

1450 E. Algonquin Rd, Arlington Heights, IL 60005
phone 847-380-9822
info@avanttecnousa.com

avanttecnousa.com

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