



# AVANT<sup>®</sup>

## 600 Series



# New concept – top class features

## Forerunner in design and technology

Once again AVANT can bring you cutting edge design and innovative technical features in their new concept machine.

AVANT designers listened to our customer requests and have produced a compact, powerful and versatile machine for professional use. We have been successful in incorporating the best lift capacity and hydraulic output for machine and attachments in this class. In tests, the **AVANT 600** series has already proven its capabilities in all working conditions.





## AVANT 600 series offers all this, in right proportions:

- **Size** - enough to handle heavier loads
- **Smoothness** – does not damage lawns, pavings and other sensitive surfaces
- **Efficiency** – both for lifting and attachments
- **Maneuverability** – always needed when working in the yards and gardens
- **Power** – is useful in any work
- **Versatility** – you can do the job by using just one machine



# Ergonomics and visibility



## Well thought-out AVANT ergonomics

- Ample space even for larger operators
- Easily operated, well-positioned controls
- Excellent feel on both drive and hydraulics controls
- Unrestricted visibility – no need to reach out to see forward or to the side
- Safe and easy access to driver's seat





## **AVANT driver can see what he is doing and where he is going**

Positioned in the front part of the machine, the operator's seat is as close to the attachment as it can safely be.

This, combined with the off center loader boom construction and the low front chassis design, provide wider field of vision, giving unrestricted view of the attachment working.

This great AVANT design improves work efficiency, precision and safety.



# AVANT has the lifting capabilities of



## **AVANT 600 Series – all the advantages of a telescopic handler**

The familiar AVANT qualities are excellent lift capacity and strong, robust construction. In addition, AVANT offers unbeatable features:

- Telescopic loader boom gives more lift height and outreach
- Modern off center boom construction guarantees excellent, unrestricted visibility
- Boom self levelling makes load handling quicker and more precise
- Joystick with electric control of telescopic boom and auxiliary hydraulics speeds up work and gives extra comfort
- More safety thanks to the overload warning system
- Articulated design allows precise sideways moving of the load in tight situations



# a telescopic loader



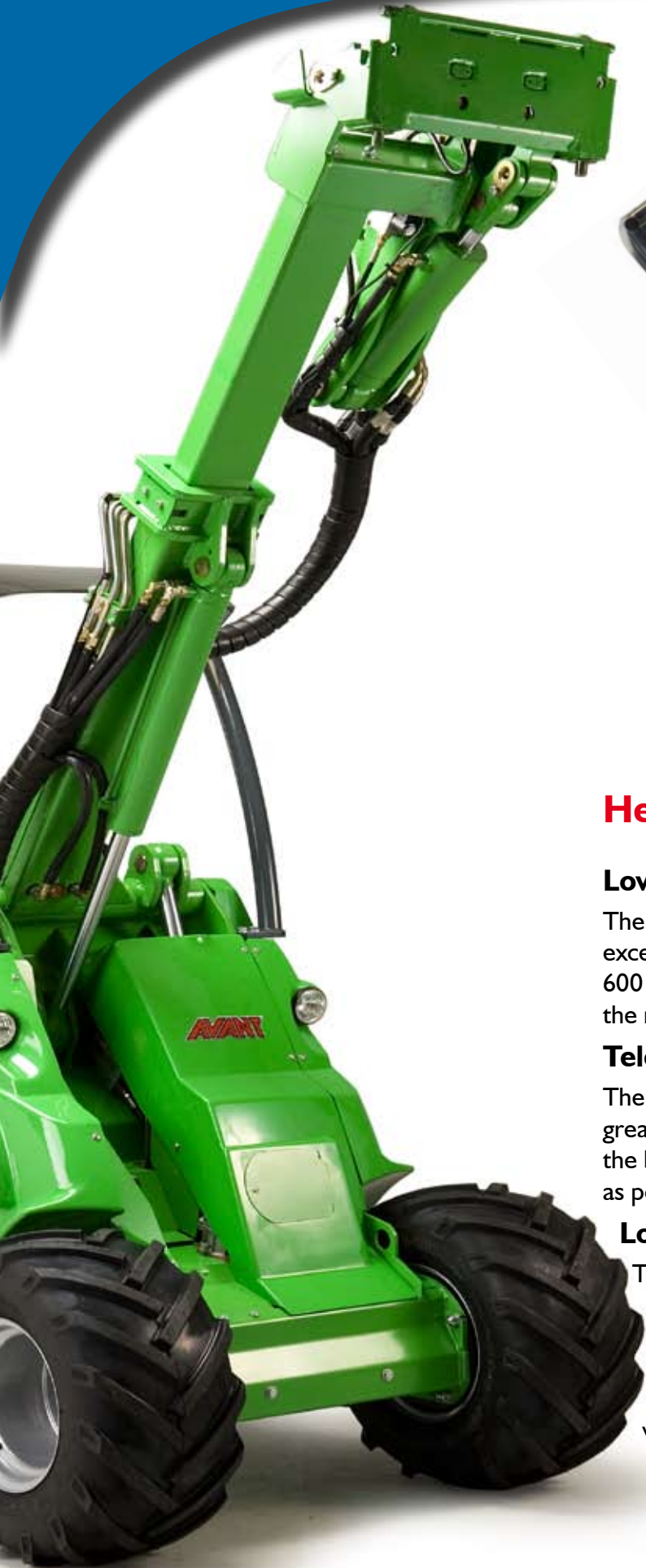
## Even lifting force in all positions of the loader boom

Thanks to the design of the bucket tilt mechanism the bucket breakout force of **AVANT 600** is the best in its class – and very even throughout the tilting range of the bucket. Tilting angle of the bucket is also adequate, both for filling and emptying.

Lift capacity of the loader boom is big enough for any situation, and it is further improved by the lifting force of the self leveling cylinder. With **AVANT 600** you can safely handle loads up to one tonne.



# Stability and safety



## Heavy load stability

### Low center of gravity

The very low center of gravity of the **AVANT 600** allows excellent sideways stability. In stability tests the Avant 600 machines have been tilted sideways to the limit and the results have been conclusive.

### Telescopic boom

The telescopic loader boom is an essential part of this great stability. The 600 series design allows you to keep the boom retracted and the load as close to the machine as possible, simply to be extended only when required.

### Load sensor

The load sensor comes as standard in the **AVANT 600** series. Audible warning signals are heard if the rear wheels are about to lift off of the ground, warning the operator immediately should he, for example, inadvertently move the load away from the machine with the telescopic boom.





## Advanced safety features

### Rigid articulation joint

The rigid articulation joint which doesn't swing sideways is a very important feature in a machine of this size. Thanks to this rigid design the risk of tipping over of the machine is essentially smaller, because the rigid rear chassis will not allow the front chassis to tip the machine over. Many AVANT operators already have a lot of positive experience of this feature.

### Safety frame

The ROPS safety frame – a standard feature like the tinted plexiglass canopy - of the **AVANT 600** series is a four post structure which really protects the operator, for instance when driving backward and accidentally hitting an obstacle. The ROPS frame and the optional FOPS canopy are tested and certified and comply with the relevant ISO standards.

# Three different cab options



## Cab means more working hours

AVANT 600 series is available with three different cab options:

- Light cab L with windscreen & wiper, right side window and rear window; without door and without heater
- Light cab LX with door and with heater
- Full cab DLX with door, heater, fabric seat, radio and lights

### The main objectives in designing the cabs were:

- **Spacious and user friendly**

There is ample space for the operator. All controls are well positioned.

- **Easy access**

Big door and flat even floor guarantee easy access to the cab.

- **Excellent visibility**

Thanks to the big windows the cab does not restrict the field of vision of the operator.

- **Efficient heater (cab LX and DLX)**

The efficient heater keeps windows clear even in bad weather.

- **Safety**

All AVANT cabs are equipped with a tested and certified ROPS safety frame and they comply with the relevant ISO standards – as the regulations require. Also this makes AVANT a safe choice.



# available

## AVANT Cab L

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 600 series ROPS frame, which means safety is guaranteed. It consists of windscreen (equipped with wiper), right side window and rear window.



## AVANT Cab LX

AVANT cab LX is the right solution when a cab with heater is required. The cab LX has all the features of cab L and, in addition, is equipped with a door and a heater, which further improve operator comfort in harsh weather conditions. And for warmer seasons the door and windows can easily be removed if necessary.

The optional headlight, blinker, reflector + beacon kit can be installed both on cab L and LX.



## AVANT Cab DLX

The cab DLX is an independent ROPS/FOPS cab that mounts on the machine instead of the standard ROPS frame. It is equipped with a heater, noise isolating interior and fabric seat, radio and cab air filter. The headlight, work light, blinker, reflector + beacon kit is standard feature as well. This allows road traffic registration in some countries, please consult your AVANT dealer for more information.

AVANT cab DLX is spacious, fully equipped and well-lighted and stands comparison with any cab of similar size on the market.





# AVANT knows landscaping and





# groundcare



## **AVANT 600 – the ideal machine for landscaping**

### **Exactly the right size**

**AVANT 600** series is strong enough to handle heavier loads like stone pallets, big bags etc. On the other hand, it is light enough so that it doesn't damage lawns, pavings and other surfaces.

The compact dimensions of **AVANT 600** mean it can work on any site, and it is easy to transport on a trailer from one work site to another.

### **Versatile**

Perhaps it is the landscaping contractor who needs the most versatile machine. It is a great advantage if one can do many jobs with one single machine: earthmoving and moving of materials, loading and unloading, digging, leveling, milling and even paving. **AVANT 600** is just this kind of machine.



# Estate and property maintenance







## Versatile property maintenance machine

**AVANT 600** series is an excellent machine for property maintenance. The main features for this demanding task are:

### Versatility

Thanks to the complete attachment range **AVANT 600** series is a real all-year-round property maintenance machine.

### Smoothness

The articulated design and compact dimensions make **AVANT 600** an unbeatable smooth and nimble machine. It can easily tackle tight situations like narrow roads, alleys and curves.

### Cab

The spacious cab equipped with efficient heater guarantee comfortable working conditions despite the bad weather.

### Drive speed

The drive speed of **AVANT 600** series is sufficient for reasonable driving distances. This makes it a useful machine for contractors who are doing property maintenance jobs.



# Efficient material handling







## AVANT for efficient material handling

For many companies **AVANT 600** series is an ideal all-year-round forklift truck for outdoors material handling.

AVANT has excellent loading and handling capabilities thanks to the telescopic boom and boom self levelling. In addition, with the same machine you can do various property maintenance jobs like sweeping, mowing, snow removal etc.

## Do-it-yourself

Like its smaller siblings the **AVANT 600** series is an excellent machine for various do-it-yourself jobs – be it smaller earthmoving, material handling, landscaping, sweeping, trenching, lawn mowing... only your imagination sets the limits of what the AVANT can do!

# Technical data, options



## Pulling force

Hydraulic motor	Drive speed	Pulling force
OMT 315	17 km/h	900 kp
OMT 400	14 km/h	1100 kp
OMT 500	11 km/h	1400 kp

## Wheels

Wheel size	Width
27 x 8.50 - 15	990 mm
23 x 10.50 - 12	1100 mm
26 x 12.00 - 12	1290 mm

Model	AVANT 630	AVANT 635
Length	2550 mm	2550 mm
Width (with 26x12.00-12 wheels)	1290 mm	1290 mm
Height	2090 mm	2090 mm
Weight	1350 kg	1380 kg
Standard wheels	26x12.00-12" grass/TR	26x12.00-12" grass/TR
Transmission, drive	hydrostatic	hydrostatic
Auxiliary hydraulics oil flow / pressure	44 l/min 200 bar	66 l/min 200 bar
Turning radius inside/outside	900 / 2190 mm	900 / 2190 mm
Max. lifting height (with telescopic boom)	2820 mm	2820 mm
Max. lifting capacity (hydr.)	1400 kg	1400 kg
Max. tipping load*	1100 kg	1100 kg
Max. breakout force / 50 cm	1250 kg	1250 kg
Engine make and type	Kubota D 1105	Kubota VI505
Engine output (ISO Gross)	21 kW (28 hp)	28 kW (37,5 hp)
Fuel	diesel	diesel

\*with counterweights



## Add efficiency and comfort to your work with options.



Cab L



Telescopic boom



Self levelling boom



Drive release valve



Cab LX



Boom floating



Anti slip valve



Heavy duty covers



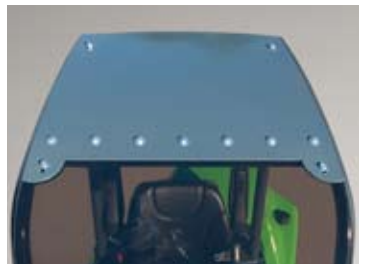
Cab DLX



Road traffic light kit



Work light kit



FOPS canopy



Joystick



Rear auxiliary hydraulics



Catalytic converter



Engine block heater



Rear side weights



Rear bumper



Extra weights, trailer coupling



Hydraulic rear lift



Heavy duty wheels



Snow chains



Tilt adapter



Battery charger





## The most comprehensive, high quality attachment range

AVANT attachments have been designed to work as an equal partner on AVANT loaders, following these principles:

### Compatibility

Best machine-attachment combination can only be achieved when a good basic machine is fitted with attachments that are specifically designed for this machine. The dimensions, auxiliary hydraulics output and other features of AVANT are in perfect balance with the attachments.

### Efficiency

Work efficiency of the attachments is of great importance. AVANT attachments have been designed to give maximum output with the combination loader-attachment.

### Durability

Attachments are designed for hard, continuous professional work.

### Safety

Special attention has been paid to safety features in attachment design.





# Handling

## General buckets



Width	Capacity	Weight
890 mm	180 l	57 kg
1050 mm	210 l	65 kg
1100 mm	215 l	68 kg
1280 mm	260 l	75 kg
1400 mm	285 l	90 kg

AVANT general buckets are designed to speed up your work and make it more efficient: the operator can see the front edge of the bucket from the driver's seat, which means quick and easy loading and emptying. There is a grill at the upper end of the bucket which prevents stones from falling towards the operator.

## Light material buckets



Width	Capacity	Weight
1050 mm	400 l	95 kg
1100 mm	420 l	99 kg
1280 mm	485 l	105 kg
1600 mm	610 l	125 kg
1800 mm	685 l	137 kg

AVANT manufactures buckets in different widths and volumes, destined for different types of jobs, e.g. light materials handling (saw dust, manure, wood chips, mulch), snow removal etc.

## High tip buckets



Width	Capacity	Weight
1050 mm	150 l	129 kg
1280 mm	350 l	160 kg
1800 mm	700 l	330 kg

With high tip bucket you can reach longer and higher than with many bigger machines. The bucket tips over its front edge, which with the telescopic boom means a dump height of 3,15 m!

## 4 in 1 buckets



Width	Capacity	Weight
1100 mm	155 l	152 kg
1280 mm	170 l	175 kg
1400 mm	190 l	190 kg

Efficient multi purpose bucket - can be used as a normal bucket as well as a dozer blade, leveler, stone picker etc. 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. The bucket can also be emptied by opening it, which gives more dumping height. Available with straight edge or with teeth.

## Skip bucket



Capacity	Width	Weight
350 l	950 mm	120 kg
700 l	1390 mm	175 kg

AVANT skip bucket is a very useful attachment for waste collecting and storage as well. Thanks to the two supports you can leave it where you want, fill it and empty it the AVANT way - sitting on the driver's seat. The bucket can also be equipped with a lid.

## Grapple bucket



Width	Weight
900 mm	130 kg
1050 mm	145 kg
1300 mm	165 kg

Grapple bucket combines a normal bucket and a grapple and is therefore suitable for a multitude of jobs. It can be used for transporting and loading of branches, wood chip, compost, straw, manure etc. It can also be used as a normal bucket with the grapple in the upright position.

## Dozer blade



Working width	Weight	Angle	Blade height
2000 mm	165 kg	$\pm 30^\circ$	500 mm
2500 mm	260 kg	$\pm 30^\circ$	520 mm

Equipped with hydraulic blade turning, the AVANT dozer blade is the ideal tool for jobs where the materials must be dozed away quickly. Blade is replaceable; standard blade has straight edge, can also be fitted with rubber or saw-type edge for efficient ice cutting.

## Winch



Pulling force	1000 kp
Pulling speed	2,3 m/s
Cable length	30 m
Weight	105 kg

The AVANT hydraulic winch enables towing of all kinds of objects (e.g. logs, poles, boats) from places where you cannot drive with the machine. The winch is equipped with a safety net, 30 m of wire rope and a towing hitch. It is powered by a hydraulic motor, mounts on the attachment coupling plate and is operated with the auxiliary hydraulics control lever.

## Pallet fork



Length	850 mm	1100 mm
Weight	90 kg	105 kg

AVANT pallet fork is the right attachment for lifting and handling of different types of light materials on pallets. Fork width is easily adjustable with quick-release locking mechanism. Forks are made of heat treated tapered steel and they comply with the relevant ISO standards.

## Forklift mast



Lift height	1750 mm
Lift capacity	1500 kg
Fork length	1100 mm
Tyres	18 x 7.50 - 8
Weight	300 kg

The AVANT forklift mast makes your machine a forklift truck. It is an ideal attachment for handling and lifting heavy pallets (stone, fertilizer), big bags and other heavy materials. It can also be used for loading and unloading materials from lorries. The mast is equipped with big foam filled tyres, which gives good all terrain transporting capabilities. Connecting and disconnecting to the loader is fast and easy thanks to the AVANT quick coupling system.

# Building



## Backhoe 210

Digging depth	2100 mm
Loading height	2000 mm
Slewing	140 °
Buckets	250/400/700 mm
Weight	190 kg

AVANT backhoe 210 is a very compact and amazingly powerful digging unit. It is very quick and easy to mount on the loader (takes only a couple of minutes), and then you have a unit that can work efficiently even in very tight situations. Low weight allows transportation on trailer. Dozer blade at the bottom of the frame is standard feature.

## Backhoe 220/250



Digging depth	2200 mm	2500 mm
Loading height	2100 mm	2100 mm
Slewing	180 °	180 °
Buckets	280/400/700 mm	
Weight	350 kg	370 kg

AVANT 220 and 250 backhoes are specially developed for hard professional work, also in tight situations. The slewing angle of both models is full 180°. They are easy and quick to mount on the loader, and a the hydraulically operated locking bar which mounts on the loader chassis ensures stability during operation. In addition, manually adjustable support jacks are standard feature. Hydraulic tilt grading bucket available as an option.

## Digger I40



Digging depth	1400 mm	1400 mm
Loading height	2500 mm	2500 mm
Buckets	250 mm	400 mm
Weight	80 kg	90 kg

AVANT Digger I40 is a very efficient and solution for small digging operations where a max. digging depth of 1400 mm is enough. It mounts on the quick attach plate of the loader and is operated by the auxiliary hydraulics control lever. Turning to the side happens by turning the steering wheel.

## Trencher



Digging depth	max 900 mm
Trench width	100 - 150 mm

With trencher you can easily dig narrow trenches without damaging lawns and gardens – this trencher is ideal for smaller cable or pipe laying. Digging depth is max. 900 mm, digging width normally 100 mm or 150 mm, depending on chain type. Planetary drive with hydraulic motor guarantee efficient and trouble free operation. Three different types of chains available: standard earth chain, frost chain and heavy duty chain with tungsten teeth.

## Auger



	Augers	Max. torque
Direct drive	100 - 300 mm	1355 Nm
HD 35	100 - 400 mm	1886 Nm
HD 45	100 - 600 mm	2452 Nm
HD 58	100 - 900 mm	3017 Nm

Powerful hydraulic auger with many different auger diameters to suit various tasks, be it post hole boring, tree transplanting etc. Planetary drive gives a lot of torque, replaceable teeth (tungsten teeth as standard) and pilot head enable drilling in hard ground and sandstone also. With the optional extension shafts drilling depth can be increased to max. 2,5 m.



## Hydraulic breaker

Model	Impact energy	Weight
AVANT B70	112 J	70 kg
AVANT B110	180 J	110 kg
AVANT B160	270 J	160 kg

AVANT breakers are specially designed to give best performance together with AVANT loaders. They are extremely efficient and versatile tools in demolition and refurbishing operations: with the same machine you can do the demolition first and then take the debris away with a bucket – very fast and effective, and you can go almost anywhere with this unit.



## Concrete mixer

Volume	80 l
Rotation by	hydraulic motor
Weight	55 kg

AVANT concrete mixer is the ideal attachment for situations where electricity is not available or the mixed concrete must be transported and/or lifted to a place not easily accessible. The concrete mixer is powered by a hydraulic motor and emptying happens by tilting the mixer forward.



## Vibrating plate

Plate dimensions	285 x 500 mm
Vibrating force	900 kg
Vibrating frequency	2000 hits/min
Weight	150 kg

Vibrating plate is destined for earth compacting and is easy to attach to the AVANT. Compacting is easy and safe with the vibrating plate – the operator is not exposed to vibrations or excessive noise.



## Jib boom

Boom length	1020 mm
Hooks	2 pcs
Weight	30 kg

AVANT jib boom is a simple and ingenious attachment: lifting and moving of heavier loads in tight situations is not a problem when you have this jib crane on your AVANT.



## Telescoping jib boom

Max. length	1900 mm
Min. length	1300 mm
Lift height	4,7 m
Weight	110 kg

Jib boom is an excellent tool for all kinds of lifting tasks which cannot be done with pallet forks. With the jib boom you can lift materials to higher levels and to places that are difficult to reach; with smooth, exact and safe control of the boom. This jib boom with hydraulic telescope is even more efficient and versatile in all lifting jobs.



# Property maintenance

## Rotary brooms



Working width	1050 mm	1300 mm
Broom diam.	500 mm	500 mm
Broom mat.	Nylon	
Weight	130 kg	160 kg

AVANT rotary broom is equipped with a floating bracket (allows about 100 mm vertical movement) and three big support wheels in order to follow the contours of the ground. Sweeping angle can be adjusted manually (straight or  $\pm 20^\circ$ ) Broom is made of nylon – solid steel or nylon/ steel brooms are available as an option.

## Brooms with collector box



Working width	1050 mm	1300 mm
Working width with side brush	1350 mm	1600 mm
Waste box volume	170 l	170/200 l
Weight	230 kg	380 kg

AVANT brooms with collector box are specially made for larger yards and street cleaning. Three big support wheels guarantee smooth and easy operation. With the optional side brush cleaning of kerbs and street corners is easy. Collector box emptying is hydraulic – operation with auxiliary hydraulics control lever.

## Snow brooms



Working width	1050 mm	1300 mm
Broom diam.	550 mm	550 mm
Broom mat.	Nylon	
Angle adjust.	Hydraulic	
Weight	130 kg	160 kg

AVANT snow broom is destined especially for snow sweeping. It has been designed to give the best possible snow cleaning results even on uneven surfaces. This broom can also be used as a normal rotary broom for all year round sweeping.

## High pressure washer



Working pressure	200 bar
Water consumption	5-30 l/min
Water tank capacity	270 l
Nozzles	8 pcs

This efficient hydraulic washer is fitted with a 270 l water tank. Max. water pressure is 200 bar, water use is adjustable. Equipped with an adjustable 8 nozzle bar for street washing. A hand held washing gun with 15 m hose roll is standard equipment as well.

## Flail mower with hydraulic boom



Max. outreach	3,5 m
Working width	1,0 m

With the hydraulic boom flail mower you can easily and efficiently mow ditch banks, road sides, embankments and other slopes that are hard to reach. The flail mower is equipped with proportional joystick controls and is operated from the driver's seat.

## Tipping trailer



Load capacity	1200 kg	1800 kg
Width	1125 mm	1350 mm
Length	1710 mm	2240 mm
Tyres	23x8,50-12	26x12-12
Side height	280 mm	560 mm

AVANT tipping trailer is available in two models: with carrying capacity of 1200 kg or 1800 kg. 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, on the bigger model it is standard. **ATTENTION!** The loader must be equipped with the rear auxiliary hydraulics outlet and trailer coupling.

## Sand spreader



Working width	1050 mm	1280 mm
Capacity	230 l	280 l
Operation	with hydraulic motor	
Weight	170 kg	170 kg

A hydraulic sand spreader for fast and efficient sand spreading. Front mounting allows loading from ground level in the same way as with normal bucket. Powered by hydraulic motor and equipped with a mixer axle, which prevents the sand from clogging up. The plates in the feeding roll are spring loaded - this means stones will not block or break the spreader.

## Snow plow



Working width	max. 1800 mm min. 1600 mm
Blade height	600 mm
Plowing angle	$\pm 35^\circ$
Weight	240 kg

AVANT snow plow is the right attachment for efficient snow removal. It consists of two independently adjustable blades. Both blades are spring released and follow very well the contours of the ground thanks to the floating design of the mounting bracket. Angle of each blade can be adjusted separately with electric control switch.

## Centrifugal spreader



Spreading width	0,8-6 m
Volume	250 l
Payload	500 kg
Weight	105 kg

This robust spreader is destined for spreading of sand, gravel, salt and fertilizers. Spreading width and amount are easy to adjust and spreading can be directed just to one side if necessary.

## Snow blower



Working width	1350 mm
Chute rotation	200°
Weight	200 kg

The two phase design (first the auger of the blower takes in the snow, then a separate turbine blows it out) of the AVANT snow blower makes it a very efficient snow removal tool, also with wet and heavy snow. Discharge chute rotation is 200°, powered by hydraulic motor and operated from the driver's seat. Blowing height can be adjusted manually.

# Landscaping

## Lawn mower 1200



Cut width	1200 mm
Knives	2 pcs
Cut height	25 - 100 mm
Weight	170 kg

AVANT lawn mower is a strong and efficient hydraulic mower deck, equipped with four support wheels. It is a mulching mower, but by removing the mulching blades it can also eject the grass to the side or under the mower. Cutting height can be adjusted independently on each wheel. Thanks to the floating design and big rubber support wheels operation is easy in uneven terrain as well.

## Lawn mower 1500



Cut width	1500 mm
Knives	3 pcs
Cut height	25 - 100 mm
Weight	200 kg

The biggest AVANT lawn mower is destined for mowing of larger areas. It is equipped with a floating mounting bracket and four rubber support wheels. This robust mower ejects the grass behind the mower.

## Collecting mower



Cut width	1200 mm
Knives	2 pcs
Cut height	25 - 100 mm
Collector capacity	210 l

With the new AVANT collecting mower you can easily do the mowing and collect the clippings. Thanks to its excellent suction power collecting of leaves from the lawns is also possible.

## Flail mower



Working width	1280 mm
Cut height	30 - 100 mm
Number of cutters	60 pcs
Weight	240 kg

AVANT flail mower is the right attachment for situations where a normal lawn mower cannot be used and where the cut can be more rough. Cuts efficiently long grass and small scrub and is therefore an ideal tool for road bank mowing and similar jobs. Can be equipped with an extension arm for side mount.

## Finger bar mower



Width	1600 mm
Weight	100 kg

AVANT finger bar mower is destined for mowing long hay on fields, meadows and road banks. It is equipped with two moving sickle bars. The long cut hay can be used e.g. for horse feed.

## Rotary hoe



Working width	1300 mm
Working depth	max. 150 mm
Weight	180 kg

AVANT rotary hoe is designed for heavy use, equipped with hydraulic motor and chain drive. Adjustable cultivating depth up to 150 mm - ideal for fine preparation of garden beds, seedbeds, rotovating etc. Can also be equipped with a field roller which makes cultivating depth adjustment easier and levels the cultivated soil.

## Stone buriar



Working width	1300 mm	1500 mm
Working depth	0-140 mm	
Weight	250 kg	300 kg
Weight with seeding unit	290 kg	350 kg

A professional hydraulic stone buriar for preparation of areas to be turfed, seeded or planted. The stone buriar cultivates the soil, buries stones and other objects up to 150 mm deep in a single pass, leaving a cultivated and consolidated topsoil. Working depth steplessly adjustable with the rear field roller. Separate seeding unit which mounts on the stone buriar is also available.

## Rotary harrow



Working width	1220 mm	1400 mm
Width of the field roller	1350 mm	1500 mm
Working depth	0-140 mm	
Weight	220 kg	250 kg

AVANT rotary harrow is an excellent leveler for lawn beds, yards, gardens etc. - for places where the ground needs to be perfectly levelled. It harrows the topsoil only and gives a very nice finish for sowing. Required hydraulics output is lower than that of the stone buriar. Working depth is adjusted with the rear field roller which levels the seeding bed during operation.

## Edge trimmer



Cutting depth	max. 150 mm
Weight	65 kg

AVANT edge trimmer is a perfect attachment for trimming the edges of a lawn, hedges, flower arrangements etc. It consists of a hydraulically operated trimmer mounted next to a cutting disc. The trimmer levels the cutting edge. Cut depth is adjustable.

## Stone installation clamp



Main gripping width	575 - 1245 mm
Total width	990 - 1480 mm
Carrying capacity	400 kg
Weight	230 kg

With the hydraulic installation clamp you can lay paving stones quickly and efficiently. Equipped with adjustable side grippers, hydraulic rotation and ADV pushing off device. Hydraulic control with two hydraulic circuits. Mounts on AVANT jib boom.



# Landscaping



## Stone grab

Opening width	50 - 480 mm
Inside height	170 mm
Gripper length	420 mm
Capacity	900 kg
Weight	55 kg

The mechanical stone grab is easy to mount on the AVANT jib boom. Thanks to the powerful gripping force it can handle concrete components, kerb stones, natural stones, tombstones etc.

## Log splitter



Log diameter	400 mm	400 mm
Log length	600 mm	1000 mm
Splitting capacity	n. 40 logs/min	
Weight	150 kg	250 kg

AVANT log splitter is equipped with a hydraulic cylinder which pushes the log against the splitting blade. Height of the blade is adjustable, allowing splitting either into two or into four pieces. The splitter has automatic reverse and cylinder stroke can be adjusted with a limit switch. Safety features include a stop switch which prevents operation if the blade cover is not down.

## Stump buster



Cutting head diameter	350 mm
Drive shaft length	500 mm
Weight	250 kg

AVANT stump buster is an efficient, easy and safe way for removing tree stumps. It drills big holes in the stump, gradually removing the stump. The three blade cutting head has slow speed and high torque, which means it can be used within confined spaces and pedestrian areas safely.

## Wood chipper



Timber diameter	max. 80/160 mm
Chip length	apr. 13 mm
Weight	300 kg

With the hydraulic AVANT wood chipper you can quickly chip branches, small tree trunks, logging waste, sawmill residue etc. This powerful double-knife disc chipper is equipped with manual wood feeding. Chips can be directed through 360 degrees by turning the chimney.

## Ripper



Width	500 mm
Ripping depth	apr. 300 mm
Weight	50 kg

With the powerful AVANT ripper you can break up ground, pull out roots and rip up compacted ground. Equipped with three replaceable tines, ripping angle can be adjusted with the tilt cylinder of the loader.

## Trailer



Axle	Single	Tandem
Own weight	100 kg	130 kg
Total weight	500 kg	800 kg
Total width	1200 mm	

AVANT trailer with manual tipping is useful when transporting garden waste, top soil, mulch etc.. All sides can be removed if necessary, which makes the trailer an excellent timber transporting vehicle. Big wheels guarantee it will travel on wet ground as well. Equipped with a rotating trailer coupling, for 50 mm ball hitch. Tandem axle version also available.

## Leveler



Width	1200 mm	1500 mm
Weight	85 kg	95 kg

A simple and inexpensive but incredibly useful and efficient attachment for levelling larger areas. With AVANT leveller you can easily and quickly level cultivated soil as a prelude to turfing, seeding or planting, and it can be used effectively in sand schools.

## Log grab



Log diameter max.	500 mm
Weight	60 kg

AVANT log grab mounts on Avant pallet forks. 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 it can therefore lift bigger stones and also branches, twigs and similar material.

## Log cutter/splitter



Log diameter	max. 300 mm
Cutting length	200-500 mm
Sawbar	13"
Weight	265 kg

AVANT log cutter/splitter is a very efficient firewood making machine. It combines a chain saw and a hydraulic log splitter. The log cutter/splitter can be transported with AVANT loader, either mounted on the quick attachment plate in the front or by connecting it to the trailer coupling in the rear.

## Manure fork



Tine length	900 mm
Width	1100 mm
Weight	65 kg

Manure fork is a useful attachment for handling and detaching of manure and similar materials. Strong tines penetrate well in compacted manure also and can carry heavy loads.

# Farming



## Silage fork

Width	Weight
800 mm	85 kg
900 mm	100 kg
1050 mm	120 kg
1300 mm	140 kg

YleA robust silage fork equipped with a powerful hydraulic cylinder. The strong blade type pins of the grapple penetrate very well into all types of feed. The fork has replaceable tines, fastened with a bolt, made of reinforced steel.

## Dozer blade for silage fork



Width, main blade	1200 mm
Width, side blade	550 mm
Weight	50 kg

The dozer blade mounts on the silage fork: just drive the fork into the blade and lock it with the upper grapple of the fork. Destined for cleaning of the floors in cowhouses, stables etc. Equipped with one side blade as standard.



## Silage block cutter

Width	950 mm	1280 mm
Weight	175 kg	280 kg
Capacity	n. 250 kg	n. 400 kg

Powerful and robust silage cutter with two hydraulic cylinders, can be used with all AVANT loader models. With the silage cutter you can easily cut silage from silo and take it directly to the cattle. Thanks to the open design of the cutting blade visibility during silage distribution is very good. Cuts about 8 animals' silage at one time. Tines are made of reinforced steel.

## Carousel broom



Working width	1000 mm
Broom diameter	1000 mm
Broom material	Nylon
Weight	70 kg

This hydraulically operated broom is a useful attachment when sweeping materials to the side. Rotates in both directions, can be used for various tasks and can be equipped with different types of brooms.



## Silage dispenser

Volume	650 l
Width	1360 mm
Weight	240 kg

This dispenser bucket is equipped with hydraulically driven elevator in the bottom and discharging to both right or left side. Especially recommended for precision chopped silage and feeding stuffs mixed with feeding mixers. Loading from ground is easy by tilting the bucket forward. Distributes silage to about 10 cows / fill - it takes approx. 10 minutes to distribute silage to 50 cows.



## Bale grab

Weight	120 kg
Max bale weight	900 kg
Max. grabber width	1470 mm

With the bale grab you can transport wrapped silage bales, hay bales and other round bales without damaging the bale wrapping.



## Grain / flour dispenser

Capacity	300 l
Width	1100 mm
Weight	90 kg

AVANT grain dispenser is a 300 l bucket equipped with a hydraulic motor and a Ø 200 mm screw, destined for distribution of flour, crushed grain etc. Discharges to the right side or to the left side. The edge of the grain dispenser tilts all the way down so that loading from ground level is very easy.



## Horse arena harrow

Width	1350 mm
Weight	240 kg

The horse arena harrow is intended for levelling and loosening horse arena riding surfaces. The harrow has two spring loaded tine rows which will loosen the surface, a leveller that will make the surface completely even and a tilling roller that will compact the ground, leaving a great looking finish to the surface. The harrow will not disturb the lower levels (understructure) of the riding surface. **Attention:** The loader needs to be equipped with single acting rear hydraulics and trailer coupling.



## Straw blower bucket

Capacity	665 l
Height	1270 mm
Width	1460 mm
Weight	200 kg

With the straw blower bucket you can distribute straw quickly and easily to the cow stalls by driving with your Avant. The blower fan discharges the material up to 3-4 m distance, depending on engine rpm. The bucket can blow chopped straw, sawdust, turf and small wood chips. The bucket can be equipped, as an option, with a scraper blade which mounts under the bucket, destined for floor cleaning. With the optional side brush one can clean the back part of the stall also. The bucket is available with discharge either to the left or to the right side.



## Big bag lifter/transporter

Lifting hook height	1200 mm
Width	1000 mm
Weight	80 kg

With the big bag lifter/transporter you can lift and transport big bags. This simple attachment makes loading of fertilizer or stacking of big bags as easy as it can get.





## State-of-the-art manufacturing

AVANT manufactures using the most modern production machinery and methods and benefits from production in series. Quality control, testing and extensive test run for every machine prior to delivery are the essential features of AVANT quality system.

## Spare parts

Quick and reliable spare parts service is very important for any machine owner and operator. AVANT distributors have organised spare parts supply from their stock and the factory can deliver most parts overnight.



## Resale value

AVANT holds its value very well. Good strong basic construction, reliable uncomplicated design, long experience from all kinds of working conditions worldwide combined with a comprehensive service network and spare parts service guarantee that AVANT is the safe choice.





Familiarise yourself with the wide AVANT loader and attachment range on our website:

**[www.avanttecno.com](http://www.avanttecno.com)**

On the website you can also download video clips of the machines at work.

Consult also the website of your local AVANT dealer.

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AVANT has a policy of continuing improvement, and retains the right to change specifications without notice.

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