



AVANT[®]

500 SERIES



The all-new AVANT 500 Series



AVANT 's long standing experience and strong emphasis on product development is clearly visible in the updated, completely renewed 500 series. The operating characteristics, power and user friendliness of the new 500 will meet all your working requirements.

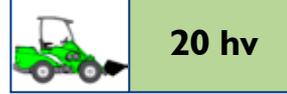
We have taken operators needs into account and have improved and developed:

- Working efficiency and maneuverability
- Versatility
- Ergonomics
- Safety

AVANT 520



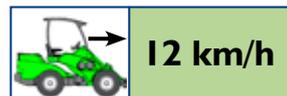
1100 kg



20 hv



2,8 m



12 km/h

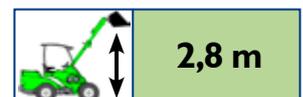
AVANT 528



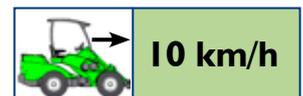
1250 kg



28 hv



2,8 m



10 km/h

Ergonomics



Best ergonomics

Ideal operator position

- Positioned in the front part of the machine, the operator's seat is as close to the attachment as it can safely be – this gives unrestricted view of the attachment working
- Top class working efficiency - safely

Telescopic handler type off center loader boom

- Excellent, unrestricted field of vision to the work and attachment
- More precision, working efficiency and safety
- The loader boom reaches out – not the driver

Well thought-out AVANT ergonomics

- Ample space even for larger operators
- Easily operated, well-positioned controls
- Excellent feel on both drive and hydraulics controls
- Safe and easy access to driver's seat
- ROPS safety frame with tinted plexiglass canopy is standard feature



AVANT has the lifting capabilities



AVANT 500 – all the advantages of a telescopic handler

The unique basic construction makes AVANT an unbeatable machine in its class. All these features give better comfort, working efficiency and working quality.

- Telescopic loader boom gives more lift height and outreach – both equally important
- Modern off center boom construction guarantees excellent, unrestricted visibility – and the operator does not need to reach out to see
- 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.
- Added safety thanks to the overload warning system.
- Articulated design allows precise sideways moving of the load in tight situations.

Top class features

Exactly the right size

- Strong enough – can handle round bales and big bags
- Compact enough – can work in tight situations

Advanced technology

- Stepless hydrostatic transmission
- Hydraulically pilot operated variable displacement drive pump – driving is smooth, no wearparts in the drive system

Comprehensive options range

- Telescopic loader boom gives more lift height and outreach
- Boom self levelling makes load handling quicker and more precise
- Hydraulic rear lift, boom float, extra work lights, cab etc.

of a telescopic loader

Safety

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 articulation joint will not allow excessive sideways movements and the whole weight of the machine acts as counterweight and keeps the chassis stable. 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 - 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.

Telescopic boom

The telescopic loader boom is an essential part of the great stability. The boom 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.

Boom self levelling

The boom self levelling system can be mounted both on the standard fixed length boom and on the telescopic boom. Self levelling makes load handling easier, quicker and more precise.

Load sensor

The load sensor comes as standard in the new AVANT 500 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.



In farming, AVANT has both skill



New AVANT 500 Series – the efficient farming machine

Modern farming requires more and more versatility from the machines, and this has been taken into consideration in the design of the new AVANT 500 series. The first requirement is size: the machine must be compact enough to work in tight situations, go through narrow doorways etc. On the other hand it must be strong enough to handle heavier loads. AVANT 500 Series meets these requirements.

Satisfied users

User satisfaction is very high among AVANT customers. On thousands of farms around Europe AVANT has proven its capabilities and is today one of the most important machines, making many jobs easier. And the AVANTs are working hard every day. On many farms, AVANT collects more working hours than a tractor.

and power



AVANT 500 – more versatile than ever

The power and capabilities of the new AVANT 500 series is sufficient for most of the jobs on the farm:

- Silage distribution
- Handling of wrapped round bales – without damaging the plastic wrapping
- Filling of mixer feeder wagon
- Handling of big bags
- Moving of fertilizer pallets
- Demanuring
- Cleaning and sweeping jobs
- Loading on big and high trailers
- Estate management
- Construction



AVANT – the horse stable tractor



The all round machine for horse stables

AVANT has for many years had a close cooperation with horse stables and horse breeding farms. This long experience is clearly visible both in AVANT loaders and in attachments.

The new AVANT 500 series is exactly the right size multi purpose machine for horse stables.

- Learning to operate the AVANT is very quick and easy – new staff will quickly learn how to drive the machine.
- AVANT 500 can easily handle the bales with a bale grabber, without damaging the plastic wrapping.
- AVANT with an auger is the ideal solution for making fences.
- AVANT and the new horse arena harrow will keep your arena in top shape.
- AVANT is the indispensable tool for demanuring
- In winter you can do the snow removal, sand and salt spreading and other winter maintenance jobs with AVANT
- In summer, AVANT is the machine for lawn mowing, street cleaning and other similar tasks

Landscaping



AVANT – the efficient machine for landscaping

AVANT 500 series, like its big brother 600, really can handle landscaping jobs. This is the work they are doing in over 30 countries already.

AVANT has developed a very comprehensive range of attachments to meet the many varied requirements of landscaping and grounds care. Thanks to the AVANT collection of attachments, one AVANT can undertake the jobs of several different machines. From earthmoving and moving of materials, loading and unloading, digging, leveling, milling and even paving – and also the maintenance jobs like lawn mowing, sweeping etc.

The articulated design and compact dimensions of AVANT 500 mean it can work on any site, and it is easy to transport on a trailer from one work site to another. This means projects are completed more quickly, quality is better and time and money is saved.



AVANT for property maintenance



Property maintenance all-year-round

AVANT 500 series is an efficient machine for property maintenance, also in tight situations. Thanks to the complete, high quality attachment range it tackles the maintenance jobs all-year-round.

In winter, snow removal can be done not only with a bucket but also with a dozer blade, snow plow, snow broom or even snow blower. Sand spreading with the hydraulic or towable spreader is fast, and it can also be done at the same time as snow removal: with the bucket or dozer blade in the front and the spreader in the rear.

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

Different brooms – also with collector box and side brush + water spraying system, and high pressure street cleaners are the ideal tools for cleaning of streets, parks and yards.

The complete AVANT attachment range is available also for various maintenance jobs in parks, gardens, graveyards and other green areas.

Material handling



Efficient material handling

For many companies the AVANT 500 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 the AVANT you can also do various property maintenance jobs like sweeping, mowing, snow removal etc.

Do-it-yourself

AVANT 500 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



Wheels

Wheel size	Profile	Machine width
27 x 8.50 - 15*	tractor	990 mm
23 x 8.50 - 12	tractor or grass	1050 mm
23 x 10.50 - 12	tractor or grass	1095 mm
26 x 12.00 - 12*	tractor or grass	1290 mm

*) Bigger wheels will increase total machine height by 35 mm

Model	AVANT 520	AVANT 528
Length	2430 mm	2550 mm
Width (with 23x10.50-12 wheels)	1095 mm	1095 mm
Height	1980 mm	1980 mm
Weight	1050 + 170 kg	1150 + 170 kg
Standard wheels	23x10.50-12"grass/TR	23x10.50-12"grass/TR
Transmission, drive	hydrostatic	hydrostatic
Pulling force	900 kp	950 kp
Drive speed max.	12 km/h	12 km/h
Auxiliary hydraulics oil flow / pressure	31 l/min 185 bar	36 l/min 200 bar
Turning radius inside/outside	995 / 2050 mm	995 / 2050 mm
Max. lifting height (with telescopic boom)	2790 mm	2790 mm
Max. lifting capacity (hydr.)	1350 kg	1500 kg
Tipping load	800 kg	950 kg
Max. breakout force / 50 cm	1100 kg	1250 kg
Engine make and type	Kubota D722	Kubota D1105
Engine output (ISO Gross)	14 kW (20 hp)	21 kW (28 hp)
Fuel	Diesel	Diesel

Add efficiency and comfort to your work with options.

Boom



Telescopic boom



Self levelling boom



Boom floating

Cabs



Cab L



Cab LX



Cab DLX

Work efficiency



Rear lifting device (528)



Rear auxiliary hydraulics



Road traffic light kit



Work light kit



Rear side weights, 180 kg (528)



Extra weights, trailer coupling



Heavy duty covers (528)



Tilt adapter



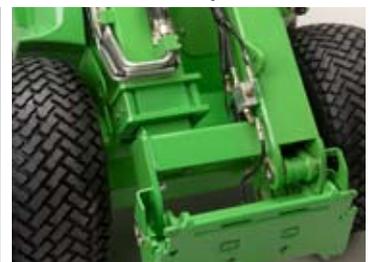
Snow chains



Two auxiliary hydraulics outlets in the front



Multi connector system for attachments



Hydraulic quick attachment coupling plate

Drive

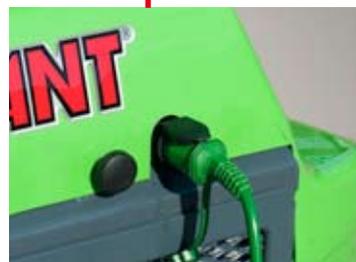


Drive release valve



Anti slip valve

Other options



Engine block heater



FOPS canopy

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	350 l	700 l
Width	950 mm	1390 mm
Weight	120 kg	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	1400 mm	2000 mm
Weight	100 kg	165 kg
Angle	±30 °	±30 °
Blade height	380 mm	500 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.

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 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.

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.

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.



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.

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.

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.

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.

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 140



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

AVANT Digger 140 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 first do the demolition and then take the debris away with a bucket – very fast and effective, and you can go almost anywhere with this unit.

Concrete mixing bucket



Volume	270 l
Rotation by	hydraulic motor
Weight	490 kg

AVANT concrete mixing bucket 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 mixing bucket is powered by a hydraulic motor and emptying happens by tilting the mixer forward.

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.

Jib boom



Boom length	1200 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 boom on your AVANT.

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.

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	1300 mm	1500 mm
Cut height	30-100 mm	
Number of cutters	36 pcs	42 pcs
Weight	290 kg	315 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 burier



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 burier for preparation of lawn beds. The stone burier mills the soil, buries eventual stones and other objects up to 150 mm depth in a single pass, making a milled and tamped topsoil. Working depth steplessly adjustable with the rear field roller. Separate seeding unit which mounts on the stone burier 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 burier. Working depth is adjusted with the rear field roller which levels the seeding bed during operation.

Ripper



Width	500 mm
Ripping depth	n. 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.

Log grab



Log diameter max.	500 mm
Weight	60 kg

AVANT log grab mounts on Avont 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.

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.

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.

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.

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.

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.

Sand spreader



Working width	900 mm	1500 mm
Capacity	200 l	500 l
Operatio	with hydraulic motor	
Weight	170 kg	270 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.

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.

Snow plow



Working width min. and max.	1800 mm	2200 mm
Blade height	600 mm	600 mm
Plowing angle	$\pm 35^\circ$	$\pm 35^\circ$
Weight	240 kg	270 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.

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.

Snow blower I 100



Working width	1100 mm
Chimney rotation	270 °
Weight	235 kg

Avant snow blower is an efficient attachment for snow removal from sidewalks, foot paths, road and similar places where the snow must be spread out evenly. The two-stage design of the Avant heavy duty snow blower makes it a very efficient snow removal tool - also with wet and heavy snow. First the auger breaks up the snow and moves it into the fan which then throws the snow out through the discharge chute.



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

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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