

# AVANT<sup>®</sup>



**500 Series**

# Articulated telescopic loader



## 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.
- Articulated design allows precise sideways moving of the load in tight situations.



### AVANT 520

### AVANT 528

	800 kg		950 kg
	20 hp diesel		28 hp diesel
	2,8 m		2,8 m
	12 km/h		12 km/h
	1320 kg		1420 kg
	2430 mm		2550 mm

# 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/FOPS safety frame with tinted plexiglass canopy is standard feature

## Four different cab options available

- Certified ROPS safety frame with FOPS and tinted plexiglass canopy as standard
- AVANT Cab L: consists of windscreen (equipped with wiper), right side window and rear window.
- AVANT Cab LX: has all the features of cab L and, in addition, is equipped with a door and a heater
- AVANT Cab DLX: independent ROPS cab that mounts on the machine. It is equipped with a heater, noise isolating interior and fabric seat, radio and cab air filter.



# 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

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



## Multi connector system as standard equipment

The multi connector system is standard equipment on Avant 500 series machines and its attachments. It facilitates connecting and disconnecting of attachment hoses considerably, compared with conventional type quick couplings.

## Multi connector benefits

- 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.

# Safety

## Rigid articulation joint

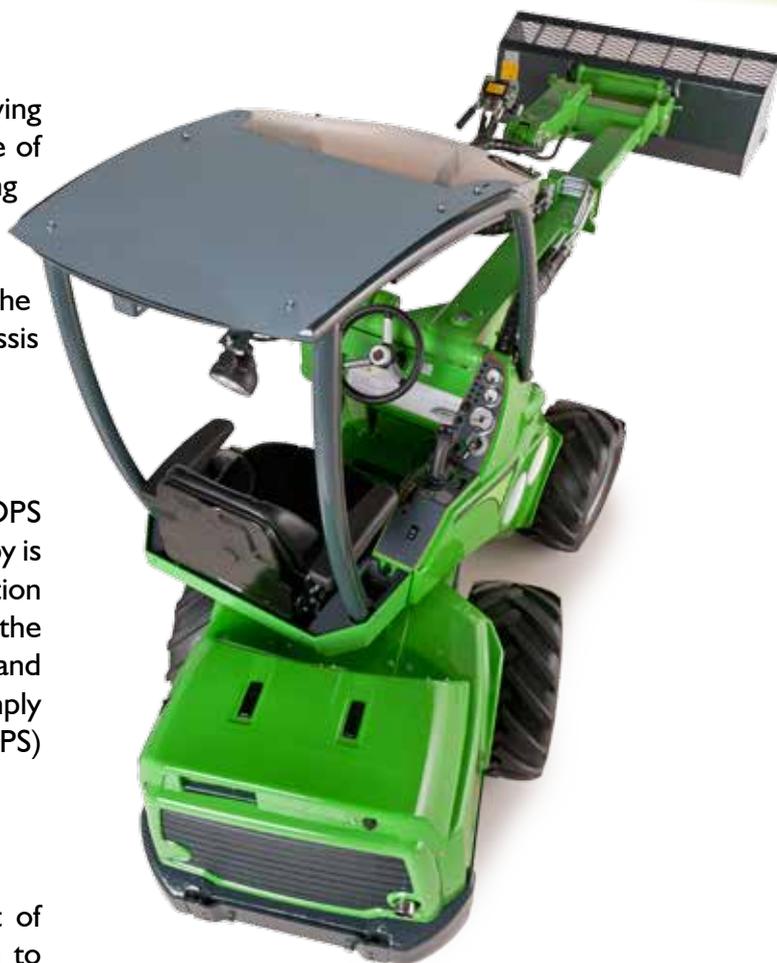
The rigid articulation joint which doesn't swing sideways is a very important feature in a machine of this size. Thanks to this rigid design the risk of tipping over of the machine is essentially smaller, because the rigid articulation joint will not allow excessive sideways movements and the whole weight of the machine acts as counterweight and keeps the chassis stable.

## Safety frame

Fitted as standard to the Avant 500 series, 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 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.



# Indoor jobs

## Avant 525 LPG

Avant 500 series is now available also with an LPG engine. Avant 525LPG is equipped with a Kubota 23 hp LPG (liquefied petroleum gas) engine. Avant 525LPG is ideal for indoor jobs where a compact yet powerful machine is required and where use of diesel or petrol engines is not possible.

Avant 525LPG compared to diesel models:

- Only CO<sub>2</sub> emissions, no small particles
- Quieter engine



# In farming, AVANT has both skill and power



## 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.



## 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.

# Do-it-yourself



## 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!

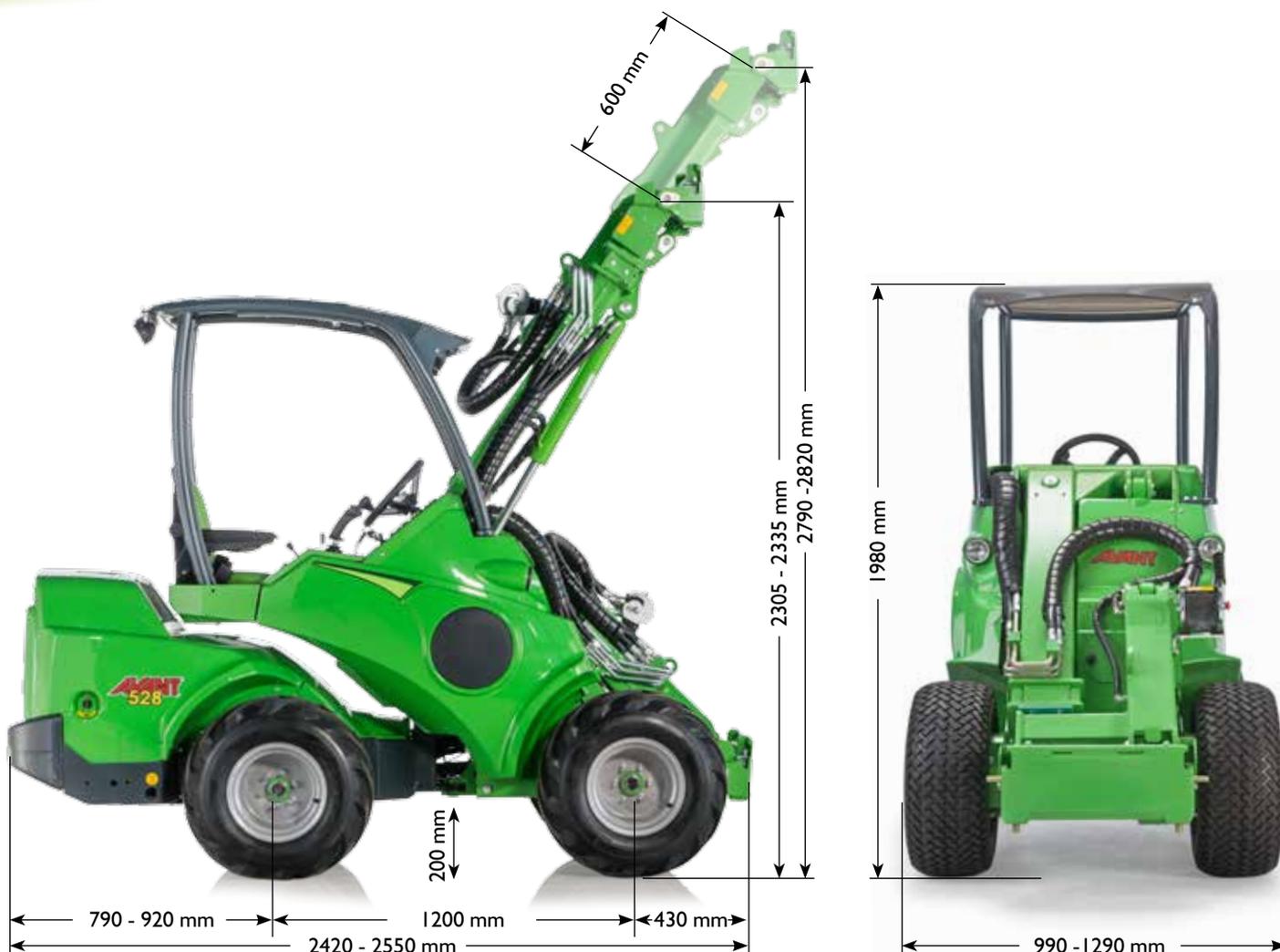
## Efficient material handling

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.



# 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

## Height with Cab

Wheels	LX Cab	DLX Cab
23" wheels	2014 mm	2041 mm
26" wheels & 320/60-12	2049 mm	2076 mm
27" wheels	2062 mm	2089 mm

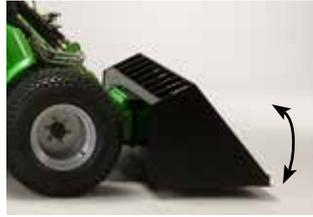
Model	AVANT 520	AVANT 528	AVANT 525 LPG
Length	2430 mm	2550 mm	2430 mm
Width (with 23x10.50-12 wheels)	1095 mm	1095 mm	1095 mm
Height	1985 mm	1985 mm	1985 mm
Weight	1150 + 170 kg	1250 + 170 kg	1150 + 170 kg
Standard wheels	23x10.50-12"grass/TR	23x10.50-12"grass/TR	23x10.50-12"grass/TR
Transmission, drive	hydrostatic	hydrostatic	hydrostatic
Pulling force	900 kp	950 kp	900 kp
Drive speed max.	12 km/h	12 km/h	10 km/h
Auxiliary hydraulics oil flow / pressure	31 l/min 185 bar	36 l/min 200 bar	36 l/min 185 bar
Turning radius inside/outside	995 / 2050 mm	995 / 2050 mm	995 / 2050 mm
Max. lifting height (with telescopic boom)	2790 mm	2790 mm	2790 mm
Max. lifting capacity (hydr.)	1350 kg	1500 kg	1350 kg
Tipping load	800 kg	950 kg	800 kg
Max. breakout force / 50 cm	1100 kg	1250 kg	1100 kg
Engine make and type	Kubota D722	Kubota D1105	Kubota DF752
Engine output (ISO Gross)	14 kW (20 hp)	21 kW (28 hp)	16 kW (23 hp)
Fuel	Diesel	Diesel	LPG (liquefied petroleum gas)

# Add efficiency and comfort to your work with options.

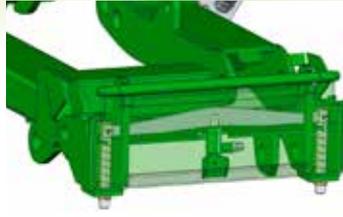
## Boom



Self levelling boom



Boom floating



Hydraulic attachment coupling plate



Tilt adapter

## Cabs



Cab L



Cab LX



Cab DLX

## Work efficiency



Joystick



Rear auxiliary hydraulics



Road traffic light kit



Work light kit



Rear side weights, 180 kg (528)



Extra weights, trailer coupling



Rear bumper



Hydraulic rear lift (528)



Heavy duty covers



Extra aux. hydr. outlet front



Catalytic converter



Heavy duty wheels



Snow chains



Attachment control switch pack



Weather cover



Full weather cover

## Drive

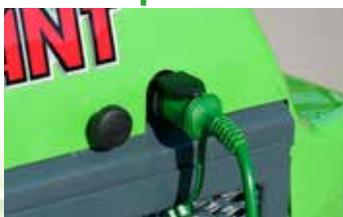


Drive release valve



Anti slip valve

## Other options



Engine block heater



Beacon

# Buckets, material 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.

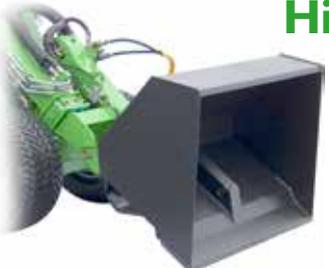
## Light material buckets



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.

## 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.

## 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.

## 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.

## 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.

# Digging and construction

## 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 than 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 260



Digging depth	2600 mm
Width	1300 mm
Boom slewing angle	170 °
Standard bucket	400 mm
Weight	450 kg

Backhoe 260 is a completely new backhoe model from Avant. Boom slewing is executed with two separate cylinders. The new system has less free play when slewing the boom and has less need for servicing. Support legs are hydraulically adjustable. Bucket quick release (manual model) as standard. Mounting the backhoe is now a lot easier with tilttable valve bank and new locking mechanism on the boom.

## Digger 150



Digging depth	1500 mm
Loading height	2500 mm
Buckets	400 mm
Weight	120 kg

AVANT Digger 150 is a very efficient and solution for small digging operations where a max. digging depth of 1500 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 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.

## 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.

## 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.

## Leguan 50



Max. allowed load	200 kg
Max. working height	5,0 m
Height (with lowered platform)	1900 mm
Width	1300 mm
Weight	405 kg

The Leguan 50 is mounted directly on to Avants quick attach plate like any other Avant attachment. This makes it fast and easy to mount it on and take it off. The lift is designed according to all access platform directives and it is CE-certified. The safe working load for the lift is 200 kg which means it is allowed for operation with two men or one man with plenty of tools.

# 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.



## Feed mover screw

Working width	1400 mm
Total width	1635 mm
Weight	120 kg

Efficient way of moving 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, over 10 km/h. 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.



## 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.



## Push Broom

Width	1300 mm
Weight	34 kg

Push Broom is a handy and inexpensive broom for cleaning smaller areas. Push broom has no rotating parts and the idea is to simply push the material in front of the broom. Push broom can also be used when making pavements. By pushing the filler sand sideways across the paving stones the sand will fall nicely between the stones.



## 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. A special grab is available for square bales. Please consult your local Avant dealer.



## Square bale grab

Bale width	800-1200 mm
Bale weight	max. 1000 kg
Weight	140 kg

The square bale grab is intended for lifting wrapped square bales. With the grab all liftings are done safely and securely without damaging the plastic wrappings on the bale. Grab hands can be mounted in accordance with the stacking method, to either lift the bales diagonally or lengthwise.

# Farming/Landscaping

## Round bale spike



Length	1150 mm
Width	1220 mm
Weight	55 kg

With the square bale spike it is easy to lift and transport all square bales without wrappings. Strong and simple construction guarantees a long lifespan.

## Square bale spike



Length	1145 mm
Width	1005 mm
Weight	58 kg

With the square bale spike it is easy to lift and transport all square bales without wrappings. Strong and simple construction guarantees a long lifespan.

## 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.

## Stone collecting bucket



Width	1050 mm
Weight	95 kg

The stone collecting bucket is intended mainly for collecting loose stones from the fields after the field has been harrowed. With an Avant 500 or 600 series it is easy and fast to collect stones from nearby fields.

## Wood chipper CHI00



Timber diameter	max. 100 mm
Chute rotation	180 °
Weight	210 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 180 degrees by turning the chimney.

## Log splitter



Log diameter	400 mm	400 mm
Log length	650 mm	1000 mm
Splitting capacity	appr. 30 logs/min	
Splitting force	7,6 t	9,0 t
Weight	155 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.

## Log cutter/splitter



Log diameter	max. 300 mm
Cutting length	200-450 mm
Saw flange	13"
Splitting power	5,6 tn
Weight	312 + 75 kg

AVANT log cutter/splitter is a very efficient firewood making machine. It combines a chain saw and a hydraulic log splitter. The hydraulically driven chain saw cuts the log, after cutting the log drops automatically on the splitting table where a hydraulic cylinder pushes the log against the splitting blade. Position of the splitting blade can be adjusted, according to the log diameter.

## 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.

## 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.

## 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	1100 mm	1300 mm
Cut height	25-100 mm	
Number of cutters	60 pcs	68 pcs
Weight	260 kg	290 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.

## 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.

## Grabbing tool



Grab diameter	250-1200 mm
Max. load	650 kg
Weight	95 kg

Grabbing tool is mainly intended for lifting and handling of round objects. It is especially suited for lifting of barrels and plant and tree pots. Grabbing force can be adjusted, which means all kinds of objects can be handled without damaging them. Grabbing tool is equipped with two smaller, rubber padded grabs which allow handling of smaller and more fragile objects as well.

## 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.

## 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 areas to be turfed, seeded or planted. The stone burier 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 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.

## Stump buster



Cutting head diameter	350 mm
Drive shaft length	500 mm
Weight	300 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.

# Property maintenance



## Rotary broom

Working width	1500 mm	2000 mm
Broom diam.	550 mm	550 mm
Broom mat.	Nylon	
Weight	200 kg	260 kg

The broom is equipped as standard with turning which is powered by electric actuator motor. The floating mechanism is completely new, and now instead of wheels the brush is resting on its bristles and the whole brush axle is floating freely. This guarantees a noise free float for the brush and a lot of movement space, making sweeping easier. The broom is equipped with supports which can be extended when the broom is not in use - no damaged during storage.

## Collecting broom



Working width	1500 mm
Total width	1800 mm
Waste box volume	200 l
Water tank volume	150 l
Weight	425 - 475 kg

New collecting brush has a heavy duty construction, floating brush axle, automatic brush wear compensation and a specially designed water spraying system for dust binding. The new construction is also well enclosed all around the main brush. This offers a better collection result, especially when turning. Another benefit from the enclosed construction is less dust formation.

## 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.

## 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.

## 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.



## 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.



## Snow plow

Working width min. and max.	1800 mm	2200 mm
Blade height	770 mm	770 mm
Plowing angle	±55 °	±35 °
Weight	280 kg	305 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.



## Snow blower 1100

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.



## Sand spreader

Working width	1300 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.



## Centrifugal spreader

Spreading width	0,8-6 m
Volume	250 l
Payload	500 kg
Weight	130 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.

This brochure shows only few of the 100+ attachments available.  
See more attachments at [www.avantteco.com](http://www.avantteco.com) website.



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