

# AVANT<sup>®</sup>



## R Series

# New R series



The new Avant R series is different from the traditional Avant design in terms of steering: in the R series the operator sits in the rear chassis on top of the engine, whereas in the other articulated Avant models the operator sits in the front chassis.

Except for the steering system the R series is as close to other Avant models as possible and its design is based on the following machines:

**R20 = Avant 520**

**R28 = Avant 528**

**R35 = Avant 635**

High lift capacity, rigid articulation joint, telescopic loader boom and compact dimensions are common features between the R series and other Avant model series. The advantages of the R series steering system are best shown when driving along narrow corridors and in tight situations indoors. Even though the turning circle of the R series is practically the same as with other Avants, it is easier to turn with the R series in very tight situations, because the driver's seat doesn't extend beyond the turning radius of the wheels.

## AVANT R20

	850 kg
	20 hp diesel
	2,8 m
	12 km/h
	AUX 31 l/min
	1365 kg
	2550 mm

## AVANT R28

	900 kg
	28 hp diesel
	2,8 m
	12 km/h
	AUX 38 l/min
	1400 kg
	2550 mm

## AVANT R35

	1050 kg
	37,5 hp diesel
	2,8 m
	14 km/h
	AUX 66 l/min
	1480 kg
	2550 mm



# Top class 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 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.

## **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.

## **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 FOPS canopy is standard feature







## AVANT R series - skill and power in farming

Avant R series is especially designed for customers who value easy driving along corridors in the stables and who are familiar with this type of steering.

Even though the steering system of the R series is different from other Avants, the R series offers a lot of common features which have made Avant loaders famous on thousands of farms.

- **Versatility** – more than 100 attachments
- **Stability** – low center of gravity and rigid articulation joint
- **Telescopic boom** – excellent outreach whenever needed
- **Efficiency** – low unladen weight and high lift capacity

### Satisfied users

User satisfaction is very high among Avant customers. On thousands of farms around the world 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.





## R series in comparison with other Avant models

### Traditional Avant loader

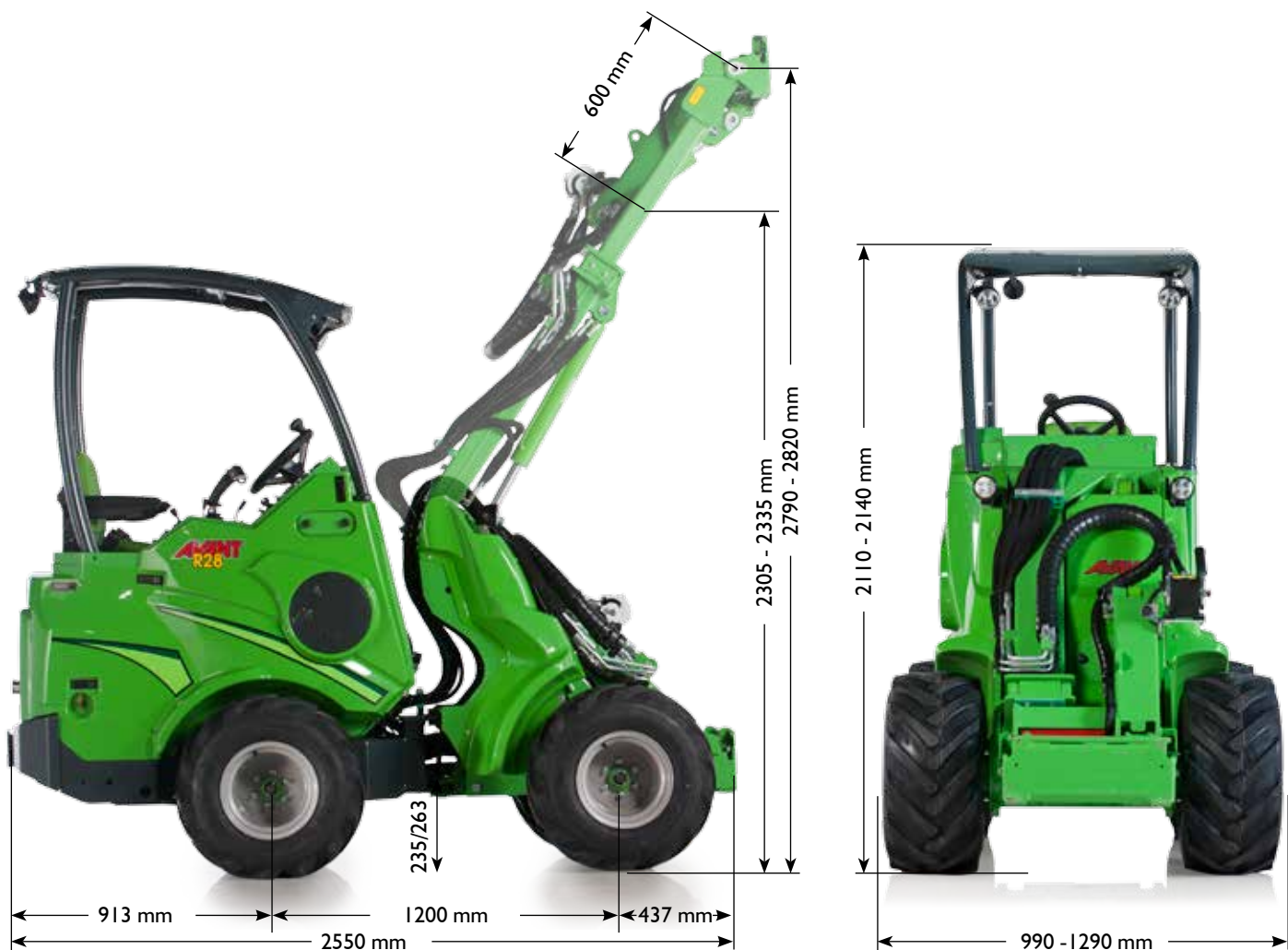
- Operator is sitting closer to the attachment – better field of vision to the attachment
- Higher tipping load when the machine is articulated
- Lower overall height - R series is 100 mm higher than corresponding Avant 500/600 series model
- Can use all Avant attachments
- All cab options (L, LX and DLX) available

### R series

- Easier to reverse with the machine
- Quicker to learn to drive if the operator is familiar with this type of steering
- Turns more sharply in corridors and tight situations
- Cannot use all Avant attachments, backhoes for instance
- Cab L available as an option



# Technical data, options and attachments



## Wheels

Wheel size	Machine width	Max. lifting height
27 x 8.50 - 15 *	990 mm	2850 mm
23 x 10.50 - 12	1100 mm	2790 mm
26 x 12.00 - 12	1290 mm	2820 mm
320/60-12 HD	1290 mm	2820 mm

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

## Machine height

Wheel size	ROPS	L Cab
23x10.50-12	2110 mm	2160 mm
26x12.00-12	2140 mm	2190 mm
320/60-12	2140 mm	2190 mm
27x8.50-15	2175 mm	2225 mm

Model	R20	R28	R35
Length	2550 mm	2550 mm	2550 mm
Width (with 23x10.50-12 wheels)	1100 mm	1100 mm	1280 mm
Height	2110 mm	2110 mm	2140 mm
Weight	1365 kg	1400 kg	1480 kg
Standard wheels	23 x 10,50-12"	23 x 10,50-12"	26 x 12,00-12"
Transmission, drive	hydrostatic	hydrostatic	hydrostatic
Pulling force	900 kp	950 kp	1100 kp
Drive speed max.	12 km/h	12 km/h	14 km/h
Auxiliary hydraulics oil flow	31 l/min	36 l/min	66 l/min
Oil cooler	Standard	Standard	Standard
Turning radius inside/outside	995 / 2135 mm	995 / 2135 mm	898 / 2205 mm
Max. lifting height (with std. wheels)	2790 mm	2790 mm	2820 mm
Tipping load	850 kg	900 kg	1050 kg
Max. breakout force / 50 cm	1050 kg	1100 kg	1250 kg
Engine make and type	<b>Kubota D722</b>	<b>Kubota D1105</b>	<b>Kubota V1505</b>
Engine output (ISO Gross)	<b>14 kW (20 hp)</b>	<b>21 kW (28 hp)</b>	<b>28 kW (37,5 hp)</b>
Fuel	<b>Diesel</b>	<b>Diesel</b>	<b>Diesel</b>



# Add efficiency and comfort to your work with options

## Boom



Self levelling boom



Boom floating



Hydraulic attachment coupling plate



Tilt adapter

## Work efficiency



Joystick



Rear auxiliary hydraulics



Road traffic light kit



Work light kit



Rear side weights, 180 kg



Extra weights, trailer coupling



Catalytic converter



Heavy duty wheels



Snow chains



Attachment control switch pack



Extra aux. hydr. outlet front



Weather cover

## Drive



Drive release valve



Anti slip valve



Engine block heater



Beacon

## Other options

## The most comprehensive, high quality attachment range

Best machine-attachment combination can only be achieved when a good basic machine is fitted with attachments that are specifically designed for this machine.

Contact your local Avant dealer for more information about the attachments and take a look at the complete attachment range on our website [www.avanttecno.com](http://www.avanttecno.com).





# AVANT<sup>®</sup>

**Avant Tecno Oy**  
**Ylötie 1**  
**33470 Ylöjärvi, FINLAND**  
**Tel. +358 3 347 8800**  
**Fax +358 3 348 5511**  
**e-mail: sales@avanttecno.com**

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.

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