



## The full electric battery powered Avant

- ✓ Battery-driven, 100% full electric
- ✓ No exhaust emissions, very low noise, built-in battery charger
- ✓ Optidrive™ drive circuit gives more power for the drive and hydraulic attachments

The full electric Avant is especially suitable for indoor use where ventilation is limited or non-existent and there are strict noise restrictions.

Avant was the first manufacturer to introduce a full-electric, battery-powered compact loader series to the market. Full electric loader with zero emission and extremely low noise is the answer to future demands and the e series offers also the same comfort and properties as the Avant 500 series which is equipped with a diesel engine.

Two full electric models are available, the Avant e5 & e6. Both loaders have an integrated battery charger as standard, which makes it possible to charge batteries anywhere a 230 volt / 10A power outlet is available.

Avant e5 is equipped with a maintenance-free Absorbent Glass Mat (AGM) battery. AGM battery is a lead-acid battery where the electrolyte is held in glass mats – very thin glass fibers are woven into a mat which increases surface area enough to hold sufficient electrolytes on the cells for their lifetime.

Avant e6 is the first compact loader with a lithium-ion battery. The e6 can be fully charged in about an hour with the optional 400V rapid charger so a full day's job can be easily done. The 400V rapid chargers reduce the charging time considerably.

The running costs for e5 and e6 are significantly lower than any diesel-powered loader due to the lack of a combustion engine. One of the advantages of battery-powered machines is more simple maintenance. The batteries and electric motors are practically maintenance free, which means clearly lower maintenance costs for electric loaders.



**2570 mm**



**1400 kg – 1640 kg**



**2790 mm**



**900 kg**



**13,6 kWh  
13,8 kWh**



**0 – 10 km/h**

# specifications



## machine width

Wheel size	Profile	Width
27 x 8.50 - 15*	TR	1030 mm
23 x 8.50 - 12	TR or grass	1080 mm
23 x 10.50 - 12	TR or grass	1130 mm
26 x 12.00 - 12	TR or grass	1290 mm
320/60-12 HD	TR	1290 mm
26,5 x 14.00 - 12**	grass	1420 mm

\*) Bigger wheels will increase total machine height by 13 mm

\*\*\*) Requires 40 mm spacers on the wheel hubs

Model	AVANT e5	AVANT e6
Length	2570 mm	2570 mm
Width (with 23x10.50-12 wheels)	1130 mm	1130 mm
Height (with 23x10.50-12 wheels)	1985 mm	1985 mm
Weight	1640 kg	1400 kg
Standard wheels	23x10.50-12" TR	23x10.50-12" TR
Transmission, drive	hydrostatic Avant Optidrive™	hydrostatic Avant Optidrive™
Drive speed	0 - 10 km/h	0 - 10 km/h
Auxiliary hydraulics oil flow / pressure	30 l/min	30 l/min
Hydraulic oil cooler	Standard	Standard
Turning radius inside/outside	995 / 2050 mm	995 / 2050 mm
Max. lifting height	2790 mm	2790 mm
Max. lifting capacity (hydr.)	1350 kg	1350 kg
Tipping load *)	900 kg	900 kg
Max. breakout force / 50 cm	1100 kg	1100 kg
Battery type	AGM (Absorbent Glass Mat)	lithium-ion
Battery capacity	13,6 kWh	13,8 kWh
Fuel	Electric	Electric