

1



VM-301-GREENLINE with HVZ-UNI-II

## Installation Machine VM-301-GREENLINE

### Installation Machine VM-301-GREENLINE – the new dimension in mechanical paving

All machine functions are powered by maintenance-free asynchronous motors.  
Up to 8 kW drive power transmitted to the drive gears by a differential axle.  
Hydraulic unit with up to 5 kW of power to supply the work hydraulic system.  
Automatic electric parking brake on the front axle.  
Fully glazed tubular steel cabin as weather protection with heating, windscreen wiper and radio.  
With Continuous hydraulic rotator.  
With electronic joystick with arm support for controlling main/ side gripping width and rotator.  
Basic device incl. hydraulic rotator, without attachment.

#### Battery technology / Basic version:

2 lithium ion rechargeable batteries at 48 V, 105 Ah. Total: 210 Ah / 10.1 kWh.

Recharging technology: 2 on-board chargers, each 48 V, 50 A.

Charging time (battery power at 0 %) on a 230 V power supply: approx. 4.6 h

Charging time (battery power at 0 %) on a 400 V power supply: approx. 2.3 h

Max. battery life up to 6 hours of paving operation (without electrical consumers such as heating, fan, lights, radio ...). With intermediate charging (with quick charge function 400 V / e.g. 1 h during lunch break) up to 8 h of paving operation.

For 50% more battery capacity: optional 3 lithium-ion rechargeable battery at 48V, 105Ah



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Type	Description	Battery Capacity Ah	Type of Drive electric/Battery kW	Working Voltage V	Driving Speed km/h (mph)	Weight Paver Layer kg (lbs)*	Dead Weight kg (lbs)	Height Lifting Height mm (in)	Working Load Limit/WLL kg (lbs)	Turning Radius Total mm (in)	Order-Number
<b>VM-301-GREENLINE</b>	Basic device installation machine without laying clamp HVZ	210/315	8/5	48	6/11 (4/7)	380/440 (840/970)	1,340 (2,950)	1,600 (63)	650 (1,430)	2,450 (96½)	<b>51500024</b>



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- Emission-free and low-noise operation.
- Very low vibrations
- Very efficient use of energy thanks to the refined electric motors.
- Display with indicator for battery level, driving speed, operating hours, etc.
- Wide diameter tyres and high ground clearance, therefore suitable also in rough terrain.
- Wide pivoting range of approximately 1,600 mm from a standing position is achieved solely by a steering movement – and without shifting of the pavement.
- Double articulated steering enables manoeuvrability in the tightest spaces.
- Unlimited all-round-view for the driver, important when driving backwards.
- Ergonomical positioning of the seat, steering wheel, joystick, operating lever and pedals.
- With standard built-in radio.

## Accessories

Type	Description	Order-Number
<b>Accu-48V/105Ah</b>	Battery for VM-301-GREENLINE	<b>24200146</b>
<b>Extra weight</b>	To increase the working load limit by 60 kg	<b>41500357</b>
<b>Exterior mirror</b>	Retrofit kit	<b>41500358</b>
<b>Mounting bracket</b>	For light package and/or exterior rear-view mirrors (is only required once)	<b>41500739</b>
<b>Windscreen washer</b>	With adjustable spray nozzles on the windscreen wiper arm. Without adjustable wiping interval. Retrofit kit for VM-301-K/VM-301-GL	<b>41500788</b>
<b>LED-Light kit VM-301-GL</b>	2 x LED headlamps, 1 x LED rear light	<b>41500977</b>
<b>LED-Turning Light</b>	incl. fold-out foot	<b>41500978</b>
<b>Reversing alarm</b>	for VM-301-GL	<b>41500983</b>
<b>Adapter QJ</b>	for Rotator Bini/Baltrotor	<b>40110319</b>

\*At adequate driving speed and lowered load. Max. weight of paver layer: 380 kg (440 kg with extra weight)