

# Lay pavers efficiently – with paver installation machines

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VM-301-GREENLINE with HVZ-UNI-II

**Probst paver installation machines offer simple handling, user-friendly operation and first-class performance. Increase your efficiency and go for first-class quality – with conventional or 100% electric drive.**

Offering a compact design and double articulated steering, the VM paver installation machines provide excellent maneuverability in confined spaces and job sites. Operators appreciate the high visibility to both the laying edge and what is behind them.

A low center of gravity guarantees an optimal static stability at any operating position.

The chassis of the laying machine has got a double center steering. Even driving narrow curves on freshly laid paver surface, no shifting is done to the pavers. The wheels do not twist the pavers, but roll on them.

## Universally usable

The Probst laying machines are universal machines for many different attachments to meet your requirements: Kerb laying clamps, sweeping systems, Vacuum Laying systems for different concrete and natural stone slabs as well as a lot of special tools that you will find in this catalogue.





**ENVIRONMENTAL  
TECHNOLOGY AWARD**  
BADEN-WÜRTTEMBERG 2021  
**3RD PRIZE**  
CATEGORY 3  
EMISSION REDUCTION,  
TREATMENT & SEPARATION



VM-301-GREENLINE with HVZ-UNI-II

## Installation Machine VM-301-GREENLINE

### Installation Machine VM-301-GREENLINE – the new scale 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.  
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 400V / 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.



VM-301-GREENLINE with HVZ-UNI-II

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)	320/380 (710/840)	1,340 (2,950)	1,600 (63)	650 (1,430)	2,450 (96½)	<b>51500024</b>

\*At adequate driving speed and lowered load. Max. weight of paver layer: 380 kg/840 lbs (440 kg/970 lbs with extra weight)



VM-301-GREENLINE with HVZ-UNI-II

- Fully glazed tubular steel cabin for weather protection with heating and windscreen wiper.
- Continuous hydraulic rotator.
- Electronic joystick with arm support for controlling main/ side gripping width and rotator.
- 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 pedal.
- With standard built-in radio.

### Accessories:

Type	Description	Weight Dead Weight kg (lbs)	Order-Number
<b>Battery 48V/105Ah</b>	Rechargeable battery for VM-301-GREENLINE	37 (82)	<b>24200146</b>
<b>Extra weight</b>	To increase the working load limit to 380 kg	35.9 (80)	<b>41500357</b>
<b>Exterior mirror</b>	Retrofit kit	13 (30)	<b>41500358</b>
<b>Mounting bracket</b>	For light package and/or exterior rear-view mirrors (is only required once)	1.6 (4)	<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	13.7 (30)	<b>41500788</b>
<b>LED-Light kit VM-301-GL</b>	2 x LED headlamps, 1 x LED rear light	3.5 (8)	<b>41500977</b>
<b>LED-Turning Light</b>	Incl. fold-out foot	2.0 (4)	<b>41500978</b>
<b>Reversing alarm</b>	For VM-301-GL	2.0 (4)	<b>41500983</b>
<b>Adapter QJ</b>	For Rotator	1.5 (3)	<b>40110319</b>

