



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.
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



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| Type | Description | Battery Capacity Ah | Type of Drive electric/Battery kW | Working Voltage V | Driving Speed km/h (mph) | Dead Weight kg (lbs) | Weight Paver Layer kg (lbs)* | Height Lifting mm (in) | Working Load Limit/WLL kg (lbs) | Turning Radius Total mm (in) | Order-Number |
|-------------------------|--|---------------------|-----------------------------------|-------------------|--------------------------|----------------------|------------------------------|------------------------|---------------------------------|------------------------------|-----------------|
| VM-301-GREENLINE | Basic device installation machine without laying clamp HVZ | 210 – 315 | 8/5 | 48 | 6/11 (4/7) | 1,340 (2,950) | 320/ 380 (710/ 840) | 1,600 (63) | 650 (1,430) | 2,450 (96½) | 51500024 |

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



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- Fully glazed tubular steel cabin as weather protection with heating and windscreen wiper.
- With Continuous hydraulic rotator.
- With 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 pedals.
- With standard built-in radio.

Accessories

| Type | Description | Order-Number |
|--------------------------------|--|-----------------|
| Accu-48V/105Ah | Battery for VM-301-GREENLINE | 24200146 |
| Extra weight | To increase the working load limit to 380 kg | 41500357 |
| Exterior mirror | Retrofit kit | 41500358 |
| Mounting bracket | For light package and/or exterior rear-view mirrors (is only required once) | 41500739 |
| Windscreen washer | With adjustable spray nozzles on the windscreen wiper arm. Without adjustable wiping interval. Retrofit kit for VM-301-K/VM-301-GL | 41500788 |
| LED-Light kit VM-301-GL | 2 x LED headlamps, 1 x LED rear light | 41500977 |
| LED-Turning Light | incl. fold-out foot | 41500978 |
| Reversing alarm | for VM-301-GL | 41500983 |
| Adapter QJ | for Rotator Bini/Baltrotor | 40110319 |