



VM-301-PAVERMAX with HVZ-UNI-II

Installation Machine VM-301-PAVERMAX

Universally suitable for laying all paving stone installation units available on the market.

With Continuous hydraulic rotator.

A 3-cylinder-Kubota-Diesel-engine 18.5 KW/ 25 hp means high performance reserves.

Complies with EU emission regulations level V and TIER IV final (USA), no restriction in environmental zones, as engine power < 19 kW.

The corresponding attachment set is required for attachment of the respective hydraulically powered vacuum device: (vacuum attachment not included)

VM-301-KJ-PAVERMAX: With complete cabin made of safety glass, heating and windscreen wipers. With electronic joystick with arm support instead of mechanical cross control lever to control main/side gripping width and rotator. With vacuum function.

- Sensitive hydrostatic front wheel drive.
- Extra wide types and the differing track widths of the front and rear axle ensure a low degree of stress on the uncompacted pavers as well as a smooth drive.
- Wide diameter tyres and high ground clearance, therefore suitable also in rough terrain.



VM-301-KJ-PAVERMAX with HVZ-UNI

Type	Description	Type of Drive Diesel Engine kW	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
VM-301-PAVERMAX	Basic device installation machine without laying clamp HVZ, incl. hydraulic rotator	18.5	16 (10)	320 / 380 (710 / 840)	1,080 (2,380)	1,600 (63)	600 (1,320)	2,450 (96½)	51500020
VM-301-KJ-PAVERMAX	Like VM-301-PAVERMAX, but additionally equipped w/ complete cabin and electronic joystick.	18.5	16 (10)	380 / 440 (840 / 970)	1,200 (2,650)	1,600 (63)	650 (1,430)	2,450 (96½)	51500023



VM-301-PAVERMAX with HVZ-UNI-II

- 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 tight areas. All outer edges are adapted to the steering geometry which means if there are barriers there are no protruding vehicle parts.
- High lifting height enables the handling of double stacked packs up to a height of 1,600 mm, thus saving a considerable amount of driving-time.
- Narrow swing means that, even at a high lifting height, the positional stability of the machine is not affected. This, combined with a low overall height, is important when operating in underground car parks.
- High degree of stability, even in tight turns, is ensured by the low centre of gravity and the advantageous weight distribution achieved by a new arrangement of the chassis, beam and hydraulic unit system.
- Unlimited all-round-view for the driver, important when travelling backwards.
- Ergonomical positioning of the seat, steering wheel, operating lever and pedals.
- An exceptional driver's seat ensures great comfort for an 8-hour working day.
- Wide-diameter tyres and elastic clamp suspension give a smooth driving effect.
- Large transparent fuel tank with 20 l capacity.

Accessories

Type	Description	Order-Number
Radio attachment kit	for VM-301-K	41500939
LED-Light package VM-301	2 x LED headlamps, 1 x LED rear light	41500910
LED-Light package VM-301-K	2 x LED headlamps, 1 x LED rear light	41500911
LED-Turning light	incl. fold-out foot	41500913
Reversing alarm	for VM-301/203	41500343-003
Exterior mirror	Retrofit kit	41500358
Mounting bracket	For light package and/or exterior rear-view mirrors (is only required once)	41500739
Extra weight	To increase the working load limit to 380 kg	41500357
Diesel particle filter DPF	Retrofit kit for VM-301-K and VM-301	41500784
Filter Cartridge	for Diesel particle filter DPF	26900034
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
PJ-1650-H/Retrofit kit		41500755
Adapter QJ	for Rotator Bini/Baltrotor	40110319
SH-1000-MINI-H/Retrofit kit		41500756
Maintenance Contract	Basis-Service -further services available on request	90010050

Diesel Particle Filter DPF:

- In stainless steel/aluminium casing with quick-release fastener for easy changing of the filter cartridge.
- Disposable filter cartridge (disposal: overground landfill, landfill class II, tied up in a plastic bag), service life > 400 operating hours depending on maintenance condition of the motor.
- Separation rate > 97% of all particles.
- Authorisation/certificates: Vert certificate: check no. B175/12.05, regulations according to TRGS 554 are fulfilled.
- Improvement of the exhaust gas sound insulation as the particle filter acts as an additional silencer.
- The filter casing is fitted with a pressure switch + electronic evaluation system => warning light on instrument panel is illuminated when differential pressure too high => filter change required.
- Delivery contents: filter casing with integrated change filter, pressure switch, electronic evaluation system, installed ready for use with supporting frame and perforated plate cover. We recommend ordering an additional replacement filter cartridge.

*At adequate driving speed and lowered load. Max. weight of paver layer VM-301-PAVERMAX: 320 kg (380 kg with extra weight), VM-301-KJ-PAVERMAX: 380 kg (440 kg with extra weight)

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