



PP with FSD-PP

POWERPLAN PP Screeding Machine



The Screeding Machine POWERPLAN PP was specially designed to screed such bedding material without major wear on the machine. Standard Asphalt Paving Machines, (Finisher) are working with scratch conveyors and worm shafts to distribute the material. When screeding sand or chippings for the bedding of concrete pavers, this abrasive material is wearing away these components very fast, which is causing high maintenance costs.

Whether subbase, base or gravel (up to grain size 0/63), split, whether sand or even bedding material, the POWERPLAN PP from Probst takes on installation of the relevant material in one go (up to installation height 20 cm / 7¾ inch) – at absolutely accurate height.

Depending on height profile and kind of control system used, it is possible to screed per day between 2.500 sqm (27,000 sqft) using sonic control or up to 10.000 sqm (107,500 sqft) using laser control feature.

4-cylinder diesel motor, 18.5 kW / 25.2 hp. Complies with EU emission regulations level V and TIER IV final (USA), no restriction in environmental zones, as engine power < 19 kW.
Hydraulic liftable front chute.



PP

Type	Description	Type of Drive Diesel Engine kW	Working Width mm (in)	Driving Speed km/h (mph)	Weight Total Weight kg (lbs)	Weight Dead Weight kg (lbs)	Length mm (in)	Payload kg (lbs)	Volume Hopper m³ (ft³)	Order-Number
PP	Screeding Machine	18.5	2,050 – 3,450 (80.71 – 135.83)	2.1 / 4.3 (1.3 / 2.7)	6,000 (13,228)	2,526 (5,569)	3,670 (144.49)	3,500 (7,716)	2.5 (88.29)	51300011
S/US-PP	Levelling Kit: 2 x regulator, 2 x ultrasonic sensor, cable set, incl. tilt sensor, case					32.4 (71)				41300259



PP

Sideways foldable chutes to avoid that material is spilling over the side of the hopper. Two independently hydraulically operated lids at the bottom of the hopper to perfectly control the material flow.

Basic width of the screed board 2,050 mm (81"). By using one board extension on either side extendable to 2,400 mm (94") or even 2,750 mm (108").

On either side one smoothing board can be fixed to extend the full working width to 3,450 mm (136"). Smooth-running adjustable cantilevers for holding the sonic sensors (sonic ski), complete scanning width up to 6,500 mm (256"). So a 6,000 mm (236") wide road can be screeded scanning from kerb to kerb.

Compact transportation measurements H x B x L 1,900 x 2,050 x 3,400 mm (75" x 81" x 134") can be transported on a car trailer.

Height control system optional via: 1. Sonic sensors (sonic ski). 2. Laser sensors. 3. Inclination sensors.

- Quick filling of the hopper reservoir with a wheel loader shovel up to 2,500 mm (98") wide, from the front or sideways.

- Simple operation by well arranged instruments. Perfect visibility to relevant spots.

Accessories:

Type	Description	Weight Dead Weight kg (lbs)	Order-Number
LS-PP	Laser Kit: 2 x laser receiver & case	7 (15)	41300006
LXS	Laser Set, consisting of: Leica Rugby CLI/CLX 900 (rotating biaxial horizontal laser), with charger, Li-ion battery, hardcase, binoculars, handheld receiver with integrated remote control and clamp holder	5.0 (11)	24290024
TL-LXS	Telescopic Leveling Post	3.1 (6.83)	71150003
ST-LXS	Tripod for Laser transmitter	4.6 (10)	71150002
FSD-PP	Foldeable and detachable sun/rain roof for the operator	70.9 (156)	41300004
Reversing alarm	For POWERPLAN PP		41300108
RKL-PP	Flashing Beacon	3.5 (7.72)	41300109
Diesel particle filter DPF	For POWERPLAN PP	34.3 (76)	41300192
LED-Light package PP	4 additional LED work lights		41300115

Diesel particle filter DPF: Protects employees from inhaling dust particles that are harmful to health. A DPF is recommended for use in underground car parks, halls or other buildings. Owing to the modular structure of the machine, even older models can be retrofitted with a diesel particulate filter. (Retrofitting possible only at Probst)

- 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.

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