

With screw pumps  
imported from Germany.



## The versatile and efficient screw pump.

### Advantages:

- Compact sized machine.
- Efficient and versatile.
- Powerful.
- Low loading height.
- Suitable for a big range of materials.
- Productive and suitable for a long delivery distance of the material.
- VECTOR technology.
- Suitable for site mixed and ready mixed materials.
- It is equipped with a heavy-duty frequency inverter for controlled output.
- High quality fabrication.

The new **PS 180 V** is a universal plaster machine for a vast range of materials and applications such as cement plasters and mortars, gypsum plasters, decorative plasters, lightweight concrete, refractory mortars, perlite, self-leveling floor screeds, anhydrite screeds, mortars with EPS beads, shotcrete on EPS/3D panels, etc.

Powerful and efficient as always now it is equipped with VECTOR technology that provides higher torque up to 200 % of the electric motor even in the low speeds.

This feature makes **PS 180 V** the ideal machine for demanding materials and for materials that require controlled output.

The performance of **PS 180 V** is similar to the performance of a larger category machines.

Model	PS 180 V	PS180 VS
<b>Gear motor</b>	5.5 kw, 440V With frequency inverter	7.5 kw, 440V With frequency inverter
<b>Air compressor</b>	270 lit/min, twin cylinder	270 lit/min, twin cylinder
<b>Output *</b>	0.3 – 6.3 m3	0.3 – 6.3 m3
<b>Delivery height max *</b>	60 m	60 m
<b>Delivery distance max*</b>	80 m	80 m
<b>Grain size max*</b>	0-7 mm	0-9 mm
<b>Working pressure**</b>	15-30 bar	15-30 bar
<b>Loading height</b>	560 mm	560 mm
<b>Dimensions LxWxH</b>	1913x816x734 mm	1913x816x734 mm
<b>Hopper capacity</b>	180 l	180 l

\* The data is theoretical and it depends mainly on material quality, composition and consistency, the diameter of the conveying hose, the screw pump size and the mix design. The delivery performance in height and distance cannot be achieved simultaneously.

All technical description, information and technical data of this brochure may change without prior notice from our company, please contact us for any additional information about the products and get the latest data update and information.

## Standard version parts:

- Restoration hopper 140 l.
- Optional batching mixer 150 l.
- Screw pump imported from Germany.
- Integrated twin cylinder oil-free air compressor.
- Heavy-duty pump gear motor.
- Electric box with frequency inverter and control panel.
- Vibrating sieve with an electric vibrator.
- Material conveying shaft.
- Robust chassis frame mounted on wheels.
- Toolbox.
- Special light and flexible delivery rubber hoses that can accept pressure up to 120 Bar.
- Air hose.
- Spray gun with nozzles.
- Material pressure gauge.
- Remote start-stop pumping system.



## Quality standards:

- Heavy-duty electric motor.
- Heavy duty frequency inverter.
- Screw pump made in Germany.
- Imported rubber hoses.
- All fabrications and processes are made by CNC and laser cutting machines
- Heavy-duty gearboxes.
- Imported electric vibrator.
- The material conveying shaft is made of alloy steel.
- The mixer shaft is hard chromed and is made of alloy steel.
- Hard chromed transmission shaft.
- Steel hoses couplings.
- Powder coated.
- The threaded parts are galvanized or chrome plated for anti-rust resistance.

## Applications:

- Plastering with site mixed cement based plasters.
- Plastering with dry premixed cement and gypsum plasters in bags.
- Plastering with perlite and lightweight materials.
- Spraying fireproofing materials.
- Pumping self-leveling floor screeds.
- Pumping anhydrite screeds.
- Spraying on 3D panels.



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Standard machine technical description, parts and options may vary according to different market requirements and law.