

With screw pumps  
imported from Germany.



Extremely productive and easy to use  
screw pump with a batching mixer.

### Advantages:

- Equipped with an integrated batching mixer.
- 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 that provides higher torque.
- Suitable for raw site mixed and ready-mixed materials.
- It is equipped with a heavy-duty frequency inverter for controlled output.
- High quality fabrication.
- Manufacturer written warranty.

The **PS 180 VM** with the integrated batching mixer provides mixing quality and productivity with the site mixed and the premixed materials.

This screw pump can easily mix, pump and spray a wide range of materials 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.

The first model of **PS 180 VM** when released in the market was the first plastering machine in its category with a batching mixer.

A unique idea for the mixing quality optimization of the demanding site mixed and for the ready-mixed materials that found many imitators.

The new **PS 180 VM** is the original machine developed for even higher performance similar to bigger and costlier machines, versatility, low costs and amazing productivity.

Model	PS 180 VM	PS 180 VSM
Gear motor	5.5 kw, 440V With frequency inverter	7.5 kw, 440V With frequency inverter
Air compressor	270 lit/min, twin cylinder	270 lit/min, twin cylinder
Output *	0.3 – 6.3 m3	0.3 – 6.3 m3
Delivery height max *	30 m	30 m
Delivery distance max*	60 m	60 m
Grain size max*	0-7 mm	0-7 mm
Working pressure**	15-30 bar	15-30 bar
Loading height	1110 mm	1110 mm
Dimensions LxWxH	1913x816x1300 mm	1913x816x1300 mm
Hopper capacity	180 l	180 l

\* The data is theoretical and it depends mainly on material quality, composition and consistency, the diameter of the conveying hose 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.
- Efficient 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.

**12.4 kw**  
Total power for  
**PS 180 VSM**

**10.4 kw**  
Total power for  
**PS 180 VM**



## Quality standards:

- Heavy-duty geared motor for the pump and the mixer.
- 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.