AF180











AF180 is the Universal Worm gear pump for pumping, spraying, traditional injecting, ready-mixed, masonry, insulating, cementicious, fiber, refurbishing, dispersion, adhesive, reinforcing, special and almost all types of mortars and plasters and floor screeds up to 6mm grain for up to 50m height and up to 80l/min output depending on the material and the worm type.

Rating: Not Rated Yet
Ask a question about this product

Description

Thanks to the available **powerful 13HP Mitsubishi** petrol engine, it is **ideal** for the user who does **not** have a 400 V connection available.

AF180 is also available with a **single phase** 220V and a **three phase** 400V geared motor with **frequency converter** for **easy and precise** output adjustment according to the application and the type of material.

The pump can be filled from buckets, silos, horizontal mixers, M280 mixer and almost any kind of concrete mixers.

Complete series of accessories and spraying guns for different applications and materials are available.

ADVANTAGES

- Reliability
- Minimum maintenance and low service cost
- Large range of applications
- Built-in air compressor
- Large output
- Unique autonomy for petrol engine version.
- Ideal for large and small scale applications
- Easy operation even for inexperienced users.
- Small dimensions
- Easy transportation and restoration
- Remote controlled

SPECIFICATIONS TABLE

MODEL	AF180G	AF180E	AF180V	AF180S	AF180VS	AF180M
Petrol engine	Mitsubishi 9.6 kw	-	-	-	-	-
Geared motor	-	5.5 kw, 400V	5.5 kw, 400V With frequency converter	7.5 kw, 400V	7.5 kw,400V with frequency converter	2.2kw, 230V with frequency converter
Air compressor	370 lit/min two cylinders	270 lit/min two cylinders	270 lit/min two cylinders	270 lit/min two cylinders	270 lit/min two cylinders	270 lit/min two cylinders
Output (*)	2,4 - 6,3 m3	2,4 m3	0.3 – 2.4 m3	2,4 - 6,3 m3	0.3 – 6.3 m3	0,25-1,2 m3
Delivery height max *	50 m	40 m	40 m	50 m	50 m	15 m
Delivery distance *	100 m	80 m	80 m	100 m	100 m	40 m
Grain size *	0 – 7 mm	0 – 7 mm	0 – 7 mm	0 – 9 mm	0 – 9 mm	0-4mm
Working pressure	15 – 30 bar	15 – 30 bar	15 – 30 bar	15 – 30 bar	15 – 30 bar	15-30 bar
Loading height	520 mm	520 mm	520 mm	520 mm	520 mm	520 mm
Dimensions LxWxH	2150x790 x730 mm	2150x790 x730 mm	2150x790x 730 mm	2150x790 x730 mm	2150x790 x730 mm	2150x790 x730 mm
Hopper capacity	180 lit	180 lit	180 lit	180 lit	180 lit	180 lit
Optional mixer M280 capacity	280 lit	280 lit	280 lit	280 lit	280 lit	280 lit

* Depends on material type, quality, composition and consistency, warm type and condition, diameter of conveying hose and conveying height.

FEATURES

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- Petrol engine or geared motor
- Built-in air compressor
- Rotor and stator warm pump
- Feeding warm
- Vibrator
- Restoration hopper 180 lt
- Remote control system
- Vibrating screen with two different types of square mesh (3.5 and 12 mm holes)
- 50 m rubber hoses
- 50 m air hose
- Plaster spray gun
- 4 different size nozzles
- Warm adjuster
- Warm replacing flange for easier assembling and disassembling of the rotor and the stator.

OPTIONAL EQUIPMENT AND ACCESSORIES

- 280lt mixer with petrol engine or geared motor.
- Different types of rotors and stators
- Spraying guns for different materials and applications