



Experience Research Reliability

PS 3000 2D

Double piston pump.

KOHLER
ENGINES



**A diesel robust plaster pump for great performance and productivity
with a low running and maintenance cost.**

Advantages:

- All in one machine.
- 2 pistons pump.
- 24hp, diesel driven
- Powerful and robust.
- Suitable for low cost site mixed materials.
- Pump with low operation and maintenance costs.
- Long delivery distance and height.
- High output.
- Long service life.
- It can be used for a broad range of materials and applications.

The **PS 3000 2D** is a complete plaster pump and sprayer that mixing, stores, pumping and spraying site mixes in long distances and heights and in large output with a powerful 24hp diesel engine for independency from the electric supply.

The **KAPPA PS 3000 2D** is the diesel version of the legendary **PS 3000** and created after a long-term research and development to provide high performance with the most challenging materials in the most difficult conditions when other machines can not work!

The **KAPPA PS 3000 pumps** is the top choice of the professionals for the extremely low operation and maintenance costs that offers.

They have proved their high performance, its reliability and its efficiency in numerous sites in many countries.

The **PS 3000** is the record winner plaster pumps.

	PS 3000/2D	PS 3000/4D
Engine	24 hp KOHLER diesel engine with electric start	24 hp KOHLER diesel engine with electric start
Output*	0.9-5.2 m ³ /h	1.8-10.5 m ³ /h
Delivery pressure max*	40 bar	40 bar
Delivery height max*	120 m	120 m
Delivery distance max*	350 m	350 m
Grain size max*	8-10 mm	8-10 mm
Air compressor	750 l/min, 2 cylinder	750 l/min, 2 cylinder
Mixer capacity	270 l	270 l
Hopper capacity	290 l	290 l
Dimensions (LxWxH) cm	216 x 158 x 148	216 x 158 x 148
Weight	950 kg	980 kg

* 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.

Quality standards:

- Diesel engine made by KOHLER.
- Twin cylinder air compressor by Ingersoll Rand.
- High-grade rubber hoses special made for pumping of plaster.
- All fabrications and machining made by in-house laser cutting and CNC machines for increased quality control.
- The pump casting parts made by high grade alloy steel investment casting.
- The pump shafts are made by alloy steel.
- The mixers shafts are hard chromed and made by alloy steel.
- The pump cylinders are hard chrome plated for extremely high resistance against the abrasion and with special surface treatment for longer life of the piston gaskets and less maintenance of the pump.
- Steel hose couplings.
- The machine body, the covers and the other parts are powder coated.
- The threaded parts are galvanized or chrome plated for rust resistance.



24hp

Applications:

- Plastering with cement and cement-lime based site mixed plasters and mortars.
- Plastering with cement based dry ready mixed plasters in bags.
- Plastering with wet ready mixed plasters supplied by a truck mixer.
- Plastering with perlite and lightweight plasters.

- Spraying cement mixes on 3D panels.
- Pumping floor screeds, slurries, mortars and self-leveling materials for floor screeding.
- Producing and pumping lightweight concrete and thermal insulation materials (perlite, foam concrete etc).
- Spraying cement mixes and mortar to coat cracks and refurbish old buildings, bridges, tunnels etc.
- Conveying masonry mortar for building walls. Injection of cement grout.

Standard version parts:

- Pump with 2 pistons.
- Batching mixer 270 l.
- Storage hopper with agitator 290 l.
- 24hp diesel engine by KOHLER
- Integrated heavy duty twin cylinder air compressor made by Ingersoll Rand.
- Mechanical transmission system with 3-speed levels.
- Robust chassis frame mounted on shock absorbers and wheels.
- Special made for plasters lightweight and flexible delivery rubber hoses that can accept pressure up to 120 Bar.
- 60 cm long spray gun with nozzles.
- Air hoses set.
- Overpressure safety system.
- Remote start-stop pumping system.
- Pressure gauge.
- Vibrating screen.



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

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