



The King of Site Mix!
Universal Double Piston Plastering Machine.

With self loading system



PS 3000 HD

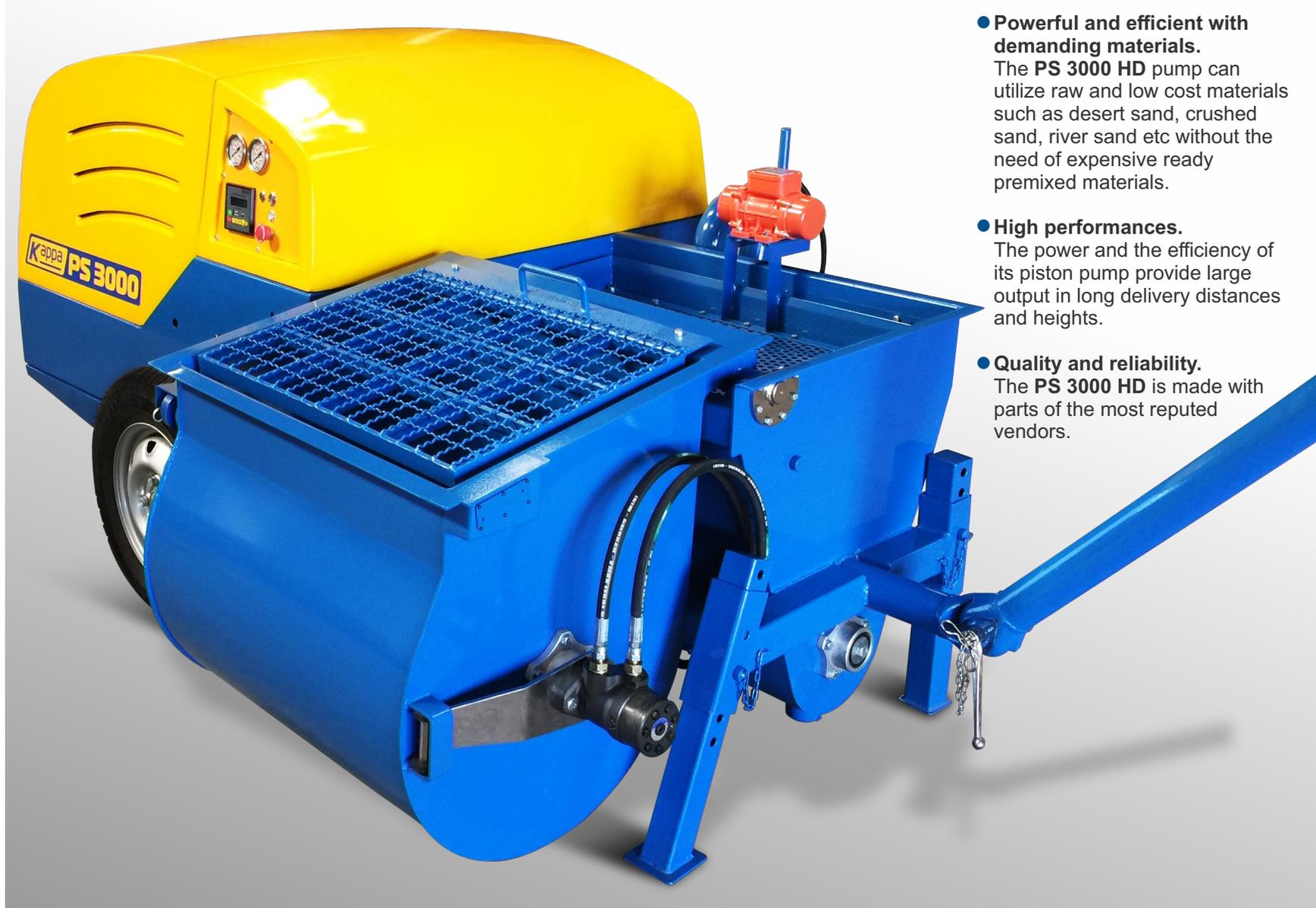
A revolutionary diesel Double Piston Pump and Sprayer for many uses!

The **PS 3000 HD** is the only diesel piston pump and sprayer with self loading system.

This exceptional machine is designed and developed to provide the power and the low running cost of piston pump with the friendly use of a screw pump machine.

The basic advantages of the new **PS 3000 HD**:

- **A user friendly and an easy to operate** machine with a neat design and a complete and informative control panel.
- **Very low loading height** (just 400 mm) that minimizing the fatigue of the labor and by that increasing their productivity.
- **Easy to clean.**
The pump of the **PS 3000 HD** is redesigned and it can be dismantled easily without required to be removed from the machine making its maintenance and cleaning a very easy and quick task.
- **Low running cost.**
Its double piston pump require less maintenance and much less costing disposables in comparison to any type screw pump.
The pump cylinders are hard chromed with a special surface treatment that optimizing the lubrication of the piston gaskets reducing enormously their wear and tear and making the need of their replacement more rare.



- **Powerful and efficient with demanding materials.**
The **PS 3000 HD** pump can utilize raw and low cost materials such as desert sand, crushed sand, river sand etc without the need of expensive ready premixed materials.
- **High performances.**
The power and the efficiency of its piston pump provide large output in long delivery distances and heights.
- **Quality and reliability.**
The **PS 3000 HD** is made with parts of the most reputed vendors.

You asked for a machine with the power and the low running cost of a piston pump and the friendliness of a screw pump and KAPPA just did it!

PS 3000 is a fully equipped machine sticktly for professionals and demanding projects.

The **PS 3000 HD** is the most well equipped machine in its category in the standard version.

For the manufacturing of the **PS 3000 HD** are used mechanical parts from well known vendors, high quality components and processes.

The main parts of the machine are the following:

- **Double piston pump.**

The powerful pump is made with high grade alloy investment casting steel and the cylinders are hard chromed and special surface treatment for longer lasting performance and significantly less wear of the piston gaskets.

- **Diesel engine made by Mitsubishi.**

The latest technology 3 cylinder diesel engine by Mitsubishi provides 28 Hp.

- **Batching mixer.**

The largest batching mixer in the category 270 l for higher output and with steel and hard chromed shaft for higher reliability.

- **Restoration hopper.**

Restoration hopper with agitator which is also the largest in the category 290 l with steel and hard chromed shaft.

- **Vibrating screen.**

Screen with a 12VDC vibrator made by **OLI** Italy.

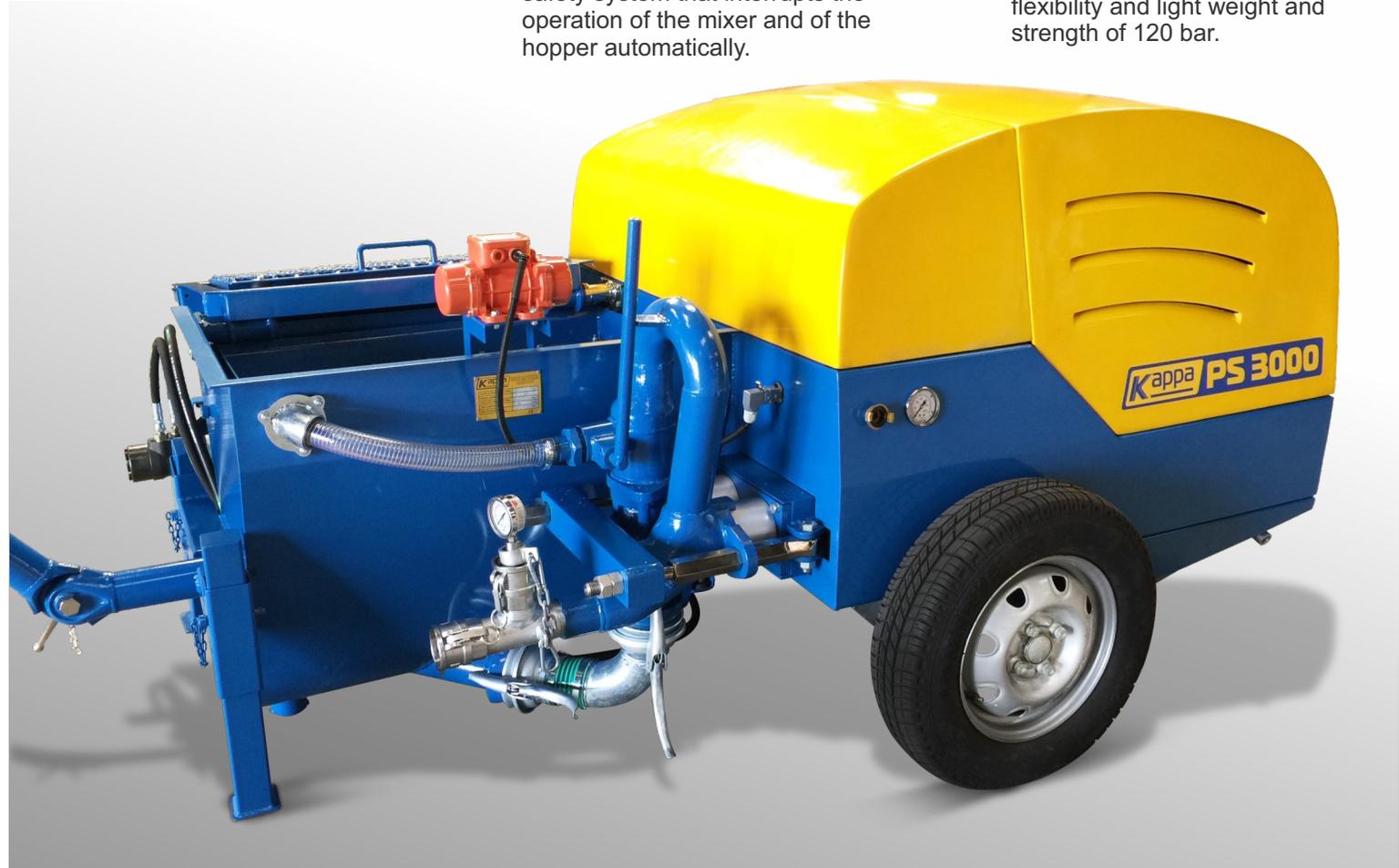
- **Electrical components by Bosch and HELLA.**

- **Material pressure gauge and safety.**

Over pressure protection and safety system that interrupts the operation of the mixer and of the hopper automatically.

- **Rubber hoses made by GATES.**

Hoses made especially for mortar with textile braids for flexibility and light weight and strength of 120 bar.



- **Twin cylinder air compressor by Ingersoll rand.**

750 l/min output cast iron heavy duty air compressor made by a leading company in air compressors.

- **Rexroth Bosch Hydraulics.**

The control of the hydraulic parts is arranged reliably by the top company in hydraulics.

- **Robust frame and chassis.**

The PS 3000 chassis and frame are made 100 % by laser cut and CNC bended parts and the machine is placed on shock absorbing axle made by **Knott** Germany.



Experience • Research • Reliability

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Technical data:

- /2 Double piston pump with 2 gravity valves
- /4 Double piston pump with 4 gravity valves
- /D Double piston pump with diesel engine
- /E Double piston pump with electric motor

	PS 3000/2D	PS 3000/4D	
Motor	28 hp diesel engine with electric start	28 hp diesel engine with electric start	
Output*	0,9 – 5,2 m3/h	1.8 – 10,5 m3/h	
Delivery pressure*	40 bar	40 bar	
Delivery height*	up to 120 m	up to 120 m	
Delivery distance*	up to 350 m	up to 350 m	
Max. grain size*	8 – 10 mm	8 – 10 mm	
Air compressor	2-cylinder 750 lit/min	2-cylinder 750 lit/min	
Mixer capacity	270 lit	270 lit	
Hopper capacity	290 lit	290 lit	
Dimensions (LxWxH) cm	216 x 158 x 148	216 x 158 x 148	
Weight	950 kg	980 kg	

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

All above description in this brochure and technical data may can change, please contact us for any information concerning this product.

Our partner:

