



# **PLUNGING-PISTON PUMP MOD. W3013**



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for ceramic slurries and dense, abrasive suspensions, consisting of:

**Pumping unit** with two elements operating in alternating synchronism, each consisting of:

- wear-resistant high-alumina ceramic piston with packing seals;
- cast iron cylinder with water chamber for cooling and seal protection;
- guiding and connection system between pumping piston and hydraulic cylinder;
- stainless steel suction and delivery valves, easy to dismantle;
- flow dampener with pressure gauge;
- connecting manifolds with flanges and washing water valve.

**Hydraulic driving group**, consisting of:

- hydraulic power unit complete with oil tank, electric pump, pressure/flow regulation system, filter, pressure gauge and oil heat exchanger,
- two double-acting hydraulic cylinders with flexible hoses..

**Accident-preventing protections** according to CE Standards.

**Base frame** made of welded steel sections supporting all components.

## Technical features

Maximum flow rate (with pump fed under fluid level)	13.000	l/h
Maximum delivery pressure	30	Kg/cm <sup>2</sup>
Max. head on suction side (water column)	3,5	m
Cooling water flow rate (at 20 °C)	25	l/min
Piston diameter	170	mm
Installed power	22	kW
Dimensions(mm)	2.130*1.170*1.750 H	
Weight	1.400	Kg