

# P13

Piston Pump

**2MES**  
PUMP- MISCH- FÖRDERSYSTEME GMBH



## The famous piston pump P13 - a powerful solution especially for site mix applications

The piston pump P13 processes all kinds of locally available plaster sands up to 10mm aggregate size.

Use your regular plaster sand and apply your own material mix with the P13. Take advantage of the big plastering capacity by benefiting from inexpensive material costs.

The P13 is an extremely reliable low-maintenance machine for quicker more consistent results and better quality than manual processing.



90251GB



# P13

## Piston Pump

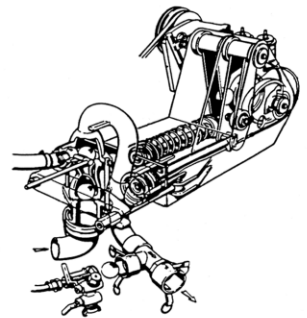


### ► Fields of application

The double piston pump P13 is the perfect mixing, pumping and spraying unit for toughest operations. It is the best solution for processing job site mixes or other mortars with up to maximum 8mm (version KA139, with pistons diameter 90mm) or even 10mm grain size (version KA230 with 100mm piston diameter and bigger valve housing for more difficult plaster sand grading and mixtures). Whether grouting, filling, spraying, plastering, injecting or leveling, the P13 covers a huge variety of applications. Besides site mixes made of local plastering sand, cement and/or lime with water, any common preblended dry mortars like lime mortar, lime-cement or cement mortars, grouts, insulation mortars, bentonite, masonry mortars, etc. can be applied.

### ► Function

The selectable Diesel engine or electric motor gives the power to turn the camshaft driving the working piston. A compensation piston equalize the strokes of the working piston and provides a continuous flow. The pulleys of the belt drive allows to set the output to low, middle or maximum. Three more belt drives are for the mixer shaft, agitator shaft in the wet material hopper and the compressor. A pneumatic remote control gives the operator the possibility to start/stop the pump drive at the spray gun.



### ► Advantages

The P13 is a piston pump with maximum performance, manufactured by Putzmeister Mörtelmaschinen GmbH. It is ideal for long distance pumping and better for difficult mortars than other pump types with low wear and less wear costs. The batch mixer is ideal for site mixes. A vibrating screen with 10mm mesh on top of the wet material hopper avoids blockages and an agitator shaft inside the hopper prevents segregation causing blockages, too. The built-in compressor provides the air for spraying works, the pneumatic remote control allows to start/stop the pump drive by the spray gun. Plastering has never been so efficient and cost-effective. The P13 trailer pump is an extremely reliable, low-maintenance machine, specially adapted to regional requirements and local available plastering sand, is quicker with more consistent results and better quality than manual mortar processing. Optional available are mortar and air hoses, spray and injecting guns, etc.

► Technical data	P13 EMR KA139	P13 EMR KA230	P13 DMR KA139	P13 DMR KA230
Power supply/motor	3~400V/50Hz, 20A	3~400V/50Hz, 20A	2-cylinder Diesel	2-cylinder Diesel
Drive	7.5kW	7.5kW	12.5kW	12.5kW
Output	30 - 75l/min	35 - 90l/min	15 - 65l/min	20 - 80l/min
Pumping pressure	up to 40bar	up to 40bar	up to 40bar	up to 40bar
Pump distance/height	up to 300m/100m	up to 300m/100m	up to 300m/100m	up to 300m/100m
Volume mixer/hopper	170l/200l	170l/200l	170l/200l	170l/200l
Air compressor	3.5bar, 300l/min	3.5bar, 300l/min	3.5bar, 300l/min	3.5bar, 300l/min
Outlet	M50	M50	M50	M50
Filling height	1300mm	1300mm	1300mm	1300mm
Weight (with brakes)	1000kg (1100kg)	1020kg (1120kg)	1000kg (1100kg)	1020kg (1120kg)
Dimensions LxWxH	3000x1564x1625mm	3000x1564x1625mm	3000x1564x1625mm	3000x1564x1625mm
Length with brakes	3785mm	3785mm	3785mm	3785mm
Part no. w/o brakes	500076	500078	500080	500082
Part no. with brakes	500077	500079	500081	500083

Standard equipment: T-part , manometer, tools, documentation    T-part, manometer, tools, documentation    T-part, manometer, tools, documentation    T-part, manometer, tools, documentation



Partner of PUTZMEISTER Mörtelmaschinen GmbH

[www.pmfsgmbh.de](http://www.pmfsgmbh.de)

Subject to modification without notice.  
Errors and omissions excepted.  
© 2013 by PMFS GmbH. All rights reserved.

PMFS GmbH  
Alte Landstrasse 57  
72072 Tuebingen  
Germany

phone +49 7071 4076785  
fax +49 7071 7506993  
[info@pmfsgmbh.de](mailto:info@pmfsgmbh.de)  
[www.pmfsgmbh.de](http://www.pmfsgmbh.de)