

PAS MF Range

from 80mm (3 inch) to 300mm (12 inch)
Maximum flow up to 313 l/s - Maximum head up to 37m

PAS MF - Vacuum prime centrifugal pumps

The pump system consists of a centrifugal pump and a separator, which enables air to be separated from the liquid and be sucked by a vacuum pump - making automatic priming possible. Even with suction heights of several metres the machine rapidly evacuates the air from the suction pipe and starts to pump. Additionally, thanks to the semi-open impeller, the PAS MF range is also suitable for pumping liquids with solids in suspension.

Applications

Both Atlas Copco and Varisco have decades of experience in designing and producing pumps. We have those years of expertise into providing solutions that work across multiple applications. The PAS MF range is packed with features that not only meet, but exceed the needs of the market. We are focused on an efficient, extremely versatile pump that is suitable for many industries, including construction, general dewatering and emergency applications.

Benefits

Diaphragm vacuum pump

Oil free suitable for dry running: no contamination of the environment

Easy maintenance

Hinged cover for direct access to the impeller. Link belt quick to replace on the field

Rapid “dry” priming

Up to a height of 7.5m

Pump

High efficiency: 68% - 77%



Semi-open impeller

Solids handling up to 40 mm- 76mm

Wear plates

Cast iron or stainless steel wear plate, that is easily replaceable.

High resistance

To abrasive liquids and turbid sandy waters

Mechanical shaft seal in oil bath

It allows the “dry running” operation of the pump