

PAC H High Head Pump Range

from 100mm (4 inch) to 225mm (10 inch)

Maximum head up to 408 l/s - Maximum flow up to 139m

PAC H High Head - 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 PAC H High Head 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 PAC H High Head 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

Suitable for dry running: no contamination of the environment

Pump

High efficiency: 62% - 69%

Rapid “dry” priming

Up to a height of 7.5m

High resistance

To abrasive liquids and turbid sandy waters

Easy maintenance

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

Mechanical shaft seal in oil bath

It allows the “dry running” operation of the pump



Semi-open impeller (PAC H43C)

Solids handling up to 20mm

Closed impeller

Solids handling up to 76mm

Wear plates

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