

DEWATERING SOLUTIONS

A guide to our centrifugal and piston pump range

Atlas Copco

Sustainable Productivity



Pump range



PAS

Centrifugal dry prime pumps

Models: 10 (inc. 3 high-flow models)

Configurations: up to 6

Max flow: 1130 m³/h

Max head: 58,5 m

Outlet size: 100-300 mm

Application and advantages

Great for construction, general dewatering, drainage and emergency applications. Due to its dry prime capabilities, this highly efficient pump can start pumping from the moment you turn the switch. Thanks to the semi-open impeller and hinge kit, the PAS range is also suitable for pumping liquids with solids in suspension.



VAR

Centrifugal wet prime pumps

Models: 11

Configurations: 6

Max flow: 1400 m³/h

Max head: 58 m

Outlet size: 40-300 mm

Great for construction, general dewatering, drainage and emergency applications. These self-priming centrifugal pumps are for applications where the main challenge is the difficulty to start the unit in tough conditions. Due to the immediate water fill-in mechanism, the unit is always ready to prime and start pumping. Even with suction heights of several meters the pump quickly evacuates the air from the suction pipe and starts to work. The semi-open impeller means the VAR range is also suitable for pumping liquids with solid in suspension.



WEL ECO

Centrifugal wet prime pumps

Models: 2

Configurations: 5 (no canopy version)

Max flow: 340 m³/h

Max head: 27,5 m

Outlet size: 100-150 mm

Great for wellpoint applications along with general dewatering and drainage. This automatic, rapid, self-priming pump is designed for wellpoint applications with a high flow rate. It also has an oil recovery system to avoid any chance of oil spillage.



WEL SPL

Centrifugal wet prime pumps with vacuum prime system

Models: 2

Configurations: 5 (no canopy version)

Max flow: 340 m³/h

Max head: 27,5 m

Outlet size: 100 or 150 mm

The WEL SPL range incorporates the same great features of the WEL ECO range. However, the vacuum pump makes it possible to handle considerable quantities of air efficiently. The vacuum system ensures continued dewatering and pump performance under "snore" conditions, especially in large wellpoint applications.



WEL PST

Piston positive displacement pump

Models: 1

Configurations: 2 (canopy or block)

Max flow: 100 m³/h

Max head: 20 m

Outlet size: 125 mm

Great for wellpoint applications where the volume and depth of the water is low. This highly efficient piston pump is specially designed to run dry without damaging the components. Low maintenance coupled with the energy saving benefits ensure that you realize real costs savings with this pump.



BEN

Centrifugal wet prime pumps

Models: 2

Configurations: 5 (no canopy version)

Max flow: 360 m³/h

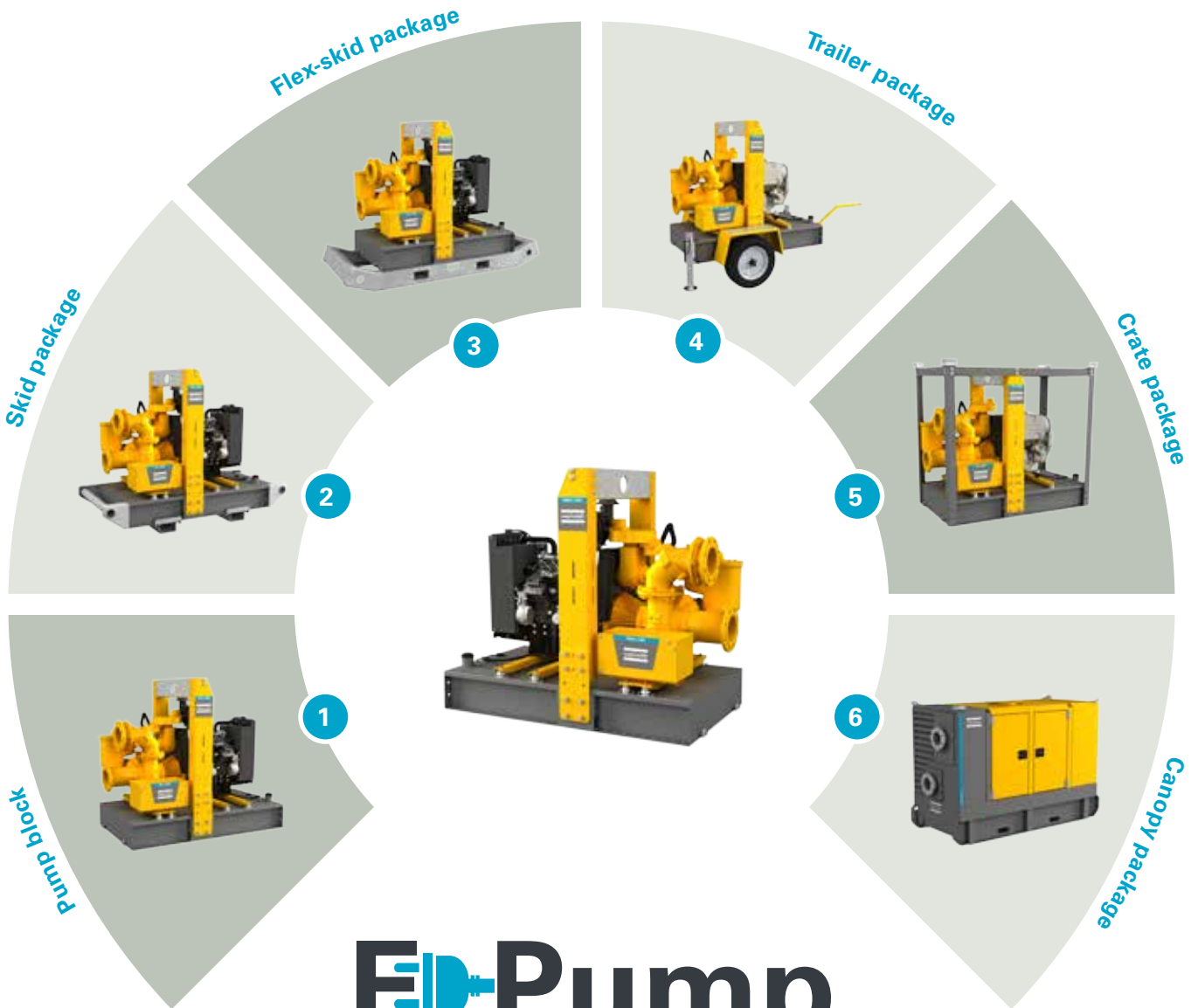
Max head: 27,5 m

Outlet size: 100 or 150 mm

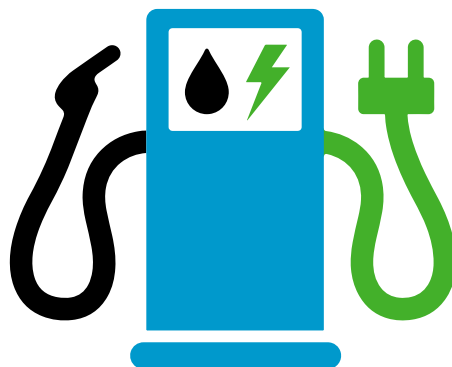
Great for pumping abrasive liquids and bentonite mud. This pump features a purposely designed 'hard' cast iron impeller and casing to make the unit highly resistant against abrasion and wear, even while working in the toughest conditions. The possibility to flush the mechanical seal guarantees start up, ensuring performance under pressure.

Configurations

Up to six configurations are possible per range. Please check data sheets for exact details.



E-Pump



Electric motor options available for most models. Further customization is also available, including different material options for the impeller, casing and wear plate.

Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO

- 1-5 m³/min
- 7-12 bar



VERSATILITY

- 5,5-22 m³/min
- 7-20 bar



PRODUCTIVITY PARTNER

- 19-116 m³/min
- 10-345 bar



Diesel and electric options available

GENERATORS

PORTABLE

- 1,6-13,9 kVA



MOBILE

- 9-1250* kVA



INDUSTRIAL

- 10-1250* kVA



*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE

- 275-16.500 l/min



CENTRIFUGAL

- 833-23.300 l/min



SMALL PORTABLE

- 210-2500 l/min



Diesel and electric options available

LIGHT TOWERS

LED



METAL HALIDE



ELECTRIC



Committed to sustainable productivity

Atlas Copco's Portable Energy division has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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