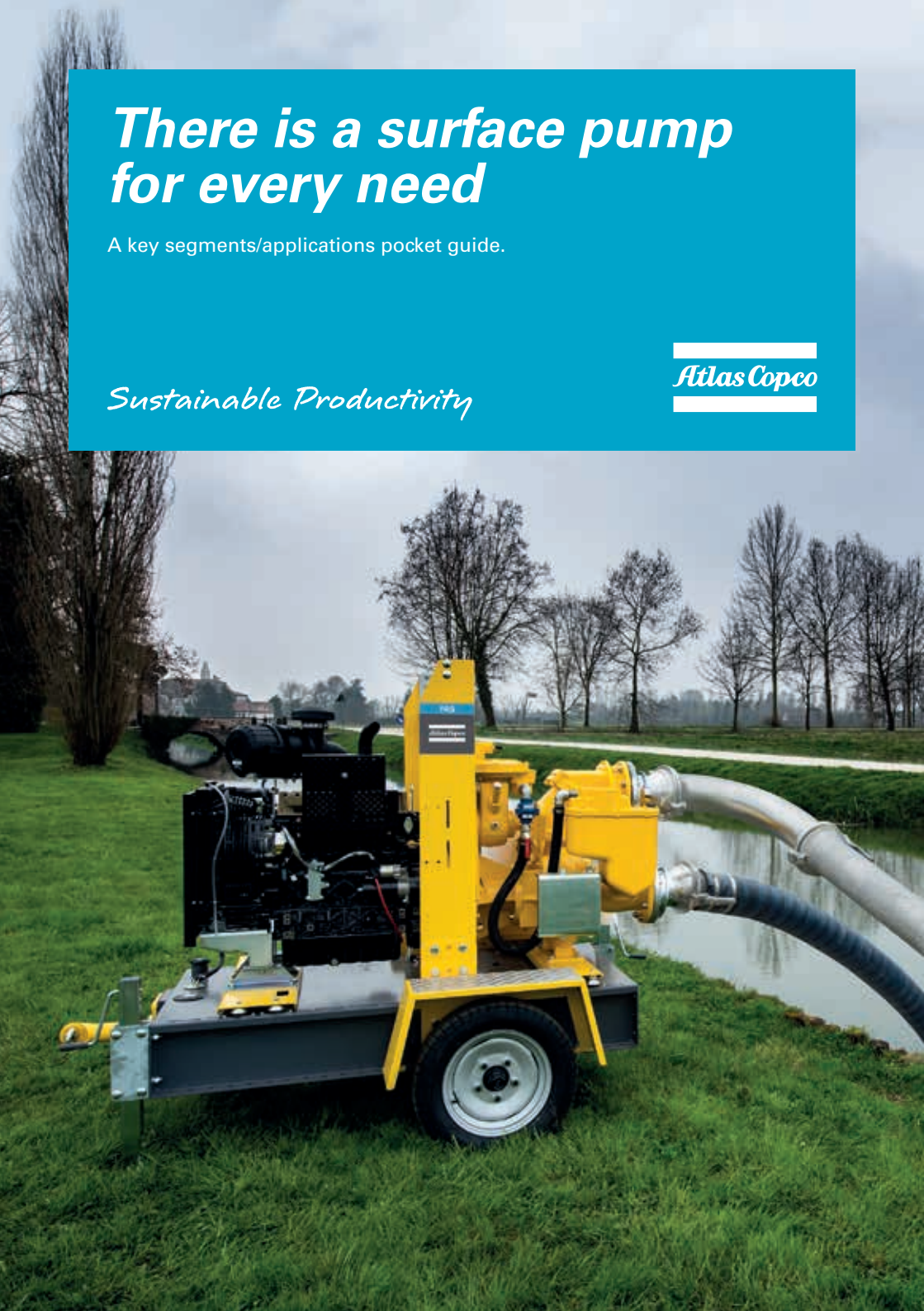
There is a surface pump for every need

A key segments/applications pocket guide.

Sustainable Productivity

Atlas Copco



Dry prime pumps

1. Dewatering

General dewatering applications where it is necessary to drain an area that is flooded with groundwater or rainwater with usual precence of solids in suspension (construction sites, quarries, industrial sites, etc.). Even in ardous duties and applications, the PAS range is the best choice.

CONSTRUCTION | UTILITY | RENTAL | EMERGENCY (FLOODS) | OIL AND GAS

2. Sewage bypass

Sewage bypass projects are mostly carried out in urban areas during maintenance works, as well as in case of sewage network emergency situations caused, for example, by floods or heavy rains. Our range suits perferctly this application in performance, robustness and serviceability are the best choice to pumping trash and sewage laden effluent.

UTILITY | RENTAL

3. Ballasting

Ballasting / de-ballasting is a process by which pumps take sea water in and out of the ballast water tanks during loading, off-loading, to ensure trim, stability and structural integrity of the vessel.

The performance and the quality of the pumps used are key to guarantee the success in sea water pumping operations.

TRANSPORT

PAS

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.

www.atlascopco.com/dewatering-pumps

Wet prime pumps

1. Groundlevel process before excavation for footings

EMERGENCY (FLOODS)

SMALL CONSTRUCTION

Frequently rainwater and groundwater are found at construction sites. This water must be pumping to keep safe working conditions.

VAR

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 and difficult accessible areas.

Due to the immediate water fill-in mechanism, the unit is always ready to prime and start pumping. An SPL version is also available.

Hinged doors access

Easy access to components. Simple cleaning mechanism. Designed for field based service.

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Wellpoint

1. Dewatering to build. Construction

CONSTRUCTION RENTAL

Wellpoint system of dewatering is regularly used when the groundwater level is close to the surface and the pump must handle a high percentage of air within the water that is drawn in from the ground material. It is the best choice for ground level reduction and it is used mostly before excavation for footings. Skyscrapers, underground, roadway... we are present everywhere.

2. Pipeline on shore

OIL AND GAS

Pipelines used to transport crude oil or natural gas must be dewatered to guarantee the quality of the hydrocarbons, prevent the formation of hydrates and protect the pipe from internal corrosion.

3. Polluted soil remediation

During the sanitation works, a number of previous operations are required, including pipeline dewatering and drying and removing the groundwater to assure the terrain.

RENTAL

UTILITY

4. Tunneling

Oftentimes, groundwater can become an issue for tunnelling and dewatering is needed to allow excavation. For this case, wellpoint system is the best choice to prevent consistent water leakage into the site. These pumps can control the groundwater level and handle both air and water.

CONSTRUCTION

RENTAL

WEL

Great range for wellpoint applications along with general dewatering and drainage. This automatic, rapid, self- priming pump is specifically designed for applications with a high flow rate.

www.atlascopco.com/dewatering-pumps

Our Pumps solutions

PAS
Centrifugal dry prime pumps

Models 8

Configurations 3
Canopy
Open frame skid
Open frame mobility

Flow 2160 m³/h

Head 71 m

VAR
Centrifugal wet prime pumps

Models 5

Configurations 2
Open frame skid
Open frame mobility

Flow 1400 m³/h

Head 40 m

WEL ECO
Centrifugal wet prime pumps

Models 2

Configurations 3
Canopy
Open frame skid
Open frame mobility

Flow 340 m³/h

Head 28 m

WEL PST
Piston positive displacement pump

Models 1

Configurations 2
Canopy
Open frame mobility

Flow 100 m³/h

Head 20 m

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