Surface pumps solutions

PAS range - US market
Surface dewatering pumps

The surface dewatering pumps range are designed and developed to offer high performance, reliability and ease of use across multiple industries for applications like construction and mine site dewatering, removing floodwater, and other municipal applications.

At Atlas Copco, we understand pumps, their application and most importantly, the people using them. We have a complete range of diesel and electric driven pumps, that offer durability and long life. Modular design offers flexibility in packaging and easy servicing of wear components means less down time and more pumping without stopping.

* Data may change depending on model.
There is a surface pump for any surface dewatering application

1. Oil & Gas
   Pipelines used to transport crude oil or natural gas must be dewatered to guarantee the quality of the hydrocarbons and prevent the formation of hydrates and protect pipes from internal corrosion.
   Ballasting process requires robust high performing pumps which, based on the needs, pumps sea water in and out of the shipyard tank during the loading and unloading of water vessels.
   Application
   • Ballasting
   • Pipeline hydrostatic test
   • Drilling
   • Pipeline flushing

2. Mining and Quarry
   For dewatering applications in the mines post dredging, our pumps offer effective and efficient solutions due to their solids handling capability.
   Application
   • Dewatering
   • Water relaunching
   • Washplants
   • Slit and Sludge removal

3. Municipalities
   Municipal public service applications can vary from sewage bypass to wastewater treatment plants to water reclamation centers. When wastewater is being treated, our pumps handle the fluids and solids without clogging or failing.
   Application
   • Sewage bypass
   • Dewatering
   • Emergency water treatment

4. Construction
   On Construction site during casting of foundation it becomes critical to avoid water infiltration. Our pumps have got you covered.
   Application
   • Site drainage
   • Jetting

5. Industry
   The effluent produced by different industries should be treated, relaunched or drained. With the availability of different materials for our wet ends, we offer a complete solution.
   Application
   • Effluent handling and transporting
   • Waste drainage and disposals
   • Temporary firefighting protection

6. Civil works
   Modern day civil engineering projects are fast paced. Be it construction of road, dams, bridges, airports or building, site dewatering and drainage, before and during construction work is very important.
   Application
   • Sump water removal
   • Dewatering

7. Floods controls
   Our pumps, due to their high performance and portability, are effective to provide quick solutions in case of flood emergency.
   Application
   • Emergency

8. Rental
   Rental application requires robust and long running products. Our start and forget control panels and more than 24 hours fuel autonomy make them ideal for such applications.
   Application
   • General construction
   • Flood controls
   • Industry
   • Mine and quarry dewatering

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PAS range

The PAS range of dry prime pumps are engineered to offer high performance in any conditions. Comprising of a air separator unit and a vacuum pump, it offers rapid automatic primming. Even with suction heights of several meters, the machine rapidly evacuates the air from the suction pipe and starts to pump.

Additionally, thanks to the semi-open impeller, the PAS range is also suitable for pumping liquids with solids in suspensions.

SOLIDS HANDLING CAPABILITY

- The whole range can handle high solids.

FLEETLINK TELEMATICS SOLUTION

- Monitor your machines conveniently wherever you are
- All vital machine parameters in real time on hand
- Access of application information such as float switch position or sensor values

FLEX-MOUNT SYSTEM

- Integrated vibration mounts eliminate unwanted vibration.
INTEGRATED CONTROL AND POWER CUBICLE

- Digital controller with standard warnings, shutdown, stop/start function, emergency stop and easy-to-access and read diagnostics. Configurable set point via transducer to control engine speeds.

SERVICEABILITY IN ANY CONDITIONS

- Patented Hinged door access guarantees easy clean-up with minimal downtime.
- All wear components are easily accessible with minimal downtime.
- Easy replacement of the wear components (Impeller and wear plates).
- Trimming plate to guarantee the hydraulic performance as an emergency reserve, before scheduled maintenance.

Key options
- Impeller CF3M
- Wear plate CF3M
- Stainless steel shaft
- Zinc anodized

Key features
- Hinge Kit
- Trimming plate*
- Diaphragm vacuum pump
- Dry running system
- PW 750 control panel

* Available options may change depending on model selected.
## PAS range

### Technical data

<table>
<thead>
<tr>
<th>Specifications</th>
<th>PAS 100 HF T4F KD</th>
<th>PAS 150 HF T4F KD</th>
<th>PAS 200 HF T4F PD</th>
<th>PAS 300 HF T4F KD</th>
<th>PAS 100 HFS T4F KD</th>
<th>PAS 150 HFS T4F KD</th>
<th>PAS 200 HFS T4F PD</th>
<th>PAS 300 HFS T4F KD</th>
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<tr>
<td>Max. head ft</td>
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<td>167</td>
<td>164</td>
<td>233</td>
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<td>167</td>
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<td>233</td>
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<td>Max. capacity Usgpm</td>
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<td>2250</td>
<td>3740</td>
<td>9510</td>
<td>1230</td>
<td>2250</td>
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<tr>
<td>Suction / discharge size inch</td>
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<td>ANSI 6”</td>
<td>ANSI 8”</td>
<td>ANSI 12”</td>
<td>ANSI 4”</td>
<td>ANSI 6”</td>
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<td>ANSI 12”</td>
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<td>Max. solids handling inch</td>
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<td>1600</td>
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<td>Weight and dimensions</td>
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<td>Height inch</td>
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<td>85</td>
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# Product portfolio

## GENERATORS

<table>
<thead>
<tr>
<th>PORTABLE</th>
<th>MOBILE</th>
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<tbody>
<tr>
<td>1,6–12 kVA</td>
<td>25-1,200* kVA</td>
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</tbody>
</table>

*Multiple configurations available to produce power for any size application

## DEWATERING PUMPS

<table>
<thead>
<tr>
<th>ELECTRIC SUBMERSIBLE</th>
<th>SURFACE PUMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 6,100 US gpm</td>
<td>up to 8,500 US gpm</td>
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Diesel and electric options available

## LIGHT TOWERS

<table>
<thead>
<tr>
<th>METAL HALIDE</th>
<th>DIESEL LED ELECTRIC LED</th>
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## AIR COMPRESSORS AND HANDHELD TOOLS

<table>
<thead>
<tr>
<th>AIR COMPRESSORS</th>
<th>HANDHELD TOOLS</th>
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</thead>
<tbody>
<tr>
<td>110-1,800 cfm</td>
<td>Pneumatic</td>
</tr>
<tr>
<td>58-508 psi</td>
<td>Hydraulic</td>
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<tr>
<td></td>
<td>Petrol engine driven</td>
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## ONLINE SOLUTIONS

<table>
<thead>
<tr>
<th>SHOP ONLINE PARTS ONLINE</th>
<th>POWER CONNECT</th>
<th>LIGHT THE POWER YOUR SIZING TOOL</th>
<th>FLEETLINK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Find and order the spare parts for power equipment. We handle your orders 24 hours a day.</td>
<td>Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine.</td>
<td>A useful calculator to help you choose the best solution for your power and light needs.</td>
<td>Intelligent telematics system that helps optimize fleet usage, reduce maintenance costs, ultimately saving time and cost.</td>
</tr>
</tbody>
</table>