

Atlas Copco



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.



 <p>UP TO 3.5 inch SOLIDS HANDLING</p>	 <p>MAX. HEAD UP TO 233 ft</p>	 <p>MAX. FLOW UP TO 9510 USgpm</p>	 <p>HINGE DOOR 03 min CLEAN-UP AND RESTART</p>
 <p>COMPACT SIZE with maximum flow</p>	 <p>ROAD TOWING CERTIFIED TRAILER</p>	 <p>SOUND PROOF ENCLOSURE</p>	 <p>CONNECTED FLEET LINK SECURED</p>

* 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 forgot 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

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 priming. 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.



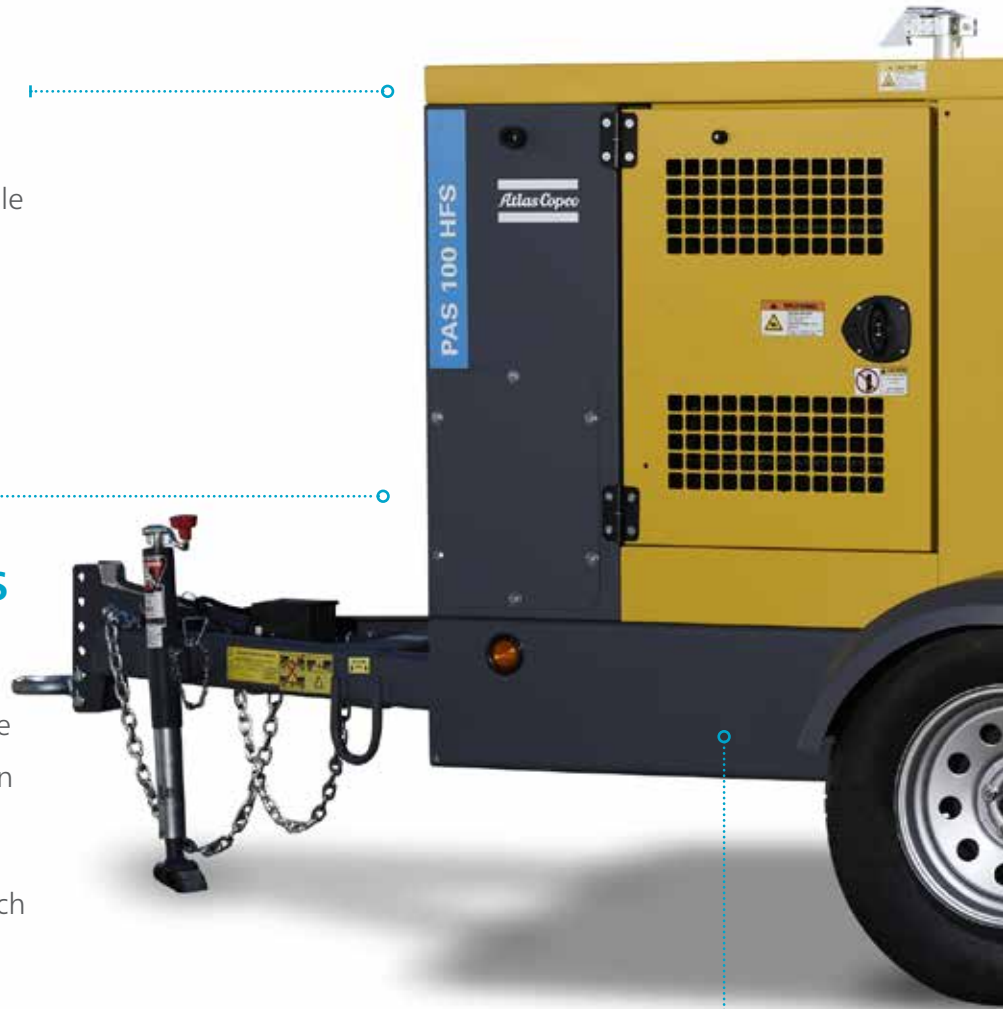
FLEETLINK TELEMATICS SOLUTION

- 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.

**EASY
MAINTENANCE**
**3 MIN
CLEAN-UP**



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

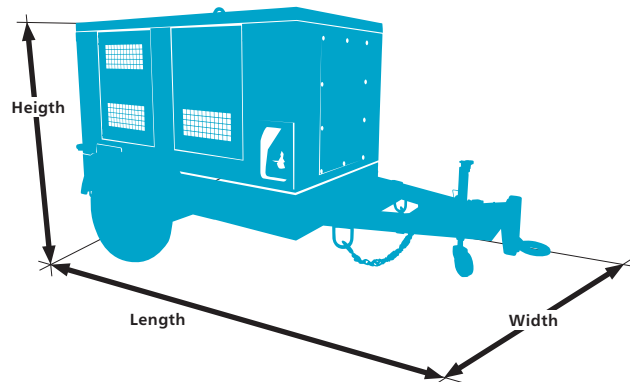
* Available options may change depending on model selected.

PAS range

Technical data

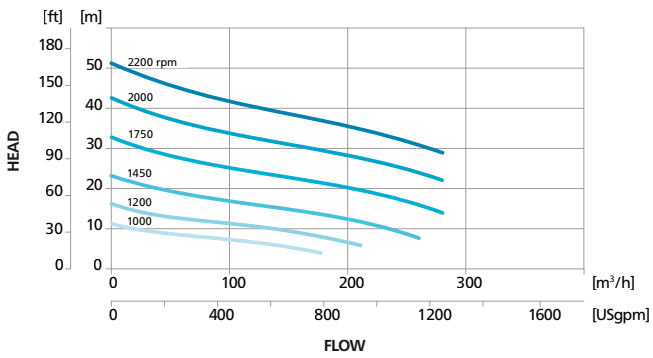


Specifications		PAS 100 HF T4F KD	PAS 150 HF T4F KD	PAS 200 HF T4F PD	PAS 300 HF T4F VD	PAS 100 HFS T4F KD	PAS 150 HFS T4F KD	PAS 200 HFS T4F PD	PAS 300 HFS T4F VD
Max. head	ft	164	167	164	233	164	167	164	233
Max. capacity	Usgpm	1230	2250	3740	9510	1230	2250	3740	9510
Suction / discharge size	inch	ANSI 4"	ANSI 6"	ANSI 8"	ANSI 12"	ANSI 4"	ANSI 6"	ANSI 8"	ANSI 12"
Max. solids handling	inch	3	3	3	3,5	3	3	3	3,5
Best efficiency point	%	70	70	75	72	70	70	75	72
Max. absorbed power	HP	39	68	105	262	39	68	105	262
Engine									
Emission compliance		EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final	EPA Tier 4 final
Max. engine power	HP	49	74	100	285	49	74	100	285
Max. operating speed	rpm	2200	2200	2200	1600	2200	2200	2200	1600
Min. fuel autonomy	hrs	17	17	18	9	17	17	18	9
Weight and dimensions									
Weight (dry)	lbs	3105	4085	5100	7720	3400	4600	5500	9480
Length	inch	138	150	157	128	138	150	157	154
Width	inch	70	76	76	76	70	76	76	79
Height	inch	68	72	77	85	68	72	77	87

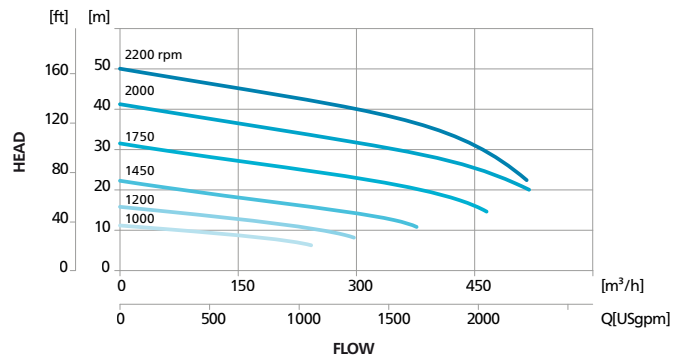


Performance curves

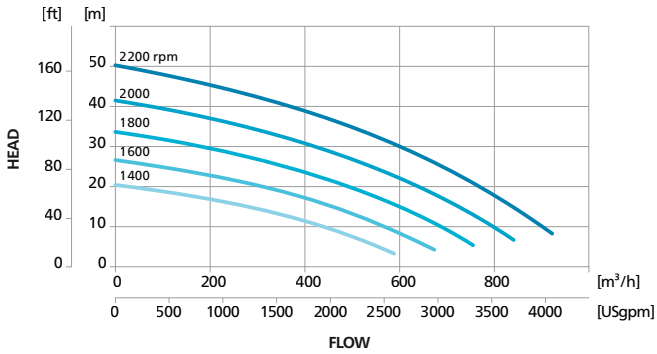
 **PAS 100 HF T4F KD**



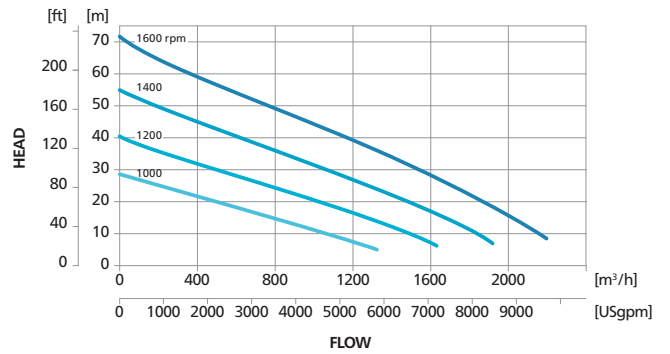
 **PAS 150 HF T4F KD**



 **PAS 200 HF T4F KD**



 **PAS 300 HF T4F VD**



Product portfolio

GENERATORS

PORTABLE
1,6–12 kVA



MOBILE
25–1,200* kVA



*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
up to 6,100 US gpm



SURFACE PUMPS
up to 8,500 US gpm



Diesel and electric options available

LIGHT TOWERS

METAL HALIDE



**DIESEL LED
ELECTRIC LED**



AIR COMPRESSORS AND HANDHELD TOOLS

AIR COMPRESSORS
110–1,800 cfm
58–508 psi



HANDHELD TOOLS
Pneumatic
Hydraulic
Petrol engine driven



ONLINE SOLUTIONS

SHOP ONLINE PARTS ONLINE

Find and order the spare parts for power equipment. We handle your orders 24 hours a day.



POWER CONNECT

Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine.



LIGHT THE POWER YOUR SIZING TOOL

A useful calculator to help you choose the best solution for your power and light needs



FLEETLINK

Intelligent telematics system that helps optimize fleet usage, reduce maintenance costs, ultimately saving time and cost.



Atlas Copco

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