

The Atlas Copco logo is displayed in white, italicized serif font within a blue rectangular box. The box has two horizontal white bars above and below the text.The text "Surface pumps solutions" is written in a large, white, sans-serif font. It is overlaid on a blue, semi-transparent geometric shape that also contains technical drawings of pump components.

PAS range

# 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.



UPTO **3 inch**  
SOLIDS  
HANDLING

MAX. HEAD  
UPTO  
**167 ft**

MAX.  
FLOW  
UP TO **3740** gpm

HINGE DOOR  
**03 min**  
CLEAN-UP  
AND RESTART

COMPACT  
**SIZE**  
with maximum flow

ROAD TOWING  
CERTIFIED TRAILER

SOUND  
PROOF  
ENCLOSURE

CONNECTED  
**FLEET LINK**  
SECURED

\* 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.



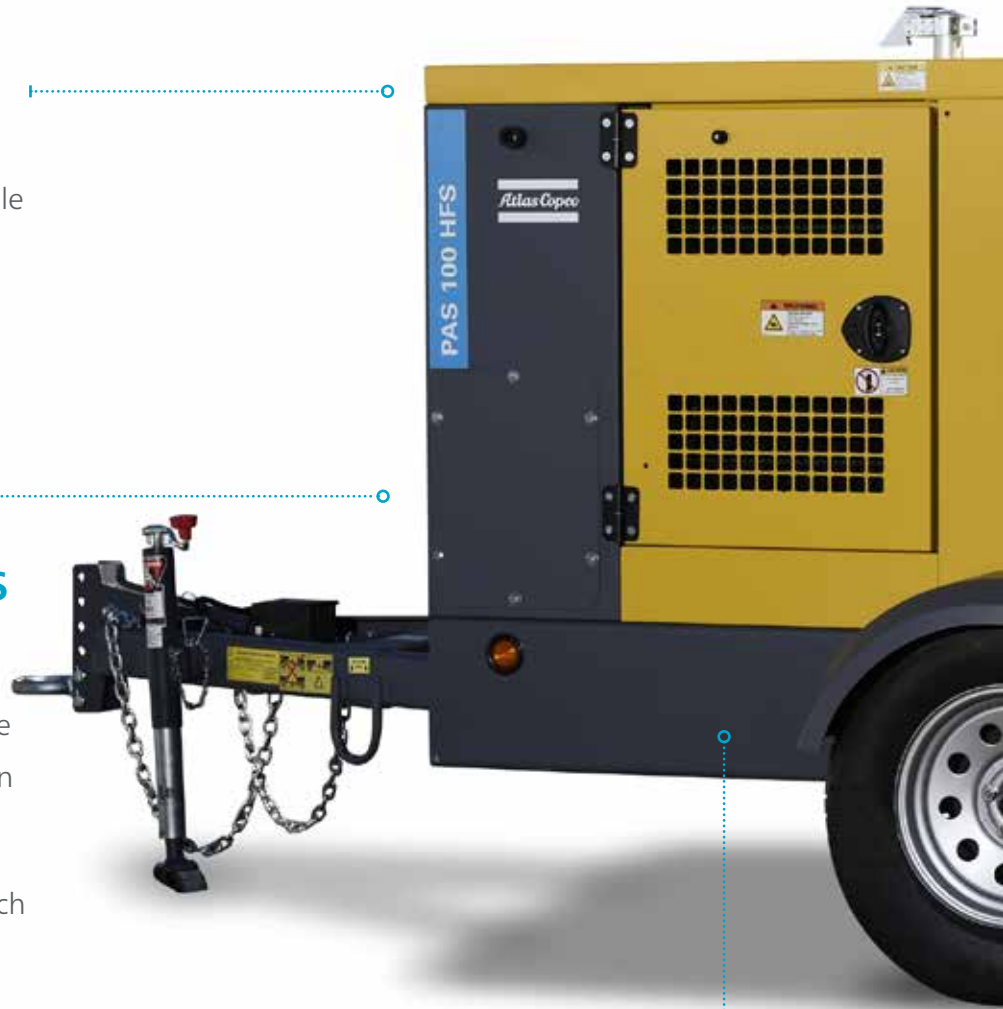
## FLEETLINK TELEMATICS SOLUTION

- 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

- Skid
- Solar charger
- Floats and Transducer
- Fire extinguisher

## Key features

- Swing door pumps access
- Up to 3" solids handling
- Auto-Start PW 750 controller
- PE (Polyethylene) fuel tank
- Diaphragm vacuum pump

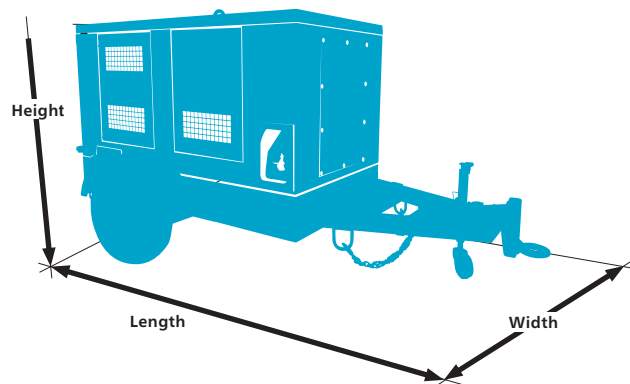
\* Available options may change depending on model selected.

# PAS range

## Technical data

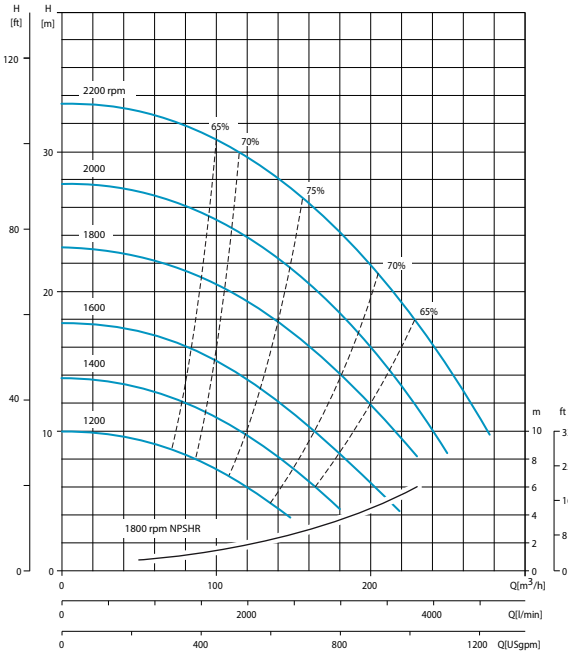


Specifications		PAS 100 HF T4F YD	PAS 100 HF T4F KD	PAS 150 HF T4F KD	PAS 200 HF T4F PD	PAS 100 HFS T4F KD	PAS 150 HFS T4F KD	PAS 200 HFS T4F PD
Max. head	ft	110	164	167	164	164	167	164
Max. capacity	Usgpm	1230	1230	2250	3740	1230	2250	3740
Suction / discharge size	inch	ANSI 4"	ANSI 4"	ANSI 6"	ANSI 8"	ANSI 4"	ANSI 6"	ANSI 8"
Max. solids handling	inch	1.8	3	3	3	3	3	3
Best efficiency point	%	75	70	70	75	70	70	75
Max. absorbed power	HP	24	39	68	105	39	68	105
<b>Engine</b>								
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
Max. engine power	HP	25	49	74	100	49	74	100
Max. operating speed	rpm	2200	2200	2200	2200	2200	2200	2200
Min. fuel autonomy	hrs	54	17	17	18	17	17	18
<b>Weight and dimensions</b>								
Weight (dry / wet)	lbs	2250/2800	2735/2990	3640/4160	4370/5040	3145/3400	4080/4600	4750/5420
Length	inch	131	138	150	157	138	150	157
Width	inch	69	70	76	76	70	76	76
Height	inch	84	68	72	77	68	72	77

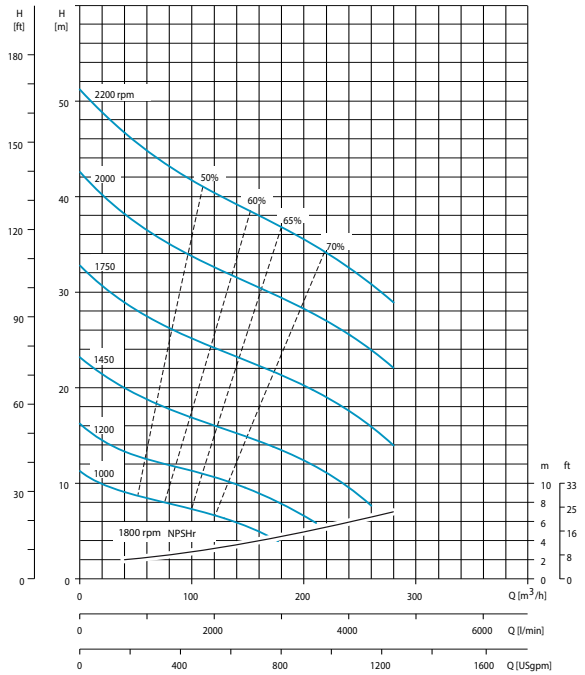


# Performance curves

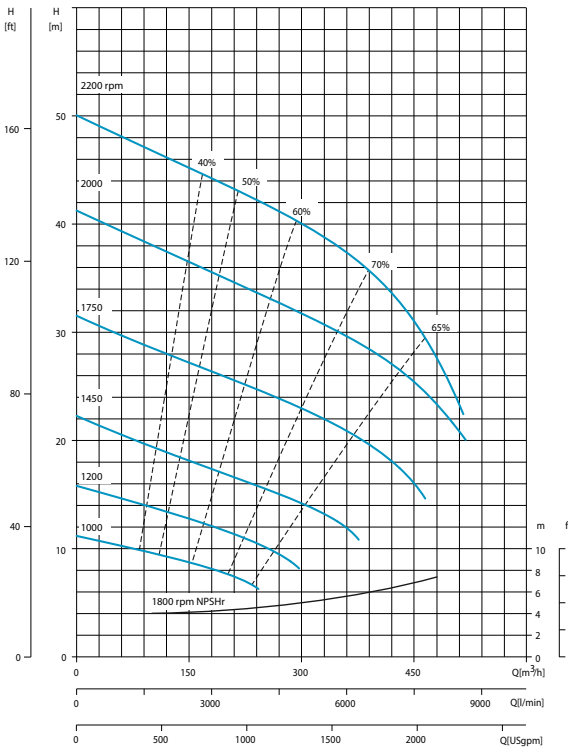
 **PAS 100 HF T4F YD**



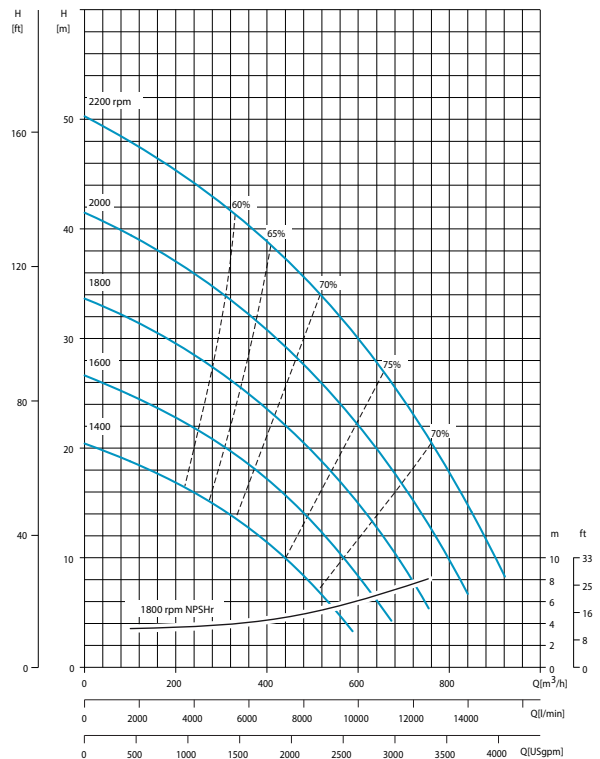
 **PAS 100 HF T4F KD**



 **PAS 150 HF T4F KD**



 **PAS 200 HF T4F PD**



# Product portfolio

## GENERATORS

**PORTABLE**  
1,6–12 kVA



**MOBILE**  
25-1,200\* kVA



\*Multiple configurations available to produce power for any size application

## 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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