



Atlas Copco



PAC Flow series

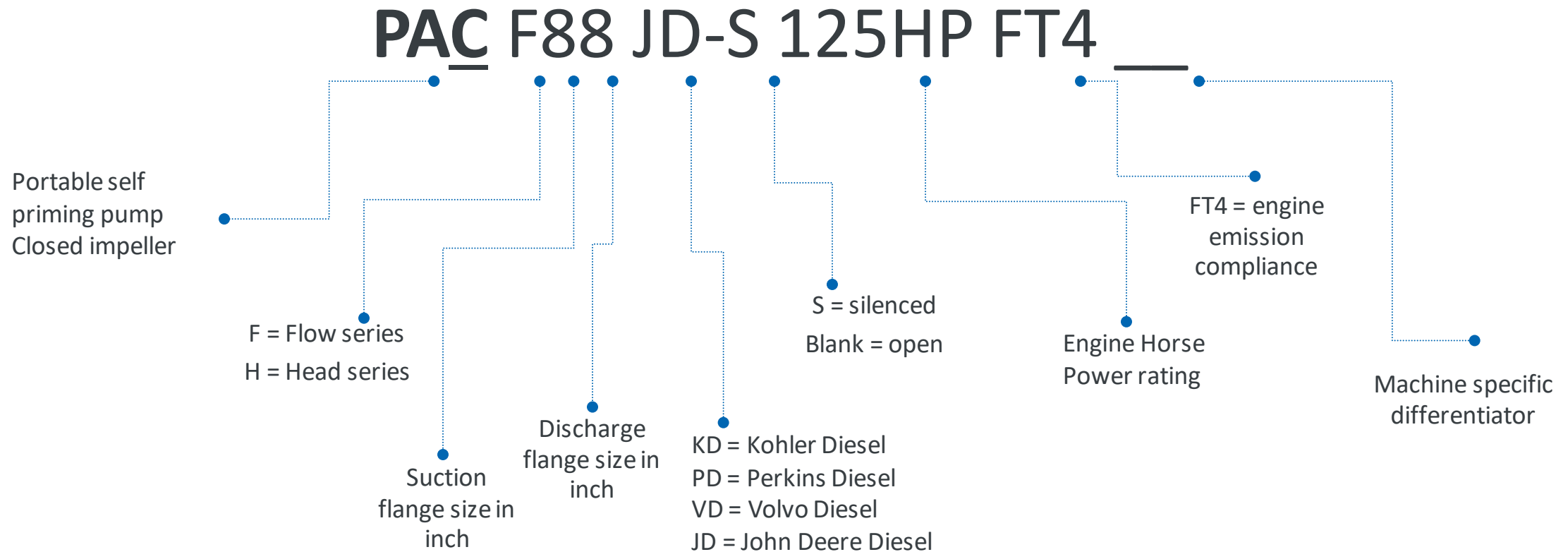
Power and Flow division

1. Naming PAC
2. Markets we serve
3. Features and Benefits
4. Technical Data
5. Tools and Communication



Power and Flow division

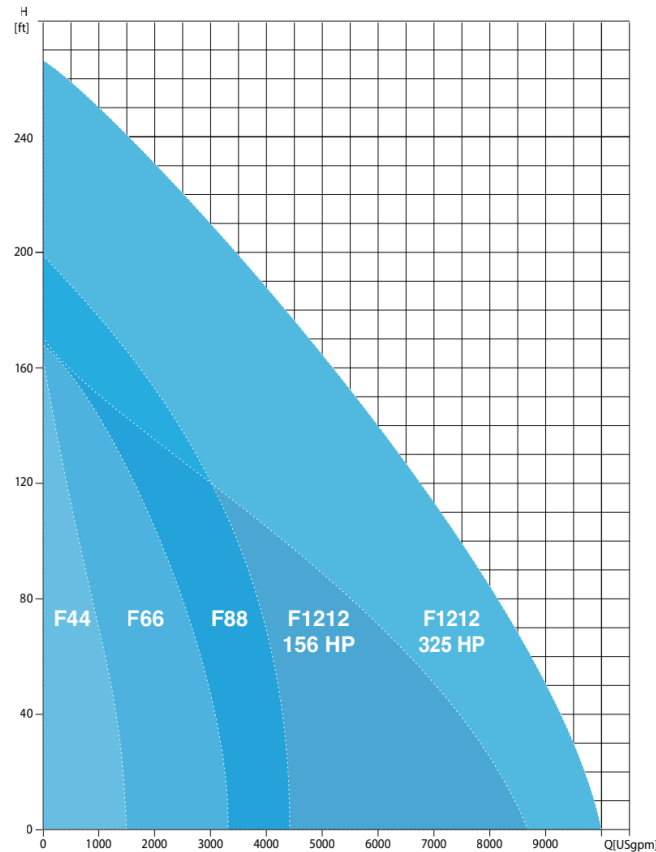
PAC naming





Power and Flow division

PAC Flow series



PAC F44 KD



PAC F66 KD



PAC F88 JD



PAC F1212 JD-S (156 HP)



PAC F1212 JD (325 HP)

Available in Open set and Silenced Variants

***excluding PAC F1212 JD-S 156HP*



Power and Flow division

One Pump – Many Applications!



Mine dewatering and water transfer
in quarry and mines



Sewer Bypass
in Municipal applications



Diesel Backup System
in sewer pump lift stations



Power and Flow division

One Pump – Many Applications!



For **Liquid process**
in Oil and Gas applications



For **Industrial Application**
Process water supply or fire
fighting backup systems



For **Site Dewatering and**
similar applications



Power and Flow division

We are driven by innovation

1

Best in class performance

- Up to 82% pump efficiency at B.E.P. for more pumping with same required energy
- Reduced pump shaft speed for improved NPSHR and reduced wear of pump parts
- Up to 50cfm vacuum pump capacity to prime faster and get the job done quicker
- Unique enclosed impeller design with deflector vanes keeps Seal always clean and reduces wear for long lasting performance
- High fuel efficiency (FT4)

Priming
nearly twice
as quick as
PAS



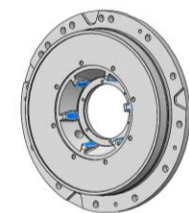
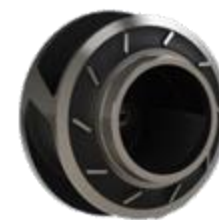
UNIQUE
DEFLECTOR
VANES



3 TIMES
LONGER
SEAL LIFE



UP TO 82%
EFFICIENCY
AT B.E.P.





Power and Flow division

We focus on creating partnerships

2

A new level of Serviceability

- Service time reduction with the Atlas Copco SAIL Solution the revolutionary cartridge seal
- Bolted wear ring for fast replacement and no special tool requirement
- Patented swing door (except F1212) to access the pump within minutes
- Large doors to access all service points
- Fluid drain points for save and trouble free service



HINGE DOOR
3 MIN
CLEAN-UP
AND RESTART

UNDER 60
MINUTES
SERVICE TIME

UP TO
30%
REDUCED
M.T.T.R.



Power and Flow division

We focus on creating partnerships

2

A new level of Serviceability

Mechanical Seal

Products – PAC F and PAC H.





Power and Flow division

We deliver sustainable value

3

Technology that creates a difference

- Two new pump controller solutions for efficient pumping and solving wide range of applications
- All Info a QR Code Scan Away! – Power Connect!
- Digitally connected - Fleetlink
- Cross-linked PE fuel cell – No oxidation inside the tank and safe for life

Next
generation
pump
controller



Power
connect a
scan away





Power and Flow division

PAC Flow series

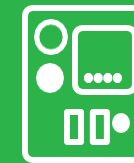


UP TO
30%
REDUCED
M.T.T.R.



SAIL Solution

Next
generation
pump
controller



**MAX
FLOW** ⇒  ⇒
UP TO **8,600** USgpm

**3 TIMES
LONGER** 
SEAL LIFE

**MAX
HEAD UP
TO 225 FT** 



Power and Flow division

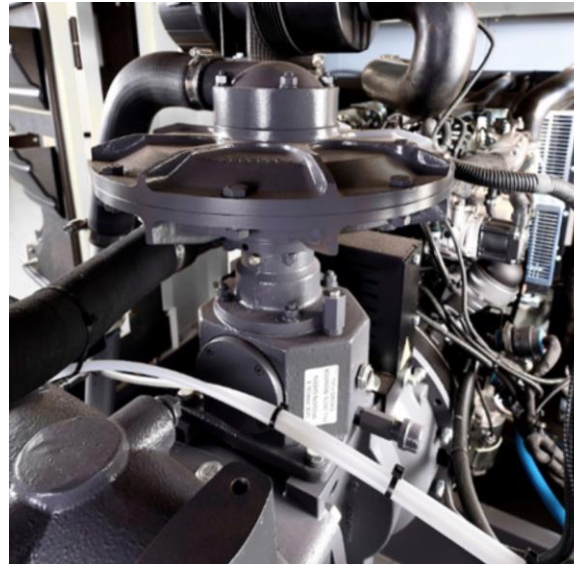
PAC Flow Series Benefits

Superior serviceability



Reduce M.T.T.R

Heavy duty vacuum pump



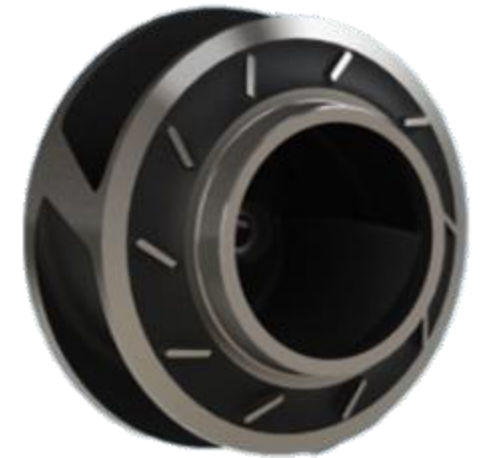
Provides high performance
priming result with all media

Mechanical Seal Oil Bath



Extended dry running capability

Unique Impeller Deflector Vanes



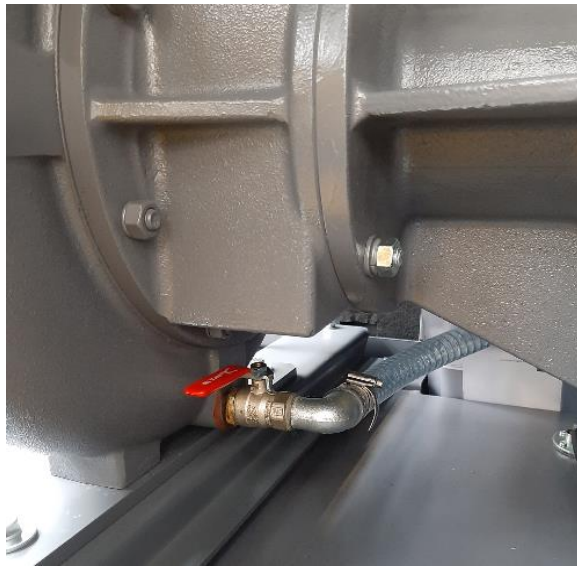
Innovative design to extend Seal
life and reduce wear



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PAC Flow Series Benefits

Easy drain access for pump



Easy access and maintenance

PW controller Series



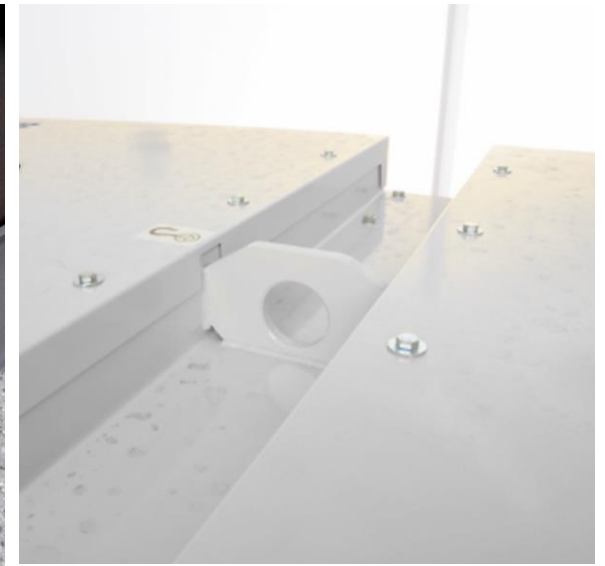
Efficient pumping in
every application

Cross-linked PE fuel cell



No tank oxidation and safe

Integrated Lifting Hook / Lug



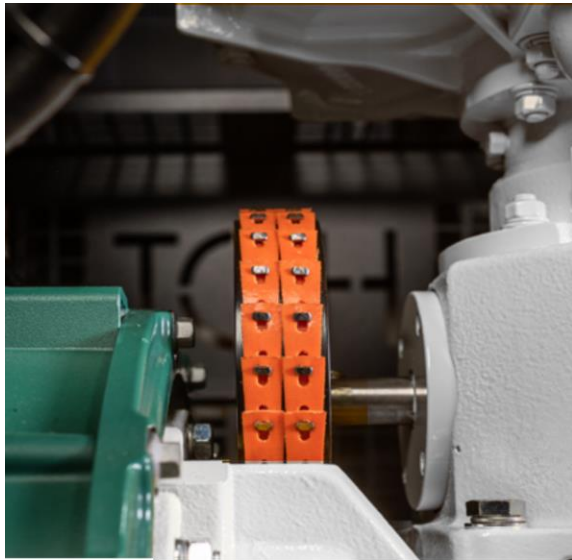
Simple access and safe lifting



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PAC Flow Series Benefits

Link belt design



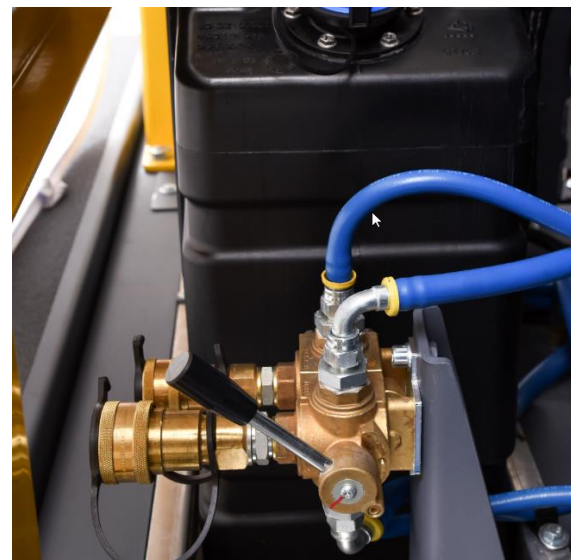
Quick maintenance

Battery disconnect



Provides total protection

External fuel tank connections



High fuel autonomy

External E-Stop and pressure gauges



Protected and always in control



Power and Flow division

PAC Flow Series Benefits

Features	PAC F44	PAC F66	PAC F88	PAC F1212 JD-S (156 HP)	PAC F1212 JD (325 HP)
SAIL - Cartridge seal design	*	*	*	*	*
Unique deflector vanes	*	*	*	*	*
Link belts	*	*	*	*	*
Atlas Copco swing door	*	*	*	*	*
Battery disconnect switch	*	*	*	*	*
Standard controller	PW1000	PW1000	PW1000	PW1000	PW1000
PE Fuel cell	*	*	*	*	*



Power and Flow division

PW 1000 Controller





Power and Flow division

PAC Flow series data

Specifications		PAC F44 KD(-S) 50HP	PAC F66 KD(-S) 74HP	PAC F88 JD(-S) 125HP	PAC F1212 JD-S 156HP	PAC F1212 JD(-S) 325HP
Max. head	ft	152	166	200	153	269
Max. capacity	Usgpm	1320	2,640	3,950	7,210	9,100
Suction flange size	inch	4	6	8	12	12
Discharge flange size	inch	4	6	8	12	12
Max. solids handling	inch	3	3	3	3.5	3.5
Best efficiency point	%	72	79	82	74	74
Engine Make		KDI 1903TCR	Kohler KDI 2504 TCR	John Deere 4045HI550	John Deere 4045HFC06	John Deere 6090HFC09
Emission compliance		FT4	FT4	FT4	FT4	FT4
Max. engine power	HP	49	74	125	156	325
Max. operating speed	rpm	2100	1800	2000	1900**	1750
Max. fuel autonomy	h	45	25.7	14	25.6	12
Weight and dimensions						
Weight (dry)	lbs	3152 (3730)	3,740 (4,020*)	4,788 (5,283*)	8,460*	9,920 (9,480*)
Weight (wet)	lbs	3782 (4360)	4,100 (4,650*)	5,388 (5,980*)	9,975*	11,650 (10,580*)
Length	inch	157	157	165	149	128 (158*)
Width	inch	78	78	76	82	81 (94*)
Height	inch	74	74	80	89	86 (79*)



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Available options

Controller option



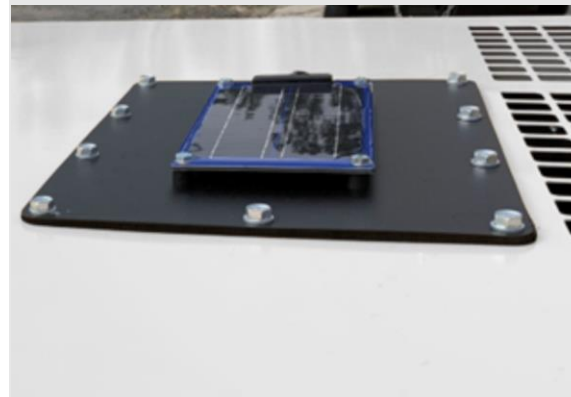
Always in control

Skid



Tailored solutions

Solar charger



Autonomous machine operation

Transducer and floats



Optimized pumping



Power and Flow division

Available options

Fire extinguisher



Safety first

Hoses and connectors



Complete solution provider

Engine Block heater



Master the challenges

Battery trickle charger



Always ready to start



Power and Flow division

Product Information & Tools

With a customers- and digital-first approach

Videos / YouTube

- Tutorials
- Commercial
- Teasers
- Service Videos

Product pages

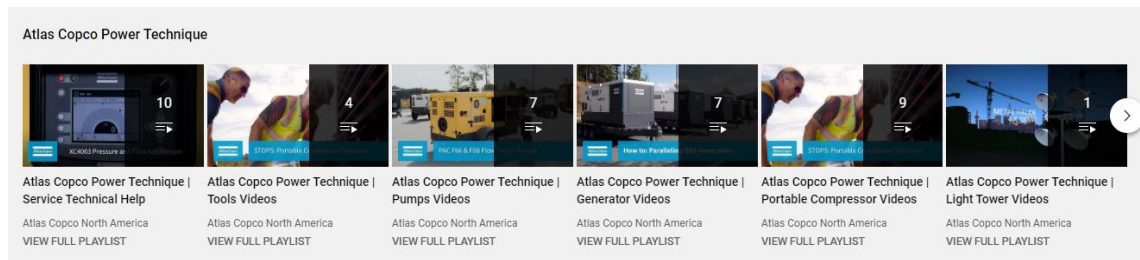
- Brochures
- Spec Sheets
- Applications

Content Hub

- Blogs
- Webinars
- Tips & Tricks
- Product Guides

Showpad

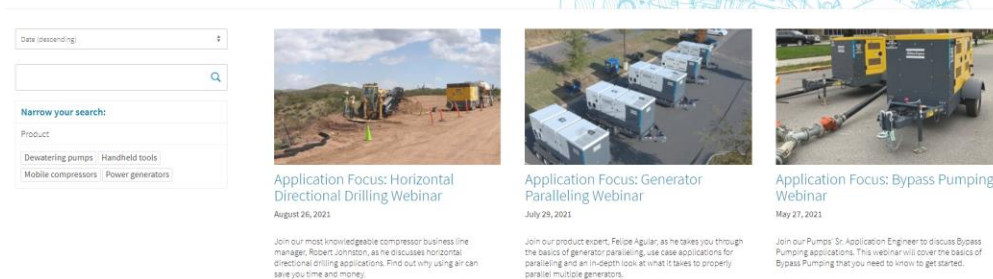
Power Technique NA YouTube



Content Hub

Online events and webinars

Gain valuable insights and in-depth industry knowledge with master classes from our air, power and flow experts. Stay tuned with the latest product launches.



Product Pages

PAC High Flow Pumps

- PAC F44 KD(-S)
- PAC F66 KD(-S)
- PAC F88 JD(-S)
- PAC F1212 JD-S (156 HP)
- PAC F1212 JD(-S) (325 HP)



The Atlas Copco logo, featuring the company name in a white, italicized serif font on a blue background.