

XAVS400 Pd *XAVS800 Cud*

PORTABLE ENERGY

Introduction

Product

Market

Reasons to choose

Key Benefits

Main data

Options

Tools & communications

Atlas Copco



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Why did we launch this product and what is our key message?



In line with our Forward Thinking Philosophy, we are completely focused on providing products that meet and exceed the needs of our customers.

Sao Paulo PC developed the XAVS400 Pd and XAVS800 Cud with PACE system, which today can claim to have the best versatility to serve South America market.

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Portable Energy solutions portfolio

XAVS400



9,7...11 m³min
7...14 bar

Perkins 1104D
Tier3

XAVS800

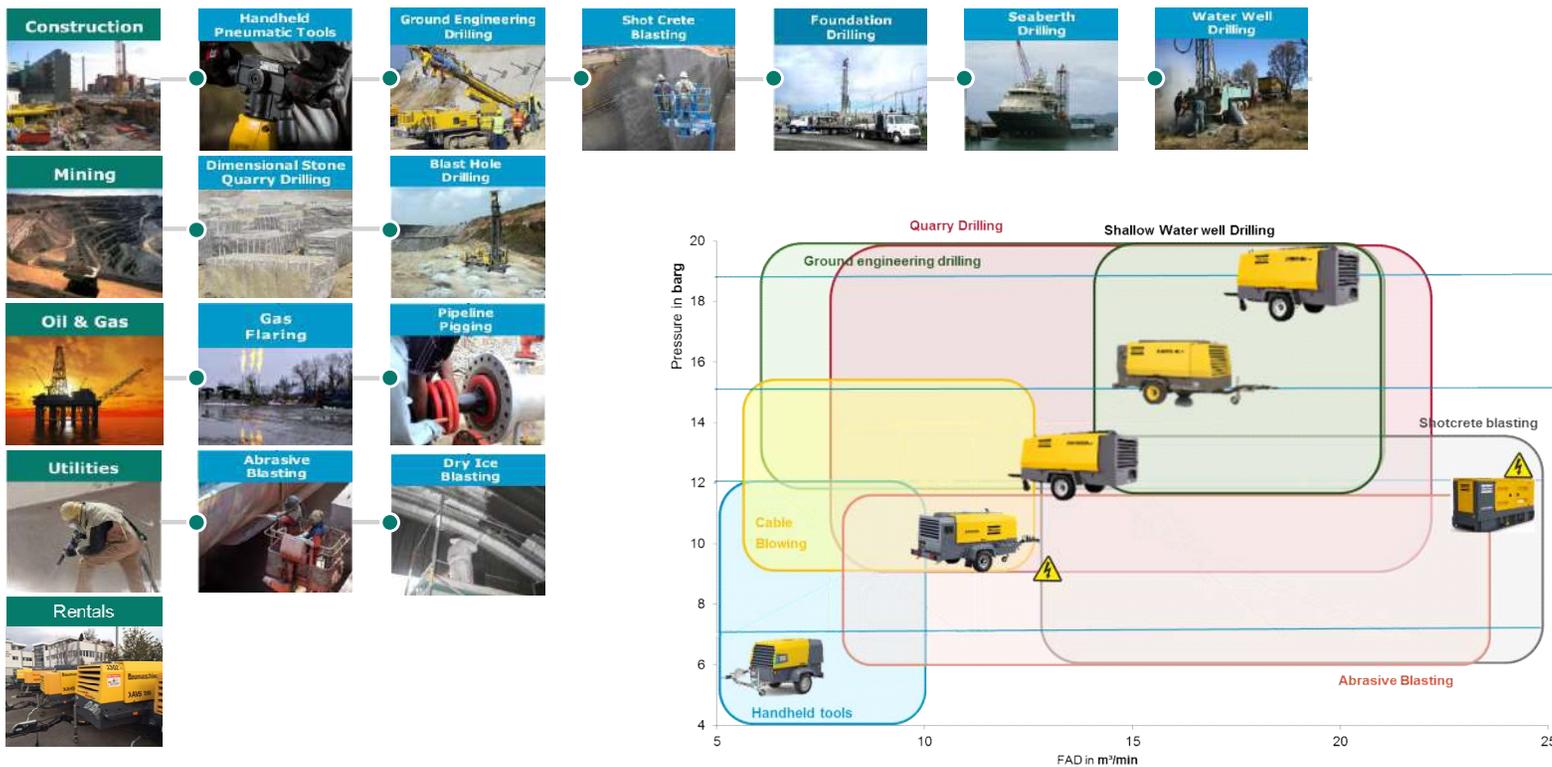


20,4...24,6 m³min
7...14 bar

Cummins QSB6,7
Tier3

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Global Application & Product Matrix



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Our customers / main segments

Utilities



Mining



Construction



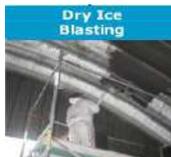
Rental



Abrasive Blasting



Dry Ice Blasting



Dimensional Stone Quarry Drilling



Blast Hole Drilling



Handheld Pneumatic Tools



Ground Engineering Drilling



Shot Crete Blasting



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You. Not us

1

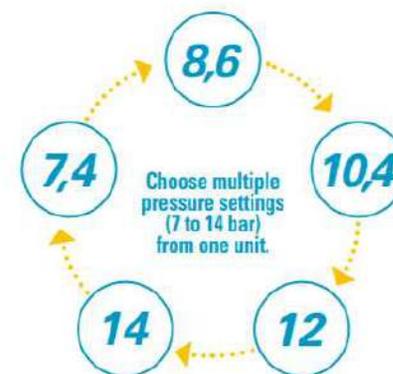
- We introduced the *PACE* functionality to offer you Increased Versatility
- You can now use the same compressor with different flow and pressure combinations to
 - Meet various application needs
 - Increased productivity
 - Higher Productivity - Higher ROI

PACE™

Pressure Adjusted thru Cognitive Electronics



- Pressure can be set with the XC2003 controller in 3 simple steps.
- Pressure can be adjusted within increments of 0.1 bar.
- Toggle between the pressure presets in a single click.



PACE™
technology



Versatile



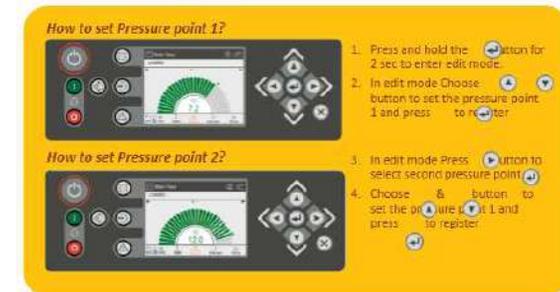
**Higher
Productivity**

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Engineered. Not assembled

2

- XC2003 controller
 - Intuitive XC2003 controller to realize PACE function
 - LCD color screen and IP65 for tough working condition
 - Fully integrated ECU makes easy diagnostics
 - All performance parameters on single screen
- Gull-wing doors for easy access and serviceability
- Lifting point positioned in center of gravity and withstand 4 times of the maximum weight without breaking.



You can toggle between 2 already set pressure points by simply clicking and the edit mode.



PACE™
technology



Easy to
Use

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Solutions. Not compromise

3

- Two layer corrosion protection system consist of Primer and top layer powder coating, offers corrosion free operation for years to come;
- Plastic fuel tank on XAVS400 to be corrosion free.
- Proved high altitude performance for South America
- 0°C to 47°C ambient for high ambient
- 100% tested at full load in production



>10 YEARS
Corrosion free



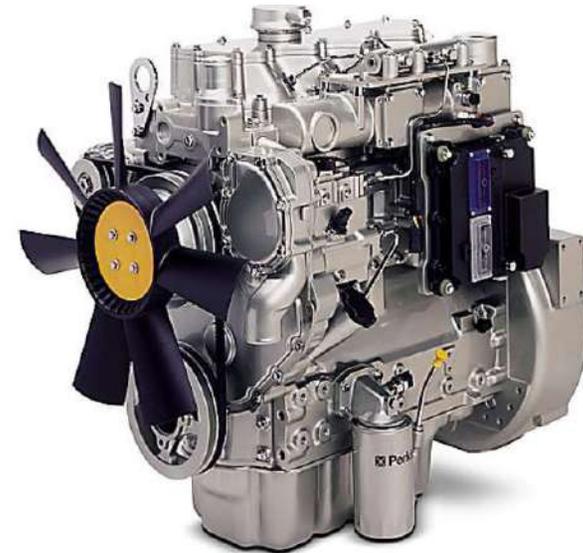
**Proven
Reliability**

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Efficient. Not wasteful

4

- **xx** fuel saving @ normal load (75% load) from the combination of Atlas Copco C111/C146 element and Tier 3 Perkins/Cummins engine.
- The small footprint makes on-site movement and transportability more easy than ever.
- Low service cost
 - 1000 hrs or 1 year for the compressor
 - 500 hrs or 1 year for the engine



Transport
Efficiency



xx% Fuel
Saving

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Uptime. Not downtime

5

- Long service intervals with 1000 hrs or 1 yrs on the compressor and 500 hrs or 1 yr on the engine allows for lower maintenance cost
- Heavy duty air filters with safety cartridge as standard.
- Two stage fuel filters to protect the engine better.
- Easy Diagnostics on XC2003 controller
- Predictive maintenance plans and prompts to reduce downtime and improve product availability



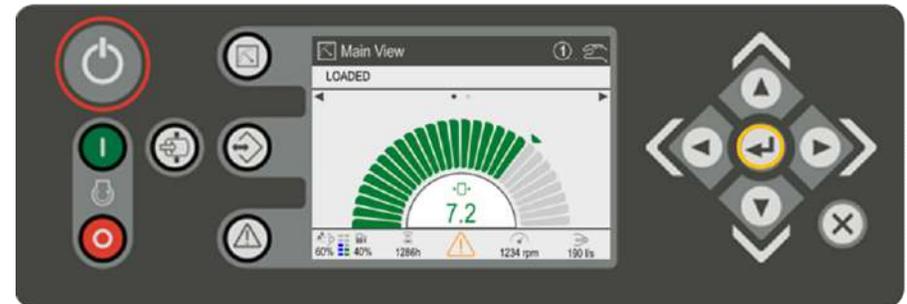
Service
Efficiency

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Leader. Not follower

6

- PACE with the XC2003 controller
 - Increased versatility
- Higher flow and Pressure
 - Higher productivity
- Ease of use, user friendly interface
- High Residual Value
 - C3M compliant canopy
 - Corrosion free plastic fuel tank on XAVS400



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Key benefits

 7 to 14 Pace	 High Altitude Options	100% Utilization
 Up to XX% Fuel Saving	 Full Shift Autonomy	 Service Efficiency
 Compact & Light	 >10 YEARS Corrosion free	 Transport Efficiency
 Tier 3 engine emission	 Proven Reliability	 0 to 47 Deg C

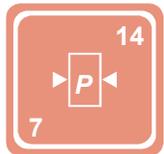



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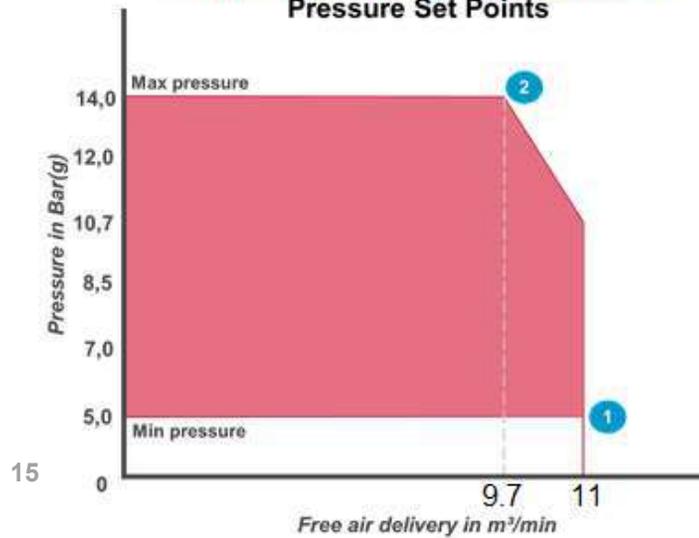
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Pace™ Technology



Multiple combinations
in Dual Pressure Set Points

XAVS400 – PACE™ Technology Pressure Set Points



PACE™ Technology



- Electronically controlled Pressure Regulating Valve
- Pressure set via intuitive XC2003 controller
- Any 2 setpoints between min and max operating pressure
- Power margin is safeguarded by matching engine speed with working pressure and flow



XC2003 Controller



- Easy to set up 2 set points
- Easy to switch between 2 preset pressure points
- Real time operating parameter display on main screen

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Steps for Pressure Setting



1

Press and hold
the  button for 2 sec to
enter edit mode

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Steps for Pressure Setting



1

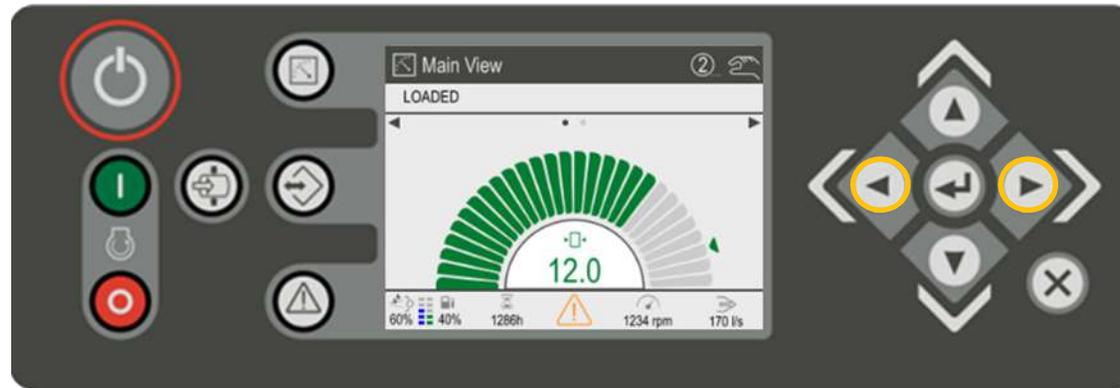
Press and hold
the  button for 2 sec to
enter edit mode

2

In edit mode Choose
 &  button to set the
pressure point 1 and press 
to register

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Steps for Pressure Setting



1

Press and hold
the  button for 2 sec to
enter edit mode

2

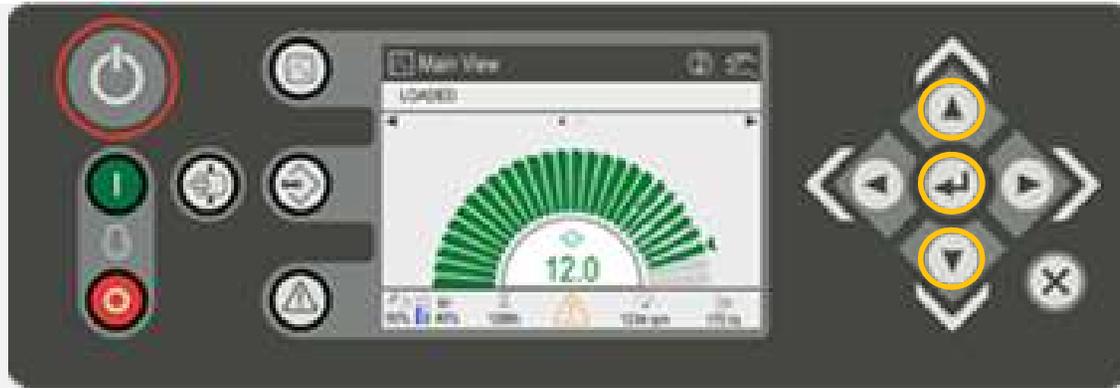
In edit mode Choose
 &  button to set the
pressure point 1 and press 
to register

3

In edit mode Press
 or  button to select
second pressure point

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Steps for Pressure Setting



1

Press and hold
the  button for 2 sec to
enter edit mode

2

In edit mode Choose
 &  button to set the
pressure point 1 and press 
to register

3

In edit mode Press
 or  button to select
second pressure point

4

Choose
 &  button to set the
pressure point 1 and press 
to register

Toggle between 2 already set pressure points by simply clicking  and 

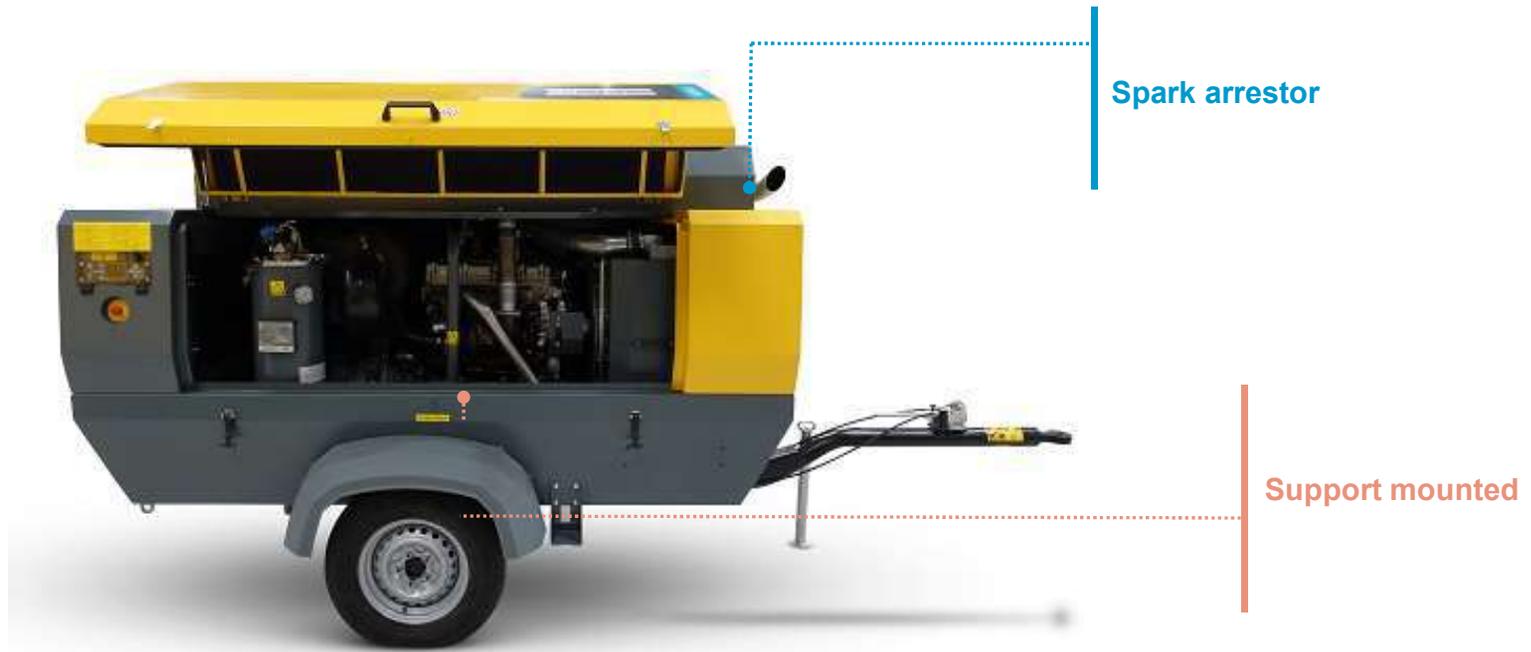

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		XAVS400 Pd	XAVS800 Cud
Pressure	bar	7-14	7 - 14
Flow	m3/min	11 -9,7	24,6 - 20,4
Fuel consumption at 100% load @ 7bar	kg/h	18,4	45,9
Fuel consumption at 100% load @ 14bar	kg/h	20,8	41,5
Dimensions fixed towbar (LxWxH)	mm	4074x1788x1818	4878x2070x2123
Dimensions Box (LxWxH)	mm	2658x1524x1370	3350x1681x1500
Dry weight with undercarriage	kg	1616	2571
Wet weight with undercarriage	kg	1817	2976
Dry weight box	kg	1409	2772
Wet weight box	kg	1610	2367

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Options



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Tools and Communication

Portable energy community site

Communication Pack	Name	Modified by	Description
186	QAS Generators Presentation_1216	Sarah Geerts	
186	XATS-XAVS-186 Product PPT Master	Paul Humphreys	
8 Series	8 Series Master	Sarah Geerts	
Drillair	DrillAirxpert functionality 8	Sarah Geerts	
Drillair	DrillAir Stage IV product presentation 2017	Sarah Geerts	
Drillair	DrillAir Stage II product presentation 2017	Sarah Geerts	
Highlight	Highlight product range_0217	Sarah Geerts	
Portable generators	1805_Portable range PRESENTATION	Rosa Mauff	
QES range extension	QES Range extension Pre launch 240x16 V1	Sarah Geerts	
QES range extension	QES Generators Presentation_1116	Rosa Mauff	
XATS 900E	XATS900E Sales Presentation	Paul Humphreys	

<https://thehub.group.atlascopco.com/cr/ape/Master%20Presentation/Forms/AllItems.aspx#>



<https://www.youtube.com/watch?v=CeCqaP8fV8M>

Atlas Copco print shop



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*To win the race,
You need **PACE**TM
Pressure Adjusted by Cognitive Electronics
Let the **RACE** begin..*




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