



Atlas Copco

Boost utilization with the versatility range

XAVS 378 - XAHS 408 (19-24 m³/min)

Standard features

Boosting your performance and lower your cost of ownership

The XAHS 408 and XAVS 378 will boost your productivity in applications like marble quarry drilling, sandblasting, blast hole drilling, ground engineering drilling and many more. With up to 24 m³/min free air delivery at 8.6 bar, this compact compressor (full option still under 3500 kg) is your perfect partner.

Performance boost

By combining the Atlas Copco screw element with a Stage V compliant engine, free air delivery increases. As a result, these compressors are up to 6% more efficient with regards to comparable models.

Easy to service

From changing the oil separator element in under an hour (thanks to our vessel design) to exchanging the click-fit oil filter with your bare hands, downtime is minimized. In addition, the large gull-wing door

design provide easy access to all service points.

Protecting your investment

The XC2003 controller and PACE technology allows to set the pressure with increments of 0.1 bar between 5 and 14 bar. This means your compressor can handle a variety of applications, increasing the utilisation rate significantly.

Next, Atlas Copco takes great care of reliability. All components are tested for the most stringent circumstances. The controller is IP65 rated to protect from dust and water and the C3 canopy with three layer paintings is corrosion proof.

All these features increase the resale value of your equipment; completing the circle of your investment.



Low fuel consumption

Combining the Atlas Copco screw element with a Cummins Stage V compliant diesel engine, efficiency is improved with 6% compared to conventional compressors.



Take care of your environment

Our compressors are standard equipped with 110% containment spillage free frames, avoiding any contamination of the environment, no matter the circumstances. The drain plugs are centralised for ease of use.



UP TO 6%
MORE EFFICIENT
COMPARED TO CONVENTIONAL
COMPRESSOR



EASY
SERVICE 
OIL SERVICE INTERVAL
EXTENDED TO 1000 HOURS
(OR EVERY 2 YEARS)


C3 CERTIFIED
CANOPY
WITH THREE LAYER COATINGS



UP TO 24m³/MIN FAD
UNDER 3500 kg

HIGH 
UTILIZATION
AND PRODUCTIVITY


sStageV
COMPLIANT



Easy access for service

Easy access to all consumables is paramount when service is required. The large gull-wing doors will drastically decrease your service time.

Robust design

This compressor range was tested both in lab and field conditions to ensure optimal performance. It's designed to withstand the toughest working conditions. A three layer protection coating of all bodywork under corrosive category C3 prevents corrosion and improves life time.

Easy to manouver

The adjustable towbar with gas spring assistance can easily be operated by one person. In addition, there is no need for ABS as the compressors all weigh below 3500 KG.

Reduce downtime

Compressor-oil service interval is extended up to 1000 hours or once every two years. Reduced service intervention and longer life of consumables reduces total cost of operation and increases availability. Simple vessel cover for changing the oil separate oil element within one hour.



XC2003 controller

The intuitive XC2003 controller's LCD screen eases operation, while keeping track of your compressor's utilization and prompting for planned service interventions. At the same time the controller is IP65 protected for dust and water so these compressors fit to handle the most demanding applications. It only takes one minute to set the working pressure via this controller.



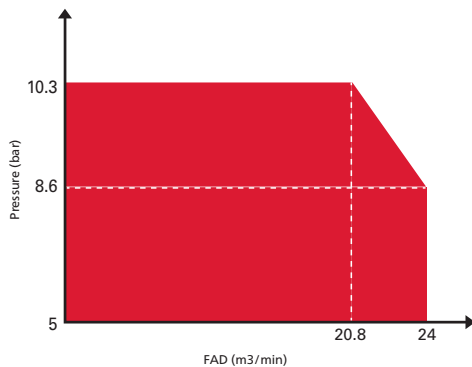
Boost utilization with the XC2003 controller and PACE technology

Change pressure with increments of 0.1 bar

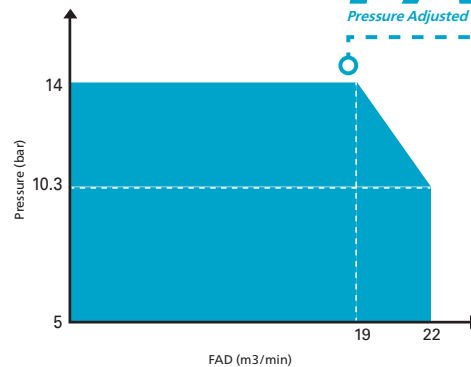
You need PACE... to win the race!

PACE technology redefines the relationship between pressure and flow. A compressor with PACE technology can cover the application needs of, on average three fixed pressure compressors.

Performance chart: XAHS 408



Performance chart: XAVS 378



PACE™
Pressure Adjusted thru Cognitive Electronics

Applications include:



8.6 to 10 bar:
Abrasive blasting



7 to 12 bar:
Shotcrete applications

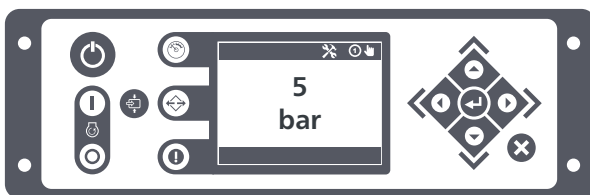


12 bar:
Cable blowing
and drilling

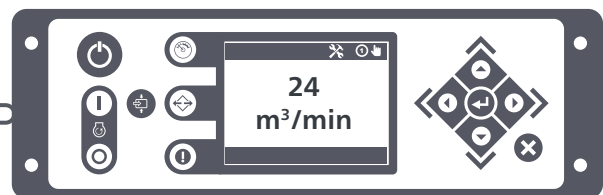


14 bar:
blast hole drilling or
ground engineering drilling

You pick the pressure...



Your application's needs dictate the flow...



The PACE controller locks in, and regulates, the perfect combination!

Intuitive user operation:

- Toggle between the presets in a simple click.
- Custom pressure can be set in 3 simple clicks.
- Pressure can be adjusted in increments of 0,1 bar.



What PACE is:

- ✓ An electronic regulation system programmed via a digital controller.
- ✓ A system that offers the widest operating pressure range within a single compressor. Allowing multiple pressure and flow combinations.
- ✓ A simple to use system with guaranteed accuracy and ensuring safety. Guaranteeing the long-term performance of the compressor.
- ✓ A system that gives you the versatility of three machines in one package.

What PACE is NOT:

- ✗ A linear system where adjusting the pressure dictates the flow.
- ✗ A regulation valve where you use guess work to manually adjust the settings.

PACE technology gives you higher utilisation, more versatility, improved efficiency savings and a higher return on investment!



Higher
utilization



Lower cost
of ownership

ECO-mode: smart electronics for fuel savings

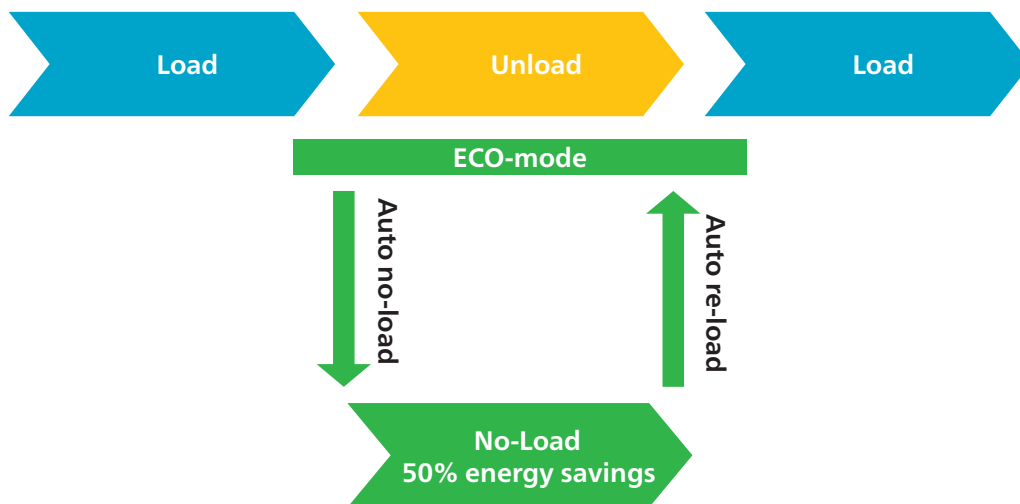
Choose a compressor that only runs when you need air.

Our Xc2003 controllers are equipped with ECO-mode, a software setting that makes the compressor switch automatically from load to unload and no-load. For some applications, when **ECO-mode is active**, the compressor saves up to 50% on energy; compared to normal idle status.

How does it work?

If your application has long periods without air demand, for example during drill rod changes or tramming, your compressor goes into “unload mode”. Thanks to the ECO-mode function, the compressor will automatically switch from unload to no-load (ECO-mode), resulting in fuel savings. As soon as the work is resumed, an air discharge pressure sensor detects the air demand of the application and the controller automatically triggers re-load of the compressor. This auto detection feature makes sure you are up and running again in a heartbeat.

The Xc2003 controller comes with predefined ECO-mode settings, which you can fine-tune to fit your application.





Technical data

Performance		XAHS 408 ST V			XAVS 378 ST V		
Nominal effective working pressure	bar(g)	7-8.6	10.3	12	7-10.3	12	14
	psi(g)	100-125	150	175	100-150	175	200
Free air delivery	cfm	847	792	735	778	725	672
	m³/min	24	22.4	20.8	22	20.5	19
	l/sec	400	374	347	367	342	317
Max. Ambient temp. at sea level	°C	45			45		
Min. Starting temperature	°C	-10			-10		
Min. Starting temperature (Cold start option)	°C	-25			-25		
Engine							
Engine Brand		Cummins					
Engine Model		B6.7 stage V					
Number of cylinder		6					
Engine power	kW	187			187		
Full load rpm		1750					
Unload rpm		1100					
Emission level		stage V					
Capacity							
Engine oil	l	17					
Compressor oil	l	40					
Fuel tank	l	270					
Noise level							
Sound pressure level (LpA) at 7m	dB(A)	72					
Dimensions and weight : undercarriage							
LxWxH	mm	5650 x 1987 x 2058					
Weight (wet)	kg	3500					



Options

- Support mounted or skid
- Adjustable towbar
- Jockey wheel
- Towing eyes (DIN, ITA, NATO, BNA, ball coupling and loose ball coupling)
- Road light system
- Fleetlink
- Quality air equipment
 - Aftercooler
 - WSD
 - Bypass valve
 - PD filter
- Special application equipment
 - Inlet shut down valve
 - Spark arrester
- Cold start
- Metal filler neck



Power Technique Solutions Portfolio

Atlas Copco's Power Technique Business Area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

Air compressors

Ready to go



- 1-5 m³/min
- 7-12 bar

Versatility



- 5.5-22 m³/min
 - 7-20 bar
- *Diesel and electric options available

Productivity partner



- 19-116 m³/min
- 10-345 bar

Handheld tools

Pneumatic tools



- Breakers (2.5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Underground Rockdrills
- Additional Air Tools

Hydraulic tools



- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks

Petrol engine driven tools



- Breakers & Tie Tampers (25 kg)
- Combi Drills (23 Kg)

Generators



- Portable
- Mobile
- Industrial

*Multiple configurations available to produce power for any size application

Light towers



- Diesel LED and MH
- Electric LED
- Battery LED

Dewatering pumps



- Submersible
- Surface
- Small portable

*Diesel and electric options available

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