HIGH CAPACITY DRILLING

The DrillAir range of compressors puts you in full control

Atlas Copco

Sustainable Productivity

DrillAir: Putting you in control

We have developed, and will continue developing, a full range of compressors known as the DrillAir range. This range of compressors is specifically developed to cover a multitude of drilling applications. The DrillAir range is built scientifically around the principals of pressure and flow. The focus of the design is the relationship between these two variables and for the compressor to find the combination which is right for the application – to improve the efficiency aspects of time spent and fuel consumed. With the DrillAir range you achieve the maximum air flow at any pressure setting.

There is no such thing as one size fits all when it comes to efficient drilling. Depending on the depth of hole and the size of the hammer the right product makes all the difference. The DrillAir range gives you the opportunity to choose a product which is right for your core business, while giving you the flexibility to adapt to changes in well depth and hammer size for any custom applications.

Let us find the DrillAir machine that is right for you!

XATS 1200	XAVS 1000	V900	X1300
34.7 - 31.2 m^3/min 4.5 - 10 bar	28.9 - 25.5 m^3/min 4.5 - 14 bar	25.4 - 22.8 m^3/min 15 - 25 bar	39 - 35 m^3/min 13 - 30 bar

Atlas Copco

Industries and applications

Drilling

Geothermal drilling
and construction.

Mining

Blast hole drilling
and exploration.

Oil & Gas

Pipeline, well services
and aerated drilling.

Technology that makes a difference

The combination of DrillAirXpert, the Atlas Copco screw element and a Cummins engine provides high efficiency for a wide range of pressure and flow settings.

DrillAirXpert offers up to 30% increased drilling speed.

Dynamic Flow Boost® gives up to 4 m^3/min additional flow when flushing and during drill stem refill. It means faster flushing, faster stem refill and a shorter time to finish drilling.

Dynamic flow boost can achieve 10% more flow at lower working pressure for larger diameter drilling.

Thanks to the intuitive PACE system (Pressure Adjusted thru Cognitive Electronics) you receive the most options from a single compressor.

This pioneering technology enables multiple pressure and flow settings, ensuring you match air flow and pressure to your application needs.

Atlas Copco XPR extends the working pressure range.

It is based on patented technology and lets you set the working pressure as low as 15 bar.

+30% DRILLING SPEED

Data may change depending on model.

DYNAMIC FLOW BOOST UP TO 10% ADDED FLOW FOR HOLE FLUSHING

BUY-BACK EASY DIVESTMENT

Built to be your long-term partner

SIMPLE SERVICE

The new oil separator system design reduces maintenance time by more than one hour.

The centralized drain system makes the maintenance easier and less time consuming.

The 500 hour service interval reduces the maintenance frequency.

ENGINE CHOICE

A strategic engine choice to meet your needs. Guaranteed support and longevity.

We chose the Cummins Stage III engine for this range.

3x LAYERS

The three layer protection coating of all bodywork minimizes repainting costs.

The top layer, a 100µm powder coat creates a barrier against mechanical damage. The 100µm layer of primer protects from corrosion infiltrating under the coating.

In the event of coating damage, the steel is protected by a Zincor layer.

>10 CORROSION FREE YEARS

SERVICE INTERVAL (HRS) 500

FUEL SAVING UP TO 15%

www.atlascopco.com

Built better...

Advanced controller with PACE function and IP65 protection.

Sound attenuated muffler inside.

Cummins G3/Stage IIIA performance engine.

Additional fuel filter for improved engine protection.

FuelXpert system as standard, for efficiency at partial load.

V900
XATS 1200
XAVS 1000

Integrated battery hub with anti-dust protection.

Integrated, optimized air filtration system for easy service and performance.

Integrated fail-safe outlet values.

Ergonomic integrated ladder inside.

Dedicated service door for oil level observation and oil filling for compressor.

Performs better!

Visual Xc controller with PowerXpert, Dynamic Flow Boost and automatic start/stop.

Centralized drain for easy service.

Toggle switch to allow easy pressure switching.

DrillAirXpert to guarantee the most efficient drilling speed.

X1300

Integrated ladder for easy access to the roof.

Highly efficient in-house designed two-stage screw element.

Safe lifting slots.

Easy service vessel. Needs less than one hour to change the oil separator element.

Top guided exhaust with insulation. Muffler in the dedicated and isolated chamber.

TECHNICAL DATA

		XATS 1200	XAVS 1000	V900	X1300
Max. Pressure	bar	8.6-10	12-14	20-25	13-30
	PSI	125-150	175-200	290-363	190-435
Flow at max. pressure	m³/min	34.7-31.2	28.9-25.5	25.4-22.8	39-35.1
	l/s	578-520	482-425	423-380	650-585
	CFM	1225-1102	1021-901	896-805	1377-1240
Regulation system		PACE	PACE	PACE	DrillAirXpert
Engine make		Cummins	Cummins	Cummins	Cummins
Engine model		QSL8,9	QSL8,9	QSL8,9	QSZ13
Dimensions Wagon (LxWxH)	mm	4100 x 2100 x 2500	4100 x 2100 x 2500	4100 x 2100 x 2500	5033 x 2250 x 2510
Dimensions Support (LxWxH)	mm	3650 x 2100 x 2250	3650 x 2100 x 2250	3650 x 2100 x 2250	4193 x 2250 x 2270
Dry weight Wagon	kg	4045	4045	4045	6060
Wet weight Wagon	kg	4550	4550	4550	7020
Dry weight Support	kg	3815	3815	3815	5540
Wet weight Support	kg	4320	4320	4320	6500

OPTIONS AVAILABLE

- Wagon
- After cooler
- Drill AirXpert
- Support mounted
- CE certification
- Skid
- XPR
- Cold start
- Refining equipment

Atlas Copco

Unmatched compactness

The small-footprint gives you the maximum options when it comes to transportation

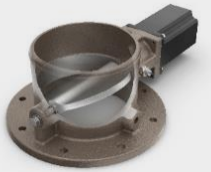
Sustainable Productivity

Atlas Copco

DrillAirXpert's performance management system

Hardware

Controller Xc4003



Electronically controlled inlet valve

Variable minimum pressure valve

DrillAirXpert

Software enhancements

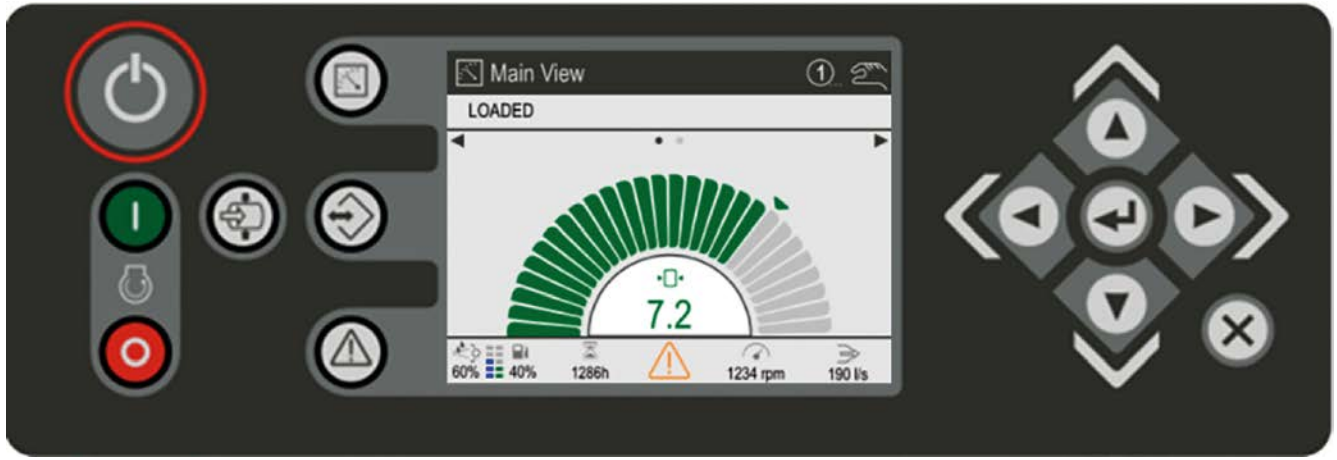
Dynamic Flow Boost®

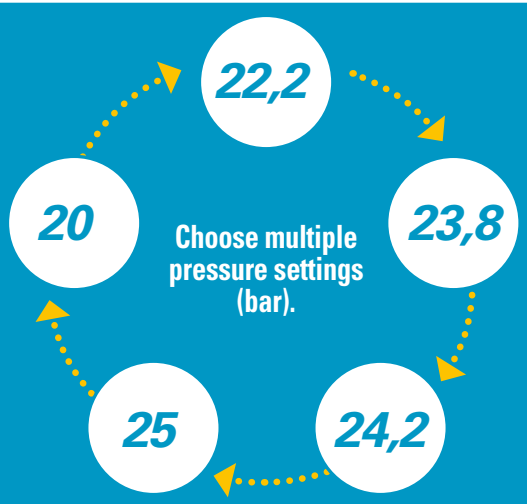
Direct Flow Control

Extended pressure range

PACE™ technology

You control the pressure, you control the flow





PACE™

Pressure Adjusted thru Cognitive Electronics

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

Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO
- 1-5 m³/min
- 7-12 bar

VERSATILITY
- 5,5-22 m³/min
- 7-20 bar

PRODUCTIVITY PARTNER
- 19-116 m³/min
- 10-345 bar

Diesel and electric options available

GENERATORS

PORTABLE
- 1,6-12 kVA

MOBILE
- 9-1250* kVA

INDUSTRIAL
- 10-1250* kVA

*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
- 250-16.500 l/min

CENTRIFUGAL
- 833-23.300 l/min

SMALL PORTABLE
- 210-2500 l/min

Diesel and electric options available

LIGHT TOWERS

LED

METAL HALIDE

ELECTRIC

Commited to sustainable productivity

Atlas Copco's Portable Energy division 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.

www.atlascopco.com

Atlas Copco

2958 1500 00 © 2017 Atlas Copco Portable Energy All rights reserved.® Atlas Copco is a registered trademark of Atlas Copco AB

Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components.
We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.