

*Atlas Copco*

# Portable air compressors

For mining, drilling, oil & gas and blasting applications

X-Air<sup>+</sup> 830-12, X-Air<sup>+</sup> 750-20, X-Air<sup>+</sup> 675-17



# Boost your productivity with the X-Air<sup>+</sup> range

Power your productivity in construction, mining, blasting, and drilling with the X-Air<sup>+</sup> portable compressor. Adjust pressure in just a few clicks—whether for abrasive blasting, shallow water well drilling, pipeline pigging and pressure testing. Optimize performance, cut fuel use, and maximize every shift.

**LOW**  
TOTAL COST  
OF OWNERSHIP

**ROBUST**  
DESIGN

**EASY TO**  
OPERATE

**INCREASE**  
RELIABILITY

## Features that work for you

### 1 Reduce fuel consumption

- Save fuel with the efficient electronic engine
- Save more fuel with the optional ECO mode, which switches from unload to no-load during low demand

### 2 Smart and simple operation

- The advanced Xc2004 digital controller puts total control at your fingertips

### 3 Rugged design

- Metal canopy for impact & weather protection
- Double-layer anti-corrosion paint on metal components for high resale value

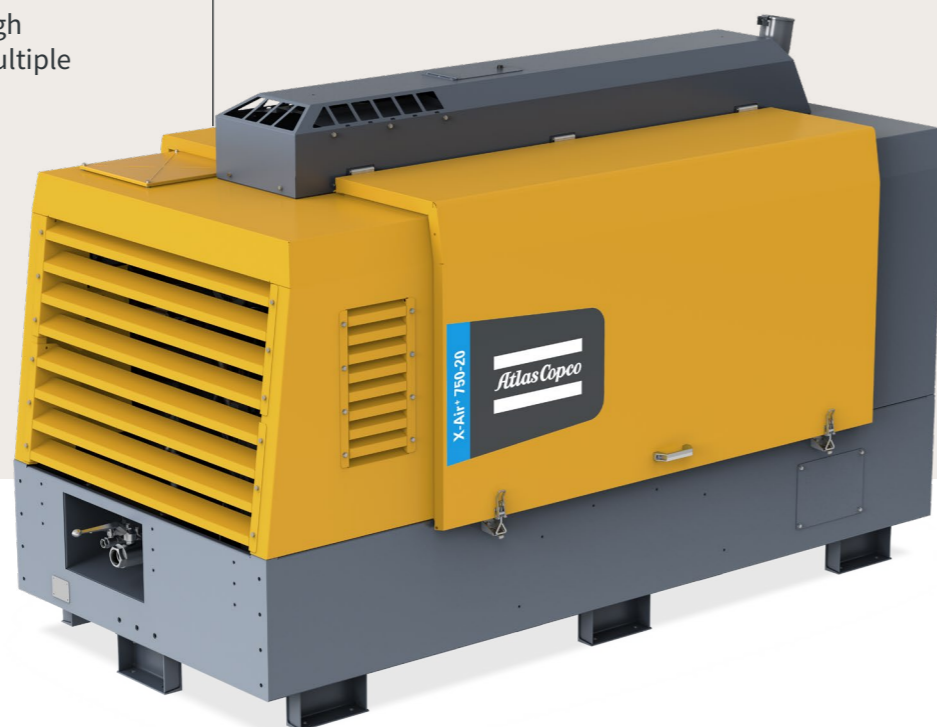
### 4 Service-friendly oil separator

- Gull-wing doors provide easy access to all service points
- Patented design allows quick replacement – no need to disconnect pneumatic lines
- Smart-fit oil filter can be changed by hand without tools

### 5 PACE technology

- PACE (Pressure Adjusted through Cognitive Electronics) offers multiple pressure with one compressor

Ask for your free TCO calculation for your application!



## Applications

Model	Construction			Mining					
	Shotcrete blasting	Ground engineering drilling	Shallow water well drilling	Dimensional stone industry (DSI)	Quarry drilling	Down-the-hole (DTH) drilling	Coal mining	Overburden mining	Blast hole drilling
X-Air <sup>+</sup> 830-12	●	-	-	-	-	-	-	-	-
X-Air <sup>+</sup> 750-20	-	-	●	-	-	●	●	●	●
X-Air <sup>+</sup> 675-17	-	○	●	●	●	●	●	●	●

Model	Utility			Oil & Gas			Suitable
	Pneumatic tools	Abrasive blasting	Dry ice blasting	Abrasive blasting	Pipeline pressure testing	Pipeline pigging	
X-Air <sup>+</sup> 830-12	○	●	●	●	●	●	Best choice
X-Air <sup>+</sup> 750-20	-	-	-	-	●	●	
X-Air <sup>+</sup> 675-17	-	-	-	-	●	●	

## Technical Data

Compressor	Unit	X-Air <sup>+</sup> 830-12		X-Air <sup>+</sup> 750-20				X-Air <sup>+</sup> 675-17			
Working pressure range	psi	125	175	175	200	250	290	175	200	225	250
Actual free air delivery	cfm	830	670	740	730	700	670	675	660	635	625
Max. ambient temperature at sea level	°C	+55		+55				+55			
Max. ambient temperature at sea level with AF*	°C	+50		-				+50			
Air temperature at outlet valves	°C	Ambient +75		-				Ambient +75			
Air temperature at outlet valves with AF*	°C	Ambient +16		-				Ambient +16			
Number of compression stages		1		2				1			
Engine		Cummins									
Type		QSB 6.7 Electronic									
Engine power at normal shaft speed	kW	215									
Engine speed (nominal)	rpm	1950		2040				1900			
Engine speed (unloaded)	rpm	1300									
Dimension Portable / Undercarriage (L X W X H)	mm	4894 x 2087 x 2527									
Dimension Stationary / Rig without fuel tank (L X W X H)	mm	3254 x 1779 x 2075									
Weight – wet - Portable / Undercarriage	kg	3600		3730				3600			
Weight – wet - Stationary / Rig without fuel tank	kg	2918		3100				2918			

\*AF = Aftercooler

## Standard features

- Fuel-efficient electronic engine
- PACE technology
- Metal canopy with very low noise
- Xc2004 controller
- High-efficiency rotary screw element
- Patented vessel
- 0°C to 55°C operation
- Centralized drains
- Gull wing doors
- Emergency stop
- FleetLink remote monitoring
- Double-layer anti-corrosion paint on metal components

## Options

- ECO mode
- Skid or Rig (without fuel tank)
- Aftercooler & water separator
- Cold start kit (-10 °C)
- Refinery kit
- Excavator mounting option

# Our air solutions portfolio

## Portable air compressors diesel driven

### Small range



- 2-5 m<sup>3</sup>/min (33-175 cfm)
- 7-12 bar (100-175 psi)

### Medium range



- 7-24 m<sup>3</sup>/min (250-850 cfm)
- 5-17 bar (73-250 psi)

### Large range



- 20-60 m<sup>3</sup>/min (700-2000 cfm)
- 7-40 bar (100-580 psi)

## Portable air compressors electric driven

### E-Air, electric range



- 4-32.5 m<sup>3</sup>/min (140-1150 cfm)
- 5-14 bar (72-200 psi)

### B-Air, battery range



- 3.8-5.5 m<sup>3</sup>/min (135-194 cfm)
- 5-12 bar (72-175 psi)

## Boosters



- Up to 128 m<sup>3</sup>/min (4500 cfm)
- Up to 345 bar (5000 psi)

## Handheld tools

### Pneumatic tools



- Breakers (2,5-40 kg)
- Rock drills (5-25 kg)
- Underground rock drills
- Additional air tools

### Hydraulic tools



- Breakers (11-40 kg)
- Additional hydraulic tools
- Powerpacks

### Petrol engine driven tools



- Breakers & tie tampers (25 kg)
- Rock drills (23 kg)

## Portable air treatment products

### Nitrogen membrane generators



- Up to 85 m<sup>3</sup>/min (3000 cfm)
- Up to 25 bar (363 psi)

### Desiccant air dryers



- Up to 78 m<sup>3</sup>/min (2750 cfm)
- 7-14 bar (100-205 psi)

## Online solutions

### FLEETLINK

Intelligent telematics is a system that helps optimize fleet usage and reduce maintenance, ultimately saving time and cutting operating costs.



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