

Atlas Copco

Portable air compressors

For mining, drilling and blasting applications

X-Air+ 520-14, X-Air+ 620-10.3, X-Air+ 660-14,
X-Air+ 600-17



Boost your productivity with the X-Air+ range

Power your productivity in construction, mining, blasting, and drilling with the X-Air+ portable compressor. Adjust pressure in just a few clicks—whether for cable blowing or underground drilling. Optimize performance, cut fuel use, and maximize every shift.



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

- Hybrid canopy (metal + PE) for impact & weather protection
- Double-layer anti-corrosion paint on metal components for high resale value

4 Service-friendly oil separator

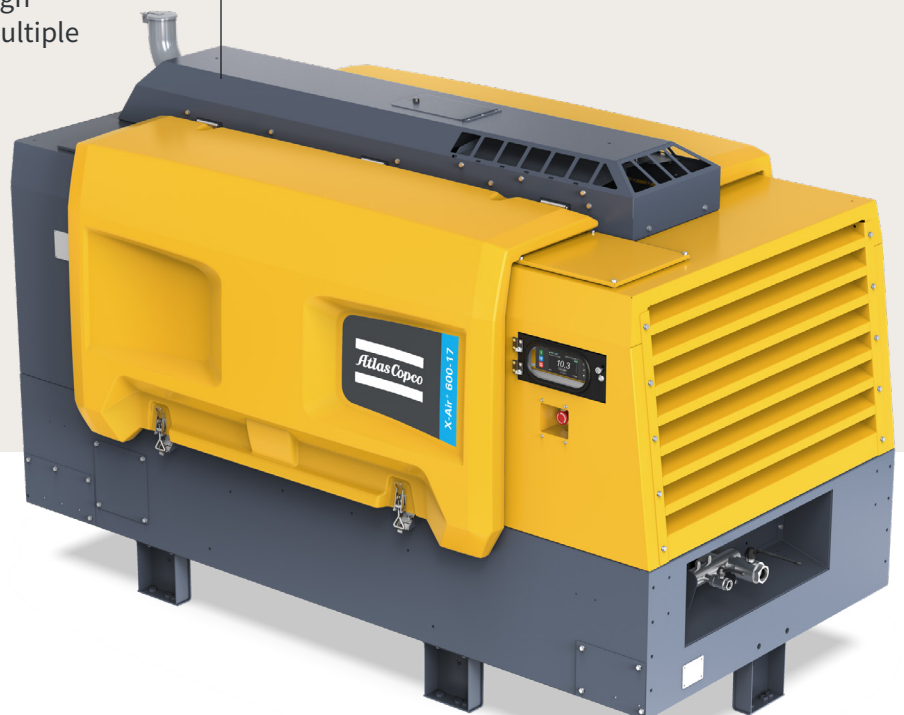
- Gull-wing doors provide easy access to all service points
- Patented design allows quick replacement – no need to disconnect pneumatic lines
- Smart-fit oil filter can be changed by hand without tools

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							
	Pneumatic tools	Shotcrete blasting	Ground engineering drilling	Shallow water well drilling	Dimensional stone industry (DSI)	Top hammer drilling	Quarry drilling	Down-the-hole (DTH) drilling	Jackleg drilling	Coal mining	Overburden mining	Blast hole drilling
X-Air+ 620-10.3	●	●	○	○	○	○	○	○	○	○	○	○
X-Air+ 520-14, X-Air+ 660-14	○	●	●	●	●	●	●	●	●	●	●	●
X-Air+ 600-17	-	-	-	●	●	●	●	●	●	●	●	●

Model	Utility				Oil & Gas			Suitable ○ Best choice ●
	Pneumatic tools	Abrasive blasting	Dry ice blasting	Cable blowing	Abrasive blasting	Pipeline pressure testing	Pipeline pigging	
X-Air+ 620-10.3	●	●	●	●	○	○	○	○
X-Air+ 520-14, X-Air+ 660-14	●	●	●	●	●	●	●	●
X-Air+ 600-17	-	-	-	-	-	●	●	●

Technical Data

Compressor	Unit	X-Air+ 520-14				X-Air+ 620-10.3			X-Air+ 660-14			X-Air+ 600-17				
Working pressure	psi	100	175	190	200	100	125	150	100	175	200	175	200	250		
Actual free air delivery	cfm	545	525	500	465	620	585	550	665	555	505	605	570	540		
Max. ambient temperature at sea level	°C	55				55			55			55				
Max. ambient temperature at sea level with AF*	°C	50				50			-			-				
Air temperature at outlet valves	°C	Ambient +75														
Air temperature at outlet valves with AF*	°C	Ambient +15						-			-					
Number of compression stages		1				1			1			2				
Engine		Cummins				Cummins			Cummins			Cummins				
Type		QSB 4.5 Electronic				QSB 4.5 Electronic			QSB 4.5 Electronic			QSB 4.5 Electronic				
Engine power at normal shaft speed	kW	129				129			159			159				
Engine speed (nominal)	rpm	1975				2000			2100			2100				
Engine speed (unloaded)	rpm	1400				1400			1400			1400				
Dimension Portable / Undercarriage (L X W X H)	mm	4190 x 1912 x 2250 (height 2450 with option spark arrestor)														
Dimension Stationary / Rig without fuel tank (L X W X H)	mm	2975 x 1605 x 1900 (height 2100 with option spark arrestor)														
Weight - wet - Portable / Undercarriage	kg							2575						2800		
Weight - wet - Stationary / Rig without fuel tank	kg							2400						2425		

*AF = Aftercooler

Standard features

- Fuel-efficient electronic engine
- PACE technology
- Hybrid 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 support mount
- Aftercooler, water separator and filters
- Cold start kit (-10 °C)
- Refinery kit
- High-altitude kit

Our air solutions portfolio

Portable air compressors diesel driven

Small range



- 2-5 m³/min (33-175 cfm)
- 7-12 bar (100-175 psi)

Medium range



- 7-24 m³/min (250-850 cfm)
- 5-17 bar (73-250 psi)

Large range



- 20-60 m³/min (700-2000 cfm)
- 7-40 bar (100-580 psi)

Portable air compressors electric driven

E-Air, electric range



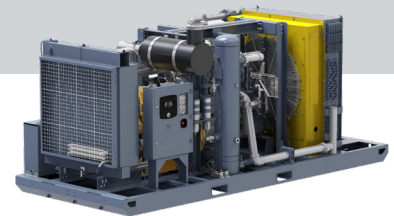
- 4-32.5 m³/min (140-1150 cfm)
- 5-14 bar (72-200 psi)

B-Air, battery range



- 3.8-5.5 m³/min (135-194 cfm)
- 5-12 bar (72-175 psi)

Boosters



- Up to 128 m³/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 m³/min (3000 cfm)
- Up to 25 bar (363 psi)

Desiccant air dryers



- Up to 78 m³/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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