Portable air compressors

For handheld tools, abrasive blasting,
shotcrete applications, cable blowing and drilling



Think outside the box

The new X-Air range is the result of 10 years of continuous development and addresses the changing needs of our customers. This range, from 400-850 cfm, combines the rugged durability you need with the performance efficiency you deserve.

When we focus on efficiency within this range, it's all about the strategic triangle of size, flow and fuel efficiency. Excelling in one of these areas is wasted excellence if you cannot provide the other two. Therefore, our promise to you is an industry leading range of optimized size-to-flow compressors, which have unparalleled levels of fuel efficiency and autonomy.

Some types of the X-Air range come with PACE (Pressure Adjusted through Cognitive Electronics). This electronic pressure regulation system brings a wider pressure range to cover more applications. PACE optimizes your compressor's efficiency, especially at partial load or idle status. PACE is the smart technology that increases your utilization and improves your compressor's fuel economy.

This range is also designed to withstand the toughest working conditions. With a standard operating temperature range of -10°C to +50°C and a strong undercarriage. The range's robust nature guarantees reliable operation. The design, controller and modularity put you in control. You will see we have also focused heavily on ease of service to ensure uptime and utilization. This range is all about you!



Lower capital investment

One machine covers multiple applications

High ambient temperature

Performance guaranteed

Fuel savings

Both efficiency and autonomy

Compact size

With maximum flow

Increased utilization

Simple service and long service intervals

Built better. Built for you!

Depending on the model, we offer a choice of a mechanical or electronic engine. We also offer our aftercooler for all models. By matching the air demand needs to the engine speed, the consumption of fuel is optimized. This fast acting fuel saving system is conti compressor – with the largest benefit at partial load. In short, we are proud to offer a range of compressors with market leading efficiency, due to the combination of our in-house patented screw element coupled with a Cummins engine.



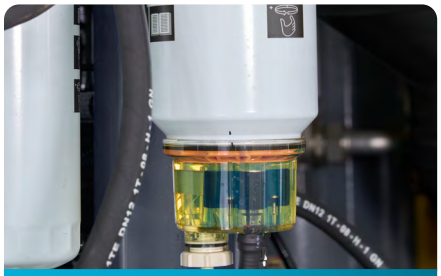
Xc2004 controller with IP65 protection and easy operation*



Simple vessel design for ease of service



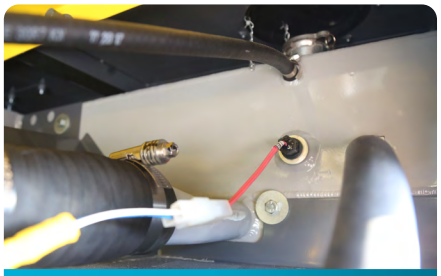
Heavy duty air filter with safety cartridge as standard



Additional fuel filter as standard to ensure engine protection



Aftercooler with water separator and filters



Integrated top tank to reduce leak risk and avoid corrosion



Metal braided hose for improved safety and longevity



Top mounted muffler for less fire risk and heat load



Enhanced cooling system for 50°C high ambient temperatures



Reliable anchoring for safe transportation and on-site handling



Protects environment, avoids cleanup cost, compliant with mining or construction site regulations



Improves fuel efficiency and lowers operating costs

*Available on selected models on units with electronic engine.

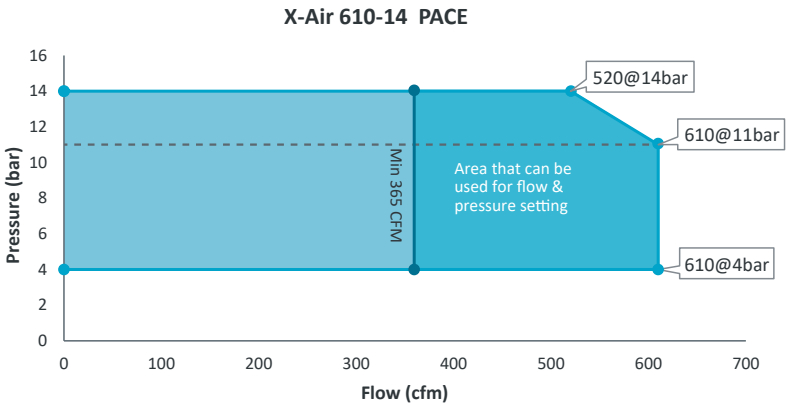
Options

- Single axle
- Spillage-free frame
- Mounted support
- Skid
- Jockey wheel and support leg
- Aftercooler with water separator and filters
- Refinery kit
- Cold start kit
- ECO-mode

Plus many more. Please ask a representative for details.

Has your compressor got PACE?

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.



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 longterm performance of the compressor.
- A system that gives you the versatility of three machines in one package.

Applications include:



7 bar:
Handheld tools



8.6 to 10 bar:
Abrasive blasting



7 to 12 bar:
Shotcrete applications



12 to 14 bar:
Cable blowing and drilling

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 NOT:

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

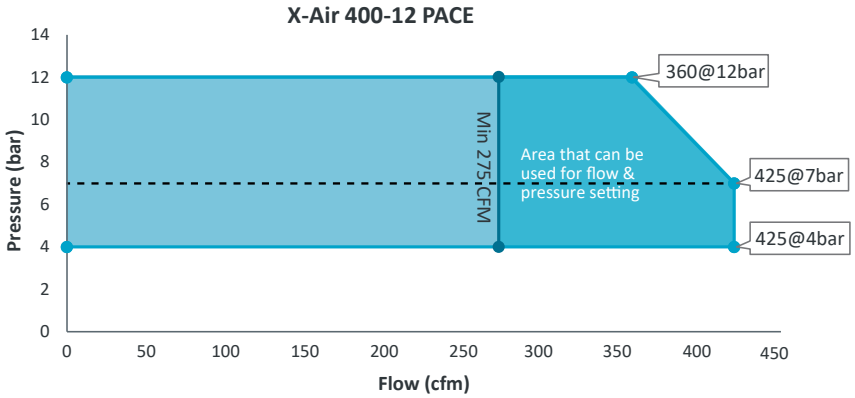
Compressors
up to 410 CFM



Technical data

	Unit	X-Air 360-10	X-Air 350-12	X-Air 400-7	X-Air 360-10	X-Air 350-12	X-Air 400-7	X-Air 400-12 PACE
Free Air Delivery (range)	cfm	365	355	410	365	355	410	360 | 425
Free Air Delivery (range)	m^3/min	10.3	10	12	10.3	10	12	10.2 | 12.0
Working pressure (range)	bar	10.3	12	7	10.3	12	7	7 | 12
Working pressure (range)	psi	150	175	100	150	175	100	100 | 175
Max. sound power (Lw @ 2000/14/EC)	dB(A)	106dB(A)	106dB(A)	104 dB(A)	106dB(A)	106dB(A)	104 dB(A)	107 dB(A)
Max. sound pressure at 10m	dB(A)	76 dB(A)	76 dB(A)	76 dB(A)	76 dB(A)	76 dB(A)	76 dB(A)	79 dB(A)
Ambient temperature range without aftercooler (min-max)	°C	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*
Ambient temperature range without aftercooler (min-max)	°F	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*
Ambient temperature range with aftercooler (min-max)	°C	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*
Ambient temperature range with aftercooler (min-max)	°F	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*
Controller		Analog control panel	Analog control panel	Analog control panel	Xc1004	Xc1004	Xc1004	Xc2004
Engine								
Engine brand		Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC
Engine model		4BTAA3.9-C125-II	4BTAA3.9-C125-II	4BTAA3.9-C125-II	QSB3.9-C130-31	QSB3.9-C130-31	QSB3.9-C130-31	QSB3.9-C130-31
Emission stage		T2	T2	T2	T3	T3	T3	T3
Engine power at full load	kW	93	93	93	96	96	96	96
Engine power at full load	hp	125	125	125	129	129	129	129
Full load speed	rpm	2000	1950	2100	2000	1950	2100	2300 | 1950
Unload speed	rpm	1500	1500	1500	1500	1500	1500	1500 | 1500
Capacity								
Engine oil	l	9	9	9	9	9	9	9
Engine oil	gal.	2	2	2	2	2	2	2
Fuel tank capacity	l	175	175	175	175	175	175	175
Fuel tank capacity	gal.	46.2	46.2	46.2	46.2	46.2	46.2	46.2
Compressor oil	l	26	26	26	26	26	26	26
Compressor oil	gal.	7	7	7	7	7	7	7
Cooling system	l	21	21	21	21	21	21	21
Cooling system	gal.	6	6	6	6	6	6	6
Dimensions								
Compressed air outlet		1 x G1 1/2 + 3 x G 3/4			1 x G1 1/2 + 3 x G 3/4			
BOX (l x w x h | weight)	mm | kg	2568 x 1350 x 1808 | 1600			2568 x 1350 x 1808 | 1600			
Undercarriage (l x w x h | weight)	mm | kg	4060 x 1890 x 2020 | 1800			4060 x 1890 x 2020 | 1800			
BOX (l x w x h | weight)	in | lbs	101.1 x 53.15 x 71.18 | 3527			101.1 x 53.15 x 71.18 | 3527			
Undercarriage (l x w x h | weight)	in | lbs	159.84 x 74.41 x 79.53 | 3968			159.84 x 74.41 x 79.53 | 3968			

* Min. starting temperature with cold start equipment: 20 °C | -4 °F



Compressors
up to 700 CFM

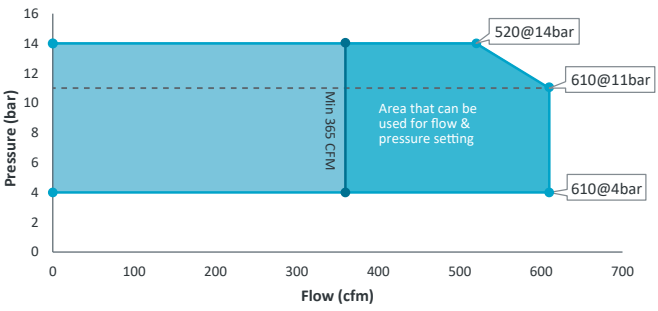


Technical data

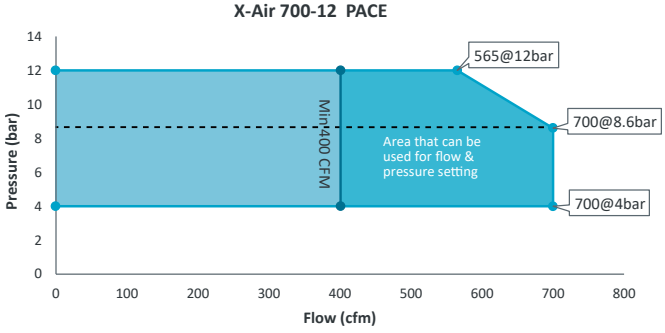
	Unit	X-Air 440-14	X-Air 450-12	X-Air 460-10	X-Air 440-14	X-Air 450-12	X-Air 460-10	X-Air 610-14 PACE	X-Air 700-12 PACE
Free Air Delivery (range)	cfm	440	450	460	440	450	460	610 | 520	700 | 565
Free Air Delivery (range)	m^3/min	12.5	12.7	13.0	12.5	12.7	13.0	17.3 | 14.7	19.8 |16.0
Working pressure (range)	bar	14	12	10	14	12	10	11 | 14	8.6 | 12
Working pressure (range)	psi	200	175	145	200	175	145	160 | 200	125 | 175
Max. sound power (Lw @ 2000/14/EC)	dB(A)	107 dB(A)	107 dB(A)	107 dB(A)	111 dB(A)	111 dB(A)	111 dB(A)	111 dB(A)	111 dB(A)
Max. sound pressure at 10m	dB(A)	89 dB(A)	89 dB(A)	89 dB(A)	81 dB(A)	81 dB(A)	81 dB(A)	79 dB(A)	79 dB(A)
Ambient temperature range without aftercooler (min-max)	°C	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*
Ambient temperature range without aftercooler (min-max)	°F	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*
Ambient temperature range with aftercooler (min-max)	°C	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*
Ambient temperature range with aftercooler (min-max)	°F	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*
Controller		Analog control panel	Analog control panel	Analog control panel	Xc1004	Xc1004	Xc1004	Xc2004	Xc2004
Engine									
Engine brand		Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC
Engine model		6BTAA5.9-C180	6BTAA5.9-C180	6BTAA5.9-C180	QSB5.9-C180	QSB5.9-C180	QSB5.9-C180	QSB5.9-C210-30	QSB5.9-C210-30
Emission stage		T2	T2	T2	T3	T3	T3	T3	T3
Engine power at full load	kW	132	132	132	132	132	132	154	154
Engine power at full load	hp	177	177	177	177	177	177	206	206
Full load speed	rpm	2400	2400	2400	2400	2400	2400	1700 | 2000	1700 | 2000
Unload speed	rpm	1500	1500	1500	1200	1200	1200	1200	1200
Capacity									
Engine oil	l	14	14	14	14	14	14	14	14
Engine oil	gal.	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Fuel tank capacity	l	175	175	175	185	185	185	185	185
Fuel tank capacity	gal.	46.2	46.2	46.2	48.9	48.9	48.9	48.9	48.9
Compressor oil	l	35	35	35	35	35	35	44.5	44.5
Compressor oil	gal.	9.2	9.2	9.2	9.2	9.2	9.2	11.8	11.8
Cooling system	l	30	30	30	30	30	30	30	30
Cooling system	gal.	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
Dimensions									
Compressed air outlet		1 x G1 1/2 1x G 3/4	1 x G1 1/2 1x G 3/4	1 x G1 1/2 1x G 3/4	1 x G1 1/2 1x G 3/4	1 x G1 1/2 1x G 3/4	1 x G1 1/2 1x G 3/4	1 x G2 1x G 3/4	1 x G2 1x G 3/4
BOX (l x w x h | weight)	mm | kg	2800 x 1610 x 1865 | 1900						3173 x 1400 x 1860 | 2275	
Undercarriage (l x w x h | weight)	mm | kg	4140 x 1940 x 2156 | 2200						4486 x 1940 x 2141 | 2450	
BOX (l x w x h | weight)	in | lbs	110.24x 63.39 x 74.43 | 4189						124.92 x 55.12 x 62.99 | 5015.5	
Undercarriage (l x w x h | weight)	in | lbs	162.99 x76.38 x 84.88 | 4850						176.61 x 76.38 x 84.29 | 5401.3	

* Min. starting temperature with cold start equipment -25°C / -13°F

X-Air 610-14 PACE



X-Air 700-12 PACE



Compressors
up to 850 CFM



Technical data

	Unit	XAXS600	XAVS650	XAHS750	XATS800	XAMS850	XRHS650	XATS800 T2
Free Air Delivery (range)	cfm	600	650	750	800	850	671	790
Free Air Delivery (range)	m^3/min	17	18	21	22	24	19	22.3
Working pressure (range)	bar	17	14	12	10.3	8.6	20	10.3
Working pressure (range)	psi	250	200	175	150	125	300	150
Max. sound power (Lw @ 2000/14/EC)	dB(A)	115 dB(A)	115 dB(A)	115 dB(A)	115 dB(A)	115 dB(A)	108 dB(A)	115 dB(A)
Max. sound pressure at 10m	dB(A)	84 dB(A)	84 dB(A)	84 dB(A)	84 dB(A)	84 dB(A)	79 dB(A)	84 dB(A)
Ambient temperature range without aftercooler (min-max)	°C	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*	-10 - 50*
Ambient temperature range without aftercooler (min-max)	°F	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*	14 - 122*
Ambient temperature range with aftercooler (min-max)	°C	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*	-10 - 45*
Ambient temperature range with aftercooler (min-max)	°F	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*	14 - 113*
Controller		Xc2004	Xc2004	Xc2004	Xc2004	Xc2004	Xc2004	Analog Control Panel
Engine								
Engine brand		Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC	Cummins DCEC
Engine model		QSB6.7-C260-33						6CTA8.3-C260-II
Emission stage		T3	T3	T3	T3	T3	T3	T2
Engine power at full load	kW	194	194	194	194	194	194	194
Engine power at full load	hp	260	260	260	260	260	260	260
Full load speed	rpm	2000	2000	2000	2000	2000	2000	2000
Unload speed	rpm	1300	1300	1300	1300	1300	1300	1300
Capacity								
Engine oil	l	17.8	17.8	17.8	17.8	17.8	17.8	19
Engine oil	gal.	4.7	4.7	4.7	4.7	4.7	4.7	5.0
Fuel tank capacity	l	320	320	320	320	320	290	320
Fuel tank capacity	gal.	84.5	84.5	84.5	84.5	84.5	76.6	84.5
Compressor oil	l	60	60	60	60	60	60	67
Compressor oil	gal.	15.9	15.9	15.9	15.9	15.9	15.9	17.7
Cooling system	l	35.5	35.5	35.5	35.5	35.5	34	50
Cooling system	gal.	9.4	9.4	9.4	9.4	9.4	9.0	13.2
Dimensions								
Compressed air outlet		1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4
BOX (l x w x h | weight)	mm | kg	2853 x 1470 x 1400 | 2500					3167 x 1470 x 1400 | 2800	2853 x 1470 x 1400 | 2270
Undercarriage (l x w x h | weight)	mm | kg	4893 x 2010 x 2313 | 2700					4858 x 2010 x 2313 | 3000	5012 x 2010 x 2280 | 3000
BOX (l x w x h | weight)	in | lbs	112.32 x 57.87 x 55.12 | 5512					125.04 x 57.87 x 55.12 | 6173	112.32 x 57.87 x 55.12 | 5004
Undercarriage (l x w x h | weight)	in | lbs	192.64 x 79.13 x 91.06 | 5952					191.26 x 79.13 x 91.06 | 6614	197.32 x 79.13 x 89.76 | 6614

* Min. starting temperature with cold start equipment -25°C / -13°F

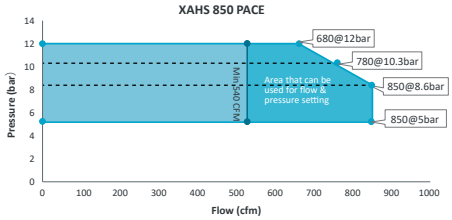
Compressors
up to 850 CFM

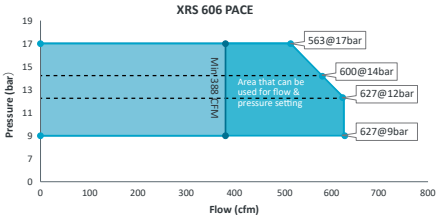


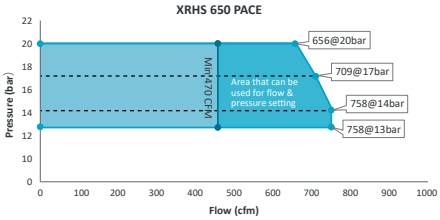
Technical data

	Unit	XAHS850 PACE	XRS606 PACE	XRHS650 PACE
Free Air Delivery (range)	cfm	850 | 680	627 | 563	758 | 656
Free Air Delivery (range)	m^3/min	24 | 19.2	17.6 | 16	21.7 | 18.6
Working pressure (range)	bar	8.6 | 12	12 | 17	14 | 20
Working pressure (range)	psi	125 | 175	175 | 250	203 | 290
Max. sound power (Lw @ 2000/14/EC)	dB(A)	112 dB(A)	112 dB(A)	108.5 dB(A)
Max. sound pressure at 10m	dB(A)	81 dB(A)	81 dB(A)	79 dB(A)
Ambient temperature range without aftercooler (min-max)	°C	-10 - 50*	-10 - 50*	-10 - 50*
Ambient temperature range without aftercooler (min-max)	°F	14 - 122*	14 - 122*	14 - 122*
Ambient temperature range with aftercooler (min-max)	°C	-10 - 45*	-10 - 45*	-10 - 45*
Ambient temperature range with aftercooler (min-max)	°F	14 - 113*	14 - 113*	14 - 113*
Controller		Xc2004	Xc2004	Xc2004
Engine				
Engine brand		Cummins DCEC	Cummins DCEC	Cummins DCEC
Engine model			QSB6.7-C260-33	
Emission stage		T3	T3	T3
Engine power at full load	kW	194	194	194
Engine power at full load	hp	260	260	260
Full load speed	rpm	2060	2100	2100
Unload speed	rpm	1300	1300	1300
Capacity				
Engine oil	l	17.8	17.8	17.8
Engine oil	gal.	4.7	4.7	4.7
Fuel tank capacity	l	320	290	290
Fuel tank capacity	gal.	84.5	76.6	76.6
Compressor oil	l	60	60	60
Compressor oil	gal.	15.9	15.9	15.9
Cooling system	l	35.5	31	34
Cooling system	gal.	9.4	8.2	9.0
Dimensions				
Compressed air outlet		1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4	1 x G2 + 1 x G 3/4
BOX (l x w x h | weight)	mm | kg	2853 x 1470 x 1400 | 2500	2951 x 1400 x 1600 | 2390	3167 x 1470 x 1400 | 2800
Undercarriage (l x w x h | weight)	mm | kg	4893 x 2010 x 2313 | 2700	4663 x 1940 x 2141 | 2500	4858 x 2010 x 2313 | 3000
BOX (l x w x h | weight)	in | lbs	112.32 x 57.87 x 55.12 | 5512	116.18 x 55.12 x 62.99 | 5269	125.04 x 57.87 x 55.12 | 6173
Undercarriage (l x w x h | weight)	in | lbs	192.64 x 79.13 x 91.06 | 5952	183.58 x 76.38 x 84.29 | 5512	191.26 x 79.13 x 91.06 | 6614

* Min. starting temperature with cold start equipment -25°C / -13°F







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)
- 5-20 bar (73-290 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 and 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.

CONNECTED FLEET LINK SECURED

Atlas Copco Power Technique
atlascopco.com/mobile-air-compressors