

The XAS boX range

Everything you need... It's time to think inside the boX!
400-850 cfm (7-20 bar)

Sustainable Productivity

Atlas Copco



Think inside the boX

The new XAS boX 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.

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!

BO_XAS



**LOWER
CAPITAL
INVESTMENT**



One machine
covers multiple applications

**INCREASED
UTILIZATION**



Simple service
and long service intervals

**FUEL
SAVINGS**



Both efficiency and autonomy

**COMPACT
SIZE**



With maximum flow

**HIGH
AMBIENT
TEMPERATURE
PERFORMANCE GUARANTEED**



Built better. Built for you!

Depending on the model, we offer a choice of a mechanical or electronic engine. We also offer our patented FuelXpert system on many models. By matching the air demand needs to the engine speed, the consumption of fuel is optimized. This fast acting fuel saving system is continuous during the running of the 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.



XC2003 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.



FuelXpert for fuel savings at partial load*.



Integrated top tank to reduce leak risk and avoid corrosion.



Metal braided hose to improved safety and longevity.



Top mounted muffler for less fire risk and heat load.



Enhanced cooling system for 50°C high ambient temperatures.

*On all units with electronic engines.

+Available on select models.

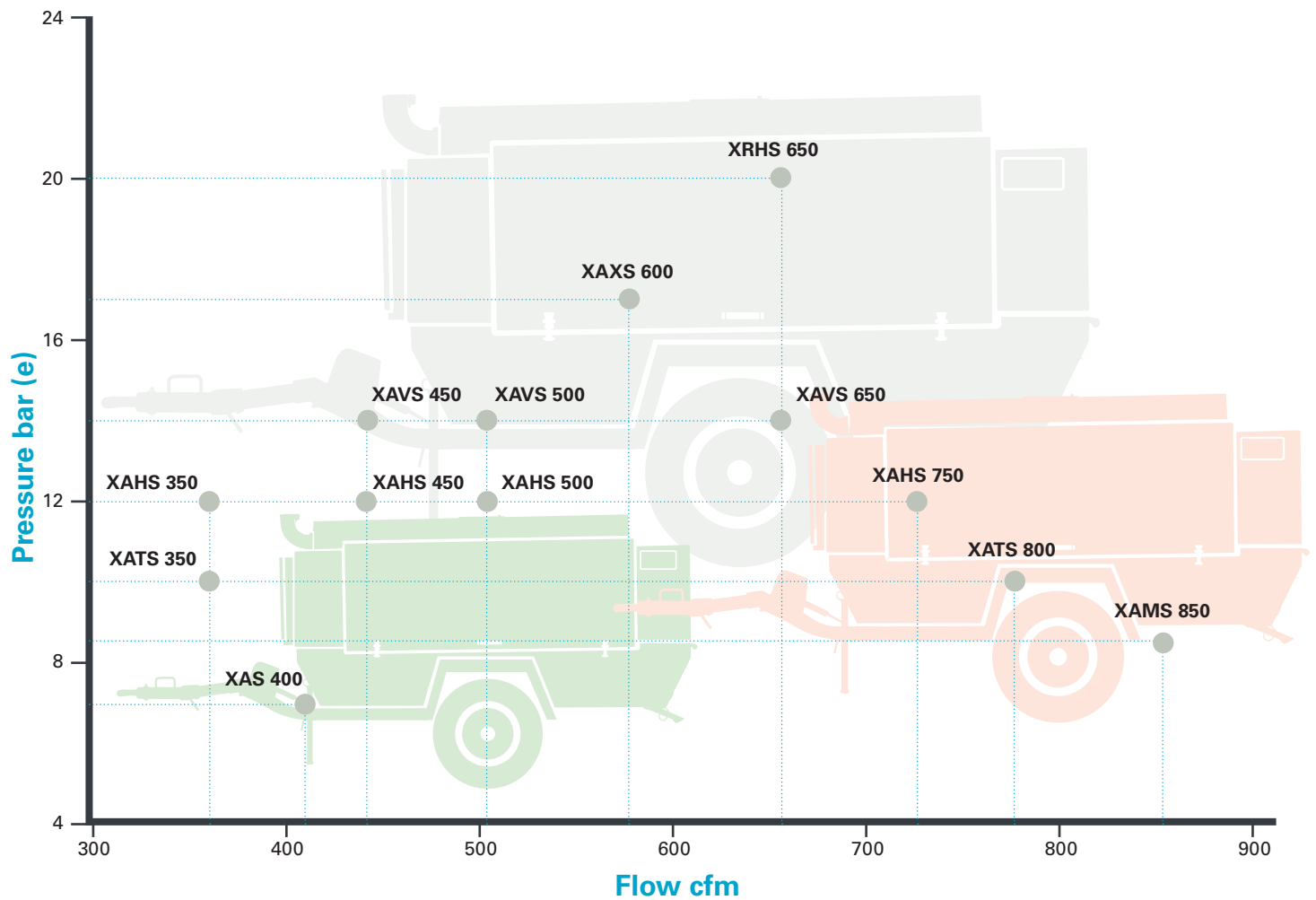


OPTIONS AVAILABLE

- Single axle
- Wagon
- Mounted support
- Skid
- Jockey wheel
- After-cooler
- Refinery kit
- Cold start kit

Plus many more. Please ask a representative for details.

Selection guide



Application matrix

	Pneumatic Tools	Dimensional Stone Quarry	Abrasive Blasting	Dry Ice Blasting	Blasting	Fiber-optic Cable Blowing	Blast Hole Drilling	Water Well Drilling	Directional drilling	Pipeline Services
XAS 400	•	•	•	•						
XATS 350	•		•							
XAHS 350			•			•				
XAHS 450			•		•	•				
XAVS 450		•					•			
XAHS 500			•		•					
XAVS 500		•					•			
XAMS 850	•	•	•							
XATS 800			•							
XAHS 750					•					•
XAVS 650		•					•			•
XAXS 600		•					•	•	•	
XRHS 650		•					•	•	•	

COMPRESSORS up to 410 CFM



TECHNICAL DATA

		XATS 350	XAHS 350	XATS 350	XAHS 350	XAS 400	XAS 400
Working pressure	bar (g)	10.3	12	10.3	12	7	7
	psi (g)	150	175	150	175	100	100
Free air delivery	cfm	360	360	360	360	410	410
	m³/min	10	10	10	10	12	12
	l/sec	166	166	166	166	191	191
Max. ambient temperature at sea level	°C	50	50	50	50	50	50
Min. starting temperature	°C	-10	-10	-10	-10	-10	-10
Min. starting temperature (cold start aid)	°C	-20	-20	-20	-20	-20	-20
Engine brand		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Tier		Tier 2	Tier 2	Tier 3	Tier 3	Tier 2	Tier 3
Engine model		4BTAA3.9-C125	4BTAA3.9-C125	QSB3.9-C130-31	QSB3.9-C130-31	4BTAA3.9-C125	QSB3.9-C130-31
Number of cylinders		4	4	4	4	4	4
Power output @ normal shaft speed	kW	93	93	93	93	93	93
Full load	rpm	2300	2300	2300	2300	2300	2300
Unload	rpm	1600	1600	1700	1700	1600	1700
Capacity							
Engine oil	l	10	10	10	10	10	10
Compressor oil	l	24	24	25	25	24	25
Fuel tank	l	175	175	175	175	175	175
Cooling system	l	8.3	8.3	20	20	8.3	20
Dimensions: box							
Length	mm	2458	2458	2458	2458	2458	2458
Width	mm	1350	1350	1350	1350	1350	1350
Height	mm	1525	1525	1525	1525	1525	1525
Weight	kg	1600	1600	1600	1600	1600	1600
Dimensions: undercarriage							
Length	mm	4120	4120	4120	4120	4120	4120
Width	mm	1890	1890	1890	1890	1890	1890
Height	mm	1991	1991	1991	1991	1991	1991
Weight	kg	1700	1700	1700	1700	1700	1700

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COMPRESSORS up to 500 CFM



TECHNICAL DATA

		XAVS 450	XAHS 450	XAVS 450	XAHS 450	XAVS 500	XAHS 500
Working pressure	bar (g)	14	12	14	12	14	12
	psi (g)	200	175	200	175	200	175
Free air delivery	cfm	441	441	441	441	504	504
	m³/min	13	13	13	13	14	14
	l/sec	208	208	208	208	238	238
Max. ambient temperature at sea level	°C	50	50	50	50	50	50
Min. starting temperature	°C	-10	-10	-10	-10	-10	-10
Min. starting temperature (cold start aid)	°C	-20	-20	-20	-20	-20	-20
Engine brand		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Tier		Tier 2	Tier 2	Tier 3	Tier 3	Tier 3	Tier 3
Engine model		6BTAA5.9-C180	6BTAA5.9-C180	QSB5.9-C180	QSB5.9-C180	QSB5.9-C210	QSB5.9-C210
Number of cylinders		6	6	6	6	6	6
Power output @ normal shaft speed	kW	132	132	132	132	152	152
Full load	rpm	2400	2400	2400	2400	2000	2000
Unload	rpm	1500	1500	1200	1200	1200	1200
Capacity							
Engine oil	l	16.3	16.3	14.2	14.2	14.2	14.2
Compressor oil	l	26.5	26.5	29	29	47	47
Fuel tank	l	185	185	185	185	185	185
Cooling system	l	26	26	30	30	31	31
Dimensions: box							
Length	mm	2800	2800	2800	2800	2923	2923
Width	mm	1400	1400	1400	1400	1400	1400
Height	mm	1600	1600	1600	1600	1600	1600
Weight	kg	1825	1825	1825	1825	2125	2125
Dimensions: undercarriage							
Length	mm	4140	4140	4140	4140	4230	4230
Width	mm	1940	1940	1940	1940	1940	1940
Height	mm	2141	2141	2141	2141	2141	2141
Weight	kg	2000	2000	2000	2000	2300	2300

COMPACT
SIZE



With maximum flow

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COMPRESSORS up to 850 CFM



TECHNICAL DATA

		XAXS 600	XAVS 650	XRHS 650	XAHS 750	XATS 800	XAMS 850
Working pressure	bar (g)	17	14	20	12	10.3	8.6
	psi (g)	250	200	300	175	150	125
Free air delivery	cfm	587	651	657	727	788	854
	m³/min	17	18	19	21	22	24
	l/sec	277	307	310	343	372	403
Max. ambient temperature at sea level	°C	50	50	50	50	50	50
Min. starting temperature	°C	-10	-10	-10	-10	-10	-10
Min. starting temperature (cold start aid)	°C	-25	-25	-25	-25	-25	-25
Engine brand		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Tier		Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3
Engine model		QSB6.7-C260	QSB6.7-C260	QSB6.7-C260	QSB6.7-C260	QSB6.7-C260	QSB6.7-C260
Number of cylinders		6	6	6	6	6	6
Power output @ normal shaft speed	kW	194	194	194	194	194	194
Full load	rpm	2000	2000	2000	2000	2000	2000
Unload	rpm	1300	1300	1300	1300	1300	1300
Capacity							
Engine oil	l	17.8	17.8	17.8	17.8	17.8	17.8
Compressor oil	l	60	60	60	60	60	60
Fuel tank	l	320	320	290	320	320	320
Cooling system	l	35.5	35.5	34	35.5	35.5	35.5
Dimensions: box							
Length	mm	3177	3177	3177	3177	3177	3177
Width	mm	1470	1470	1470	1470	1470	1470
Height	mm	1987	1987	1987	1987	1987	1987
Weight	kg	2500	2500	2800	2500	2500	2500
Dimensions: undercarriage							
Length	mm	4893	4893	4858	4893	4893	4893
Width	mm	2010	2010	2010	2010	2010	2010
Height	mm	2313	2313	2313	2313	2313	2313
Weight	kg	2800	2800	3000	2800	2800	2800

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Product Portfolio

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



GENERATORS

PORTABLE

- 1,6-13,9 kVA



MOBILE

- 9-1250* kVA



INDUSTRIAL

- 10-2250* 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



Diesel and electric options available

SMALL PORTABLE

- 210-2500 l/min



LIGHT TOWERS

LED



METAL HALIDE



ELECTRIC



Committed to sustainable productivity

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.

www.atlascopco.com

Atlas Copco