

Atlas Copco Portable Air compressors



XA(T,H,V)S 146-186

XA(S)146 to –186 have been specially designed for heavy duty working environments such as the renovation industry (sandblasting) and quarries. They can assist in installing fibre optic cables, or be combined with combinations of pneumatic tools such as rock drills, hammers, to name a few. High altitudes and extremely high and low ambient temperatures are not a problem. Four pressure variants make these units fit for almost any application.



Atlas Copco

Heavy duty performer.

The XA(T,H,V)S 146-186 range has been specifically designed to perform in the harshest of work environments, and has the reputation for reliability and efficiency. Whether working on renovation projects such as sandblasting, or powering hand held rockdrills in a quarry, the robust construction of these units can withstand rough treatment and ensure long lifetime and high reliability. The highly efficient screw element is paired with either a COM 2 (C2) or the latest COM 3 (C3) compliant diesel engine ensuring low operating costs and high resale value.

Because compressed air is used in such broad range of applications, a wide choice of options is available to satisfy almost any requirement. Atlas Copco's fully implemented Quality Management and Environmental Management systems in the design and manufacturing of these units fulfill the requirements of ISO 9001 and ISO 14001.

Products and services committed to your superior productivity through interaction and innovation.



Technical data

Compressor

Type		XAS		XATS		XAHS		XAVS
		186 C2	186 C3	156 C2	156 C3	146 C3	186 C3	166 C3
Normal effective working pressure	bar(e)	7	7	10.3	10.3	12	12	14
	psig	102	102	150	150	175	175	204
Actual free air delivery	l/s	185	185	166	166	141	175	158
guaranteed according	m ³ /min	11.1	11.1	10.0	10.0	8.5	10.5	9.5
to ISO1217 ed. 3 1996 annex D	cu.ft/min	392	392	352	352	299	371	335
Max. Sound power level*	dB(A)	99	99	99	99	99	99	99
Max. Sound pressure level at 7m	dB(A)	71	71	71	71	71	71	71
Oil capacity	l	24	24	24	24	24	24	24
Max. ambient temperature	°C	50	50	50	50	50	50	50

Engine

Deutz		BF4M	TCD	BF4M	TCD	TCD	TCD	TCD
		2012C	2012	2012C	2012	2012	2013	2013
Number of cylinders		4	4	4	4	4	4	4
Output at rated speed	kW	88	82	88	82	82	104	104
Engine speed (nominal)	rpm	2300	2300	2300	2300	2300	2200	2200
Engine speed (unloaded)	rpm	1700	1700	1700	1700	1700	1700	1700
Capacity oil system	l	8.5	8.5	8.5	8.5	8.5	10.5	10.5
Capacity cooling system	l	14	14	14	14	14	19	19
Capacity of fuel tank	l	175	175	175	175	175	175	175

Unit dimensions

Overall length adjustable/fixed towbar	mm	4356/3941	
Overall width	mm	1701	
Overall height	mm	1161	

*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

Weight

(ready to operate/full fuel tank)		Without brakes		With brakes	
		Fixed towbar	Fixed towbar	Fixed towbar	Adjustable towbar
XA(S) 186, XATS 156,	kg	1705		1800	1825
XAHS 146, XAVS 166	lbs	3759		3969	4024
XAHS 186	kg	N.A.		N.A.	1883
	lbs	N.A.		N.A.	4152

Outlets: 1 x 1½" and 3 x ¾"

Features

- Ready to operate with a full range of options
- Use in all weather conditions (-25°C to +50°C)
- Small overall dimensions & light weight
- Extended service and maintenance intervals
- COM 2 or COM 3 compliant engines available
- Cosmos™

Advantages

- Easily transported or moved on site
- Easy to operate
- Lowest total cost of ownership
- Rugged construction built to last

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Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.



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