

Atlas Copco Portable Air compressors

XA(T,H,V)S 106 -186

101 -185 l/s, 6.1 -11.1 m³/min, 215 - 392 cu.ft/min at 7 - 14 bar(e), 102 - 204 psig



Team-up for Total Solutions

Atlas Copco

Our commitment to your compressed air needs

XA(S)106 to -186 Dd 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, rammers, 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. One type can also be supplied with an optional generator that provides simultaneous power for fusion welding, light poles, heating of cabins and electric hand tools.

Designed to your individual needs

Atlas Copco listened to the sales force, and more importantly ... to you. We understood your requirements and reacted accordingly by designing exactly the air compressor you want: ensuring a **long lifetime, low operating cost and high resale value.**

We matched a **highly efficient** new screw element with rugged, turbocharged, liquid-cooled 4-cylinder Deutz diesel engines and built them into a sturdy canopy, which **withstand rough treatment** on all terrains. The modular concept of these Series 6 compressors allows you to add the options you need.

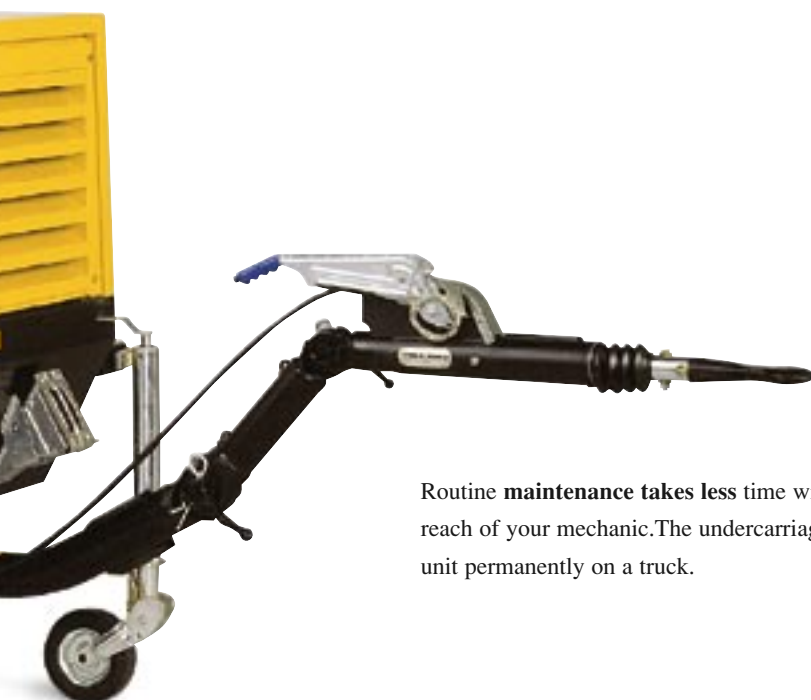
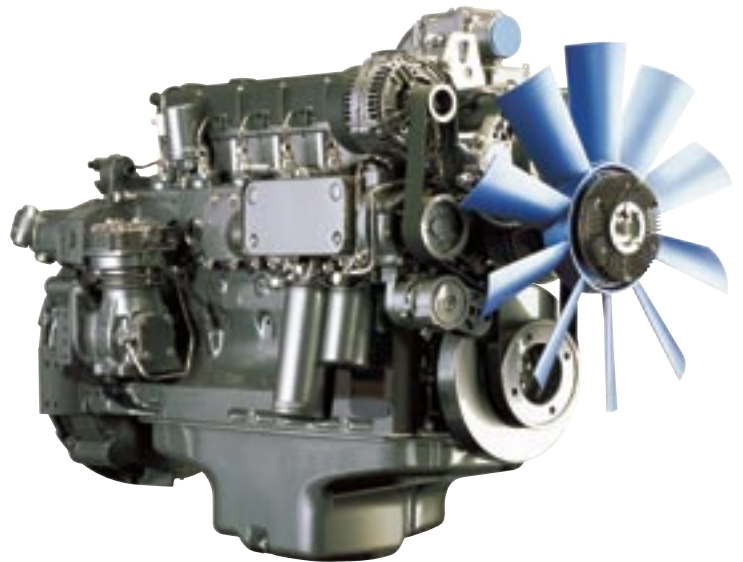
This flexibility makes it easier to have a machine built based on your specific application needs.





The compressor only delivers the amount of air you need and at a stable working pressure. Economical power consumption is assured by the fully automatic, stepless speed regulator that adapts engine speed to air demand. Hence, the high capacity fuel tank carries you through a full working shift. A highly efficient fuel filtration system is one of the assets of the Deutz engines.

The engine and compressor are heavily protected against dust and dirt particles in the intake air by a highly efficient filtration system consisting of two-stage air intake filters. A service indicator warns you when maintenance is due.



Routine **maintenance takes less** time with all replacement parts within easy reach of your mechanic. The undercarriage can easily be removed to mount the unit permanently on a truck.

A wide choice of options

Simultaneous electric and pneumatic power.



Quality air through the aftercooler, reheater and fine filters.

	XAS 126 ALTITUDE	XA(S) 136	XA(S) 136 DdG	XA(S) 186	XATS 116	XATS 156	XAHS 106	XAHS 146	XAHS 186	XAVS 136
EC vessel	○	○	○	○	○	○	○	○	○	○
Asme vessel	○	○	○	○	○	○	○	○	○	○
Adjustable towing bar with brakes	○	○	○	○	○	○	○	○	○	○
Fixed towing bar with brakes	○	○	○	○	○	○	○	○	—	○
Fixed towing bar without brakes	○	○	○	○	○	○	○	○	—	○
Support (without undercarriage) without towing bar	○	○	○	○	○	○	○	○	○	○
Leg towbar support	○	○	○	○	○	○	○	○	○	○
Jockey wheel towbar support	○	○	○	○	○	○	○	○	○	○
Road signalisation	○	○	○	○	○	○	○	○	○	○
After cooler + water separator	○	○	○	○	○	○	○	○	○	○
After cooler + water separator + fine filter	○	○	○	○	○	○	○	○	○	○
After cooler + water separator + fine filter + reheater	○	○	○	○	○	○	○	○	○	○
After cooler + water separator + reheater	○	○	○	○	○	○	○	○	○	○
Lubricator on 7 bar units	○	○	○	○	○	○	○	○	○	○
Generator 12 kVA-230/400 V - 50 Hz	—	—	○	—	—	—	—	—	—	—
Additional pressure gauge	○	○	○	○	○	○	○	○	●	○
Inlet filter safety cartridge	○	○	○	○	○	○	○	○	●	○
Spark arrestor refinery equipment	○	○	○	○	○	○	○	○	○	○
Inlet shut down valve refinery equipment	○	○	○	○	○	○	○	○	○	○
Cold start at -20°C (-4°F)	○	○	○	○	○	○	○	○	○	○
Customer colour	○	○	○	○	○	○	○	○	○	○

Standard ● Option ○ Not available —

Technical data

Compressor

Type		XAS 126 ALTITUDE	XA(S) 136	XA(S) 136 Ddg	XA(S) 186	XATS 116	XATS 156	XAHS 106	XAHS 146	XAHS 186	XAVS 136
Normal effective working pressure	bar(e)	7	7	7	7	10.3	10.3	12	12	12	14
	psig	102	102	102	102	150	150	175	175	175	204
Actual free air delivery guaranteed according to ISO 1217 ed. 3 1996 annex D	l/s	128	135	103	185	113	166	101	141	175	133
	m ³ /min	7.5	8.1	6.2	11.1	6.8	10	6.1	8.5	10.5	8
	cu.ft/min	275	290	220	392	240	352	215	299	371	282
Sound power level acc. 2000/14/EC	dB(A)	99	99	99	99	99	99	99	99	99	99
Sound pressure level at 7 m (indicative figures)	dB(A)	71	71	71	71	71	71	71	71	71	71
Oil capacity	l	14.5	14.5	14.5	24	14.5	24	14.5	24	24	24
	US gal	3.8	3.8	3.8	6.3	3.8	6.3	3.8	6.3	6.3	6.3

Generator

230/400V-50Hz

Electric power*	1 phase	kW/kVA	-	-	9.6/12	-	-	-	-	-	-
	3 phase	kW/kVA	-	-	9.6/12	-	-	-	-	-	-
Sockets	Schuko 1 phase	A	-	-	1x16	-	-	-	-	-	-
	CEE 3 phase	A	-	-	2x16	-	-	-	-	-	-

* complying with ISO 8528/8 – DIN 6280/10

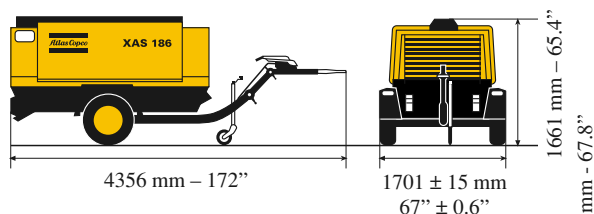
Engine

Deutz		BF4M 2011EMR*	BF4M 2011	BF4M 2011	BF4M 2012C	BF4M 2011	BF4M 2012C	BF4M 2011	BF4M 2012C	BF4M 1013EC	BF4M 2012C
Number of cylinders		4	4	4	4	4	4	4	4	4	4
Full load speed	r/min	2300	2300	2300	2300	2300	2300	2300	2300	2200	2300
Output at rated speed	kW	56.5	56.5	56.5	88	56.5	88	56.5	88	104	88
Capacity of fuel tank	l	175	175	175	175	175	175	175	175	175	175
	US gal	46.23	46.23	46.23	46.23	46.23	46.23	46.23	46.23	46.23	46.23

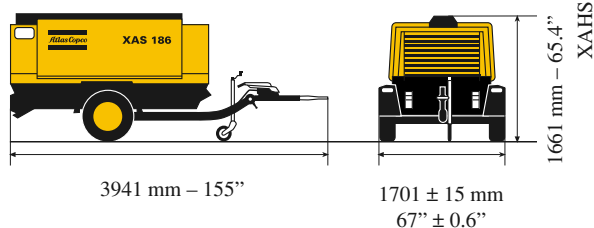
* Electronic Management Regulator for heights up to 5000m / 16404 ft

Unit dimensions

Adjustable towbar



Fixed towbar



Weight

(ready to operate/full fuel tank**)		Without brakes		With brakes	
		Fixed towbar	Fixed towbar	Adjustable towbar	Adjustable towbar
XAS 126 altitude, XA(S) 136,	kg	1515	1545	1585	1585
XATS 116, XAHS 106	lbs	3340	3406	3494	3494
XA(S) 136 DdG	kg	1585	1615	1655	1655
	lbs	3494	3560	3649	3649
XA(S) 186, XATS 156,	kg	1705	1800	1825	1825
	lbs	3759	3969	4024	4024
XAHS 186	kg	N.A.	N.A.	1883	1883
	lbs	N.A.	N.A.	4152	4152

Outlets: 1 x 1½" and 3 x ¾"

** with generator + 70 kg/154 lbs

Protect your investment... ...and for your peace of mind

Atlas Copco carefully monitors the maintenance needs of all its compressors. Service intervals are carefully assessed to ensure optimum performance is maintained and operating costs reduced. Proper maintenance will ensure your compressor runs as efficiently and economically as possible.

A lack of maintenance can result in expensive down-time with a subsequent loss of production or poor performance. Avoid risks and protect the asset value of your compressor by choosing one of the unique service options provided by Atlas Copco.

Our service options are flexible. Depending on your requirements, we can supply service kits or spare parts for in-house maintenance or factory service and maintenance packages tailored to user demands.

Genuine Parts

Atlas Copco makes no compromise on the quality of replacement parts: only genuine parts provide the longevity and reliability you demand. Selected high quality Atlas Copco compressor and engine oils are also available. These meet the stringent quality specifications required to enable your unit run smoothly, shift after shift.

Service agreements

For complete peace of mind, Atlas Copco has a range of service agreements to suit your needs. Maintenance budgets are clear and simple, with prices fixed in advance. Operational costs come down and efficiency goes up. You choose the service options and the time period to suit your needs.

Commitment

Atlas Copco employs two thousand factory trained service technicians in over 150 countries worldwide. Should a problem ever occur, access to their expertise is only a telephone call away. With years of experience and ongoing investment, we are the only major compressor manufacturer providing a full 2 year factory supported warranty.

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

