

Atlas Copco Portable air compressors

XAS 46-76

43 to 69 l/s (70 to 147 cu.ft/min) - 7 bar (102 psig)



Series 6

A completely new concept in portable air compressors

Series 6 - XAS46, XAS56, XAS66, XAS76 - is an innovative range of oil injected, rotary screw compressors. These single axle compressors are powered by a new Deutz diesel engine (2 or 3 cylinders) to provide reliable compressed air for pneumatic tools such as chipping hammers, jackhammers, nut runners, grinding tools, and rammers - or for sandblasting. An optional generator provides added power for fusion welding, light poles, heating of cabins, instrumentation and electric power tools.

The features you 've always wanted

For the Series 6, Atlas Copco involved end users and sales companies in the design from the very beginning. This attention to your needs resulted in the development of many new features, including a new compressor element, a new diesel engine, a unique canopy and a modular concept that allows you to add many options to suit your needs.

Meets legal safety and environmental requirements

The Series 6 compressors meet current and pending European Community legal requirements for the working environment; and regulations for safety, exhaust emissions, and noise.

Built and tested to ISO 9001 quality assurance standards

Atlas Copco's stringent manufacturing standards - which follow the ISO 9001 regulations for quality assurance - produce compressors that are made and tested to perform in the most demand-ing conditions.

Atlas Copco - the world leader in portable air compressors

Atlas Copco supplies one out of every three portable air compressors in the world. This remarkable sales record is the result of years of technological leadership in compressed air. We strive to fulfill your highest expectations in quality, performance, reliability and service.

With our advanced research and development, the world's largest dedicated compressor manufacturing plant, and proven applications around the world, Atlas Copco is the complete answer to all your compressed air needs.

You'll find Atlas Copco representatives nearby who are ready to help you. Our extensive global service and dealer network provides local customer support around the world for sales, training and service.



The low decibel rating makes the Series 6 perfect for quiet operation near hospitals and schools, in residential areas, and even at night.

Series 6

Everything you

The single, high performance, two-stage air intake filter prevents dust and dirt particles from entering the engine and the compressor. A service indicator on the filter tells you when it needs replacement or maintenance.

All the controls are grouped on a single panel near the outlet valves, and covered by a plastic cover for easy monitoring, safety and foolproof operation.

Low rotor speed, and few moving parts. The efficient engineering design of the compressor helps minimize wear, ensuring reliability second to none and a long working life.

You can easily remove the undercarriage for permanent mounting on a lorry.

A timing belt drive has been chosen over a fixed coupling for better longevity and no repairs.

A high capacity fuel tank carries you through a full shift and assures maximum productivity.

A fully automatic stepless speed regulator constantly adapts the engine speed to the air demand. You can count on economical power consumption, low fuel consumption, and continuous air flow at stable pressure.



asked for in compressed air power

The canopy doors open diagonally with the help of pneumatic springs to give you easy access to the machinery. With the doors up and out of the way, you can perform routine maintenance in less time.



Efficient noise dampening

All units comply fully with the legal requirements for noise regulations.



The XAS46 and -56 are so light, they don't need brakes when being towed.

Series 6

Choose the option you need

Type:	Euro Asme
Towing bar:	Adjustable with brakes (A1) Adjustable without brakes Fixed with brakes (A2) Fixed without brakes (A3) Support (without undercarriage)
Towing eyes:	Atlas Copco DIN Ball Italian GB 50 mm NATO
Towbar support:	Leg Jockey wheel
Road signalisation:(B)	Full Semi
Air quality equipment::	Aftercooler + water separator (C) Aftercooler + water separator + PD/QD fine filters Aftercooler + water separator + PD/QD + reheater Aftercooler + water separator + reheater Simplified reheater Lubricator (D)
Generator: (E)	110 V 230/400 V
Tool box*:	Single Twin (F) (XAS66, -76)
Safety:	Wheel chocks Safety cartridge Refinery equipment: - spark arrestor - inlet shutdown valve
Cold start:	-20°C (-4°F)
Hose reel	
Customer colour:	single double triple
*if no generator installed	



- (A) The Series 6 compressors meet world-wide safety regulations, and are available with overrun and parking brakes.
- (B) They can also be provided with reflectors and lights to keep them visible from dusk until dawn.
- (C) Quality air through the aftercooler and water separator.
- (D) A genuine Atlas Copco lubricator will keep your pneumatic tools in top working condition.
- (E) Simultaneous pneumatic and electric power.
- (F) There is room for up to two jackhammers inside the lockable canopy.

Series 6

Principal data

Compressor

Type		XAS46	XAS46 DdG	XAS56	XAS66	XAS66 DdG	XAS76
Normal effective working pressure	bar	7	7	7	7	7	7
	psig	102	102	102	102	102	102
Actual free air delivery guaranteed according to ISO1217	l/s	43	33	50	61	56	69
	m ³ /min	2.6	2	3	3.7	3.4	4.1
ed.3 1996 annex D	cu.ft/min	91	70	106	130	120	147
Sound power: acc. 2000/14 EC	dB(A)	100	100	100	100	100	99
Sound pressure level acc. ISO2151 from 7m	dB(A)	72	72	72	72	72	71
Oil capacity	l	8	8	8	8	8	8
	gal	2.1	2.1	2.1	2.1	2.1	2.1

Generator

			50 Hz				50 Hz			
			110V ¹⁾		230/400V ²⁾		110V ¹⁾		230/400V ²⁾	
Electric power	1 ph	kW/kVA	–	4.4/4.4	4/4	–	–	4.4/4.4	4/4	–
	3 ph	kW/kVA	–	–	5.2/6.5	–	–	–	5.2/6.5	–
Sockets	CEE 1 ph	A	–	2x16+1x32	–	–	–	2x16+1x32	–	–
	CEE 3 ph	A	–	–	1 x 16	–	–	–	1 x 16	–
	Schuko 1 ph	A	–	–	2 x 16	–	–	–	2 x 16	–

¹⁾ complying with British Gas Spec. TIN 12

²⁾ complying with ISO 8528/8 - DIN 6280/10

Engine

Type - model	Deutz	F2M2011	F2M2011	F2M2011	F3M1011F	F3M1011F	F3M1011F
Number of cylinders		2	2	2	3	3	3
Full load speed	r/min	2400	2750	2750	2400	2700	2400
Output at rated speed	kW	21.6	23.3	23.3	30.3	33.2	30.3
Capacity of fuel tank	l	40	40	40	58	58	73
	gal	10.6	10.6	10.6	15.3	15.3	19.3

Unit dimensions

		XAS 46-56				XAS 66				XAS 76		
		without brakes		with brakes		without brakes		with brakes		without brakes		with brakes
towbar :		fixed	adjustable	fixed	adjustable	fixed	adjustable	fixed	adjustable	fixed	fixed	adjustable
Length	mm	2837	3256	2915	3334	2987	3406	3065	3484	3025	3078	3497
	inch	112	128	115	131	118	134	121	137	119	121	138
Width	mm	1300	1300	1300	1300	1350	1350	1350	1350	1350	1350	1350
	inch	51	51	51	51	53	53	53	53	53	53	53
Height	mm	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273
	inch	50	50	50	50	50	50	50	50	50	50	50
Weight (ready-to-operate)*	kg	702	712	731	748	787	797	819	835	880	910	930
	lbs	1548	1570	1612	1649	1735	1757	1806	1841	1940	2006	2050

* 110V: +35 kg /77 lbs – 230/400V: +42kg / 93 lbs



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

