

Atlas Copco Portable Air compressors

Rugged, durable and built to last



XAHS 900 CD6
XAHS 1150 CD6
XAVS 830 CD6

Atlas Copco is the leading manufacturer of portable compressed air machines in the world. Used in a wide variety of industries, Atlas Copco has developed a set of machines that successfully walk the line between size, output and capacity.

There is a worldwide need for drilling, as the demand for virtually all raw materials remains strong. The rugged frame structure of this series makes them ideal for heavy duty drilling. Quarry work – where shallow depth holes are required to lay blast charges needs machines that are able to withstand wear and tear, and be at home in harsh environments. This series is also ideal for shallow water well drilling – they are easily mounted on small wagons and can be towed and transported using a 4x4 or a small truck.



Atlas Copco

For drilling in the toughest of conditions

Atlas Copco machines are designed to work in difficult conditions – from 14°F to 122°F. An optimum mix between cooling air flow, size of coolers and cooler types contribute to optimal work in warm climates and avoid overheating in dusty environments.

Total cost of ownership through lower fuel consumption and longer machine life are priorities for all our machines. With the help of FuelXpert™ – the completely new and unique fuel saving system, that electronically regulates the engine speed and the air inlet valve to optimise fuel consumption. This is a highly reliable and safe machine

Above all though, Atlas Copco compressors are built for reliability and simple easy maintenance, and many years of loyal and trouble free service.



Technical data

Type		XAHS 900 CD6	XAHS 1150 CD6	XAVS 830 CD6
Normal effective working pressure	psi	174	174	203
	bar(e)	12	12	14
Actual free air delivery*	cfm	885	1103	805
	m ³ /min	25.1	31.3	22.8
	l/sec	418	521	380
Oil capacity compressor system	US gal	16	21	16
Content fuel tank (standard)	US gal	142	210	142
Air outlet valve		1x2 1/2"	1x2 1/2"	1x2 1/2"

Engine Caterpillar

Type		C9 ACERT T3	C13 ACERT T3	C9 ACERT T3
Output	HP	305	432	305
	kW	224	318	224
Engine speed (nominal)	rpm	1800	1600	1800
Engine speed (unloaded)	rpm	1300	1200	1300

Unit dimensions (overall)

Length (wagon, towbar raised)	inch	192.9	192.9	192.9
Length (tandem)	inch	222.4	222.4	222.4
Length (skid, support mounted)	inch	159.5	159.5	159.5
Width	inch	84.7	84.7	84.7
Height (wagon, tandem)	inch	98.4	98.4	98.4
Height (support)	inch	88.6	88.6	88.6
Height (skid)	inch	94.9	94.9	94.9

Weight (without fuel)

Wagon	lbs	12368	13228	12368
Support mounted (option big fuel tank)	lbs	10946/11233	12655/12346	10946/11233
Skid (option big fuel tank)	lbs	11519/11806	12632/12919	11519/11806

Sound level

Sound power level (LWA)**	dB(A)	100	100	100
Sound pressure level (LPA) at 23 ft acc. to ISO 2151	dB(A)	72	72	72

*according to ISO1217 ed.3 1996 annex D

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

Features

- Safety features as pressure displays, emergency stop and spill free frame
- FuelXpert™ for optimised fuel consumption
- Oiltronix™ for longer lasting components
- Rugged and durable frame
- Wagon mounted
- Large fuel tank capacity from 142 up to 210 US gal
- Best for use in all weather conditions (-13°F to +122°F)
- Optimum mix between cooling air flow and size of coolers
- Cosmos™

Advantages

- Operator and environmental safe
- Lowest total cost of ownership
- Best fuel consumption in class
- Portable and easy to transport
- Extra long working life
- Best fuel autonomy for complete working shift

Atlas Copco

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



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