

# Atlas Copco Portable air compressors



**XAMS 850** CD7  
**XATS 800** CD7  
**XAHS 710** CD7  
**XAVS 650** CD7

## The next big thing is small

Atlas Copco is the leading manufacturer of portable compressed air machines in the world, and through constant research and technology, superior products are developed. The combination of performance, reliability, economy and convenience has resulted in an innovative range of single axle high capacity air compressors used in a variety of industries.



*Atlas Copco*



# Technical Specifications

## The next big thing is small

Our constant search for innovation and our commitment to your needs has resulted in a superior product providing the utmost in performance, reliability, economy and versatility.

As sandblasting and drilling have become principal cornerstones of their work, priority was not only given to performance and reliability, but also to improvement of mobility and maneuverability. Smaller and lighter means the operator can move to the next work point easier and faster, without the need for supplemental moving equipment.

Total cost of ownership through lower fuel consumption can be realized with the help of FuelXpert™.

Above all, Atlas Copco compressors are built for reliability and easily maintained, providing many years of trouble free performance.

### Features

- Small dimensions, light weight
- Single axle mounted
- Low noise output
- FuelXpert™ for optimized fuel consumption
- Full shift fuel tank
- Single side service points
- Full length service doors
- Centralized fluid drains
- Electronic multi-function controller

### Advantages

- Lowest total cost of ownership
- Easy to transport
- Easy to maneuver at worksite
- Ideal for urban use
- Operator and environmental safe
- Comprehensive monitoring
- Best fuel economy in class

**Danger:** Compressed air should never be supplied as breathing air unless air is properly purified for breathing. Atlas Copco assumes no responsibility or liability related to the purchaser's/user's breathing air system.

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

Model Compressor	XAMS 850 CD7	XATS 800 CD7	XAHS 710 CD7	XAVS 650 CD7
Normal effective working pressure	125 PSI 8.6 Bar	150 PSI 10.3 Bar	175 PSI 12 Bar	204 PSI 14 Bar
Actual free air delivery*	848 cfm 400 l/sec 24.0 m³/min	774 cfm 365 l/sec 21.9 m³/min	719 cfm 339 l/sec 20.4 m³/min	657 cfm 310 l/sec 18.6 m³/min
Oil capacity	8.2 gal. 31 L	8.2 gal. 31 L	8.2 gal. 31 L	8.2 gal. 31 L
Max. ambient temperature	122 °F 50 °C	122 °F 50 °C	122 °F 50 °C	122 °F 50 °C

Engine Caterpillar				
Type	Caterpillar C7 ACERT T3			
Number of cylinders	6	6	6	6
Output at rated speed	250 BHP 186 kW	250 BHP 186 kW	250 BHP 186 kW	250 BHP 186 kW
Swept volume	1.9 gal. 7.2 L	1.9 gal. 7.2 L	1.9 gal. 7.2 L	1.9 gal. 7.2 L
Engine speed (nominal)	2,000 rpm	2,000 rpm	2,000 rpm	2,000 rpm
Engine speed (unloaded)	1,300 rpm	1,300 rpm	1,300 rpm	1,300 rpm
Capacity oil system	5.8 gal. 22 L	5.8 gal. 22 L	5.8 gal. 22 L	5.8 gal. 22 L
Capacity cooling system	12.4 gal. 47 L	12.4 gal. 47 L	12.4 gal. 47 L	12.4 gal. 47 L
Capacity fuel tank***	73 gal. 275 L	73 gal. 275 L	73 gal. 275 L	73 gal. 275 L

Unit dimensions (overall)	Fixed towbar	Adjustable towbar
Length	199.8 in. 5.074 m	200 in. / 216.9 in. 5.070 m / 5.508 m
Width	78.3 in. 1.988 m	78.3 in. 1.988 m
Height	82.4 in. 2.092 m	82.4 in. 2.094 m

Weight (ready-to-operate)	
with undercarriage	7,250 lbs. 3296 Kg

Sound Level				
Sound power level (LWA)**	100 dB(A)	100 dB(A)	100 dB(A)	100 dB(A)
Sound pressure level (LPA) at 23 ft. (7m) acc. to ISO 2151	76 dB(A)	76 dB(A)	76 dB(A)	76 dB(A)

\*according to ISO 1217 ed.3 1996 annex D  
 \*\*complies with 2000/14/BC, 84/533/ECC and 85/406/EEC limits  
 \*\*\*additional fuel tank option 80L (21 gal.)



### U.S. Sales/Distribution Center

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