

# Atlas Copco Portable air compressors

Highest volume of air at the lowest overall cost



## XAS 1600 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.

For applications requiring very high volume air at medium pressure this is the best portable machine. Booster manufacturers are using them as versatile sources of compressed air taking advantage of their three cfm/psi settings, making them must have units for the rental industry.



*Atlas Copco*



## For major sandblasting and a variety of rental use

Sandblasting has become one of the corner stones of their work, as more and more renovation and building work requires reconditioned surfaces for final finishing. The removal of moisture in supply air is key to maximizing performance. Optional high efficient after-cooler and water separator are available to get the job done right. As rental companies are growing stronger, this compressor is designed with a minimal footprint to save on transport and with stocking costs while benefiting from the highest air volume and the lowest fuel consumption.

Total cost of ownership reduced with lower fuel consumption and longer machine life is a priority for all our machines. First and foremost 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 optimize fuel consumption.

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

### Features

- Safety features such as pressure displays, emergency stop and spillage free frame
- FuelXpert™ for optimized fuel consumption
- Best for use in all weather conditions -13°F (-25°C) to 122°F (+50°C)
- Fast speed tandem or wagon trailer
- Truck or skid mounted version
- External fuel filling with quick couplings for extra long fuel efficiency
- Cosmos™

### Advantages

- Operator and environmental safe
- Lowest total cost of ownership
- Lowest fuel consumption in class
- Smallest footprint, lowest weight ratio
- Servicability
- Best fuel efficiency for complete working shift

**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.

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# Technical Specifications

Model Compressor		XAS 1600 CD6	
Normal effective working pressure	100 PSI	125 PSI	150 PSI
	7 Bar	8.6 Bar	10.3 Bar
Actual free air delivery*	1600 cfm	1500 cfm	1370 cfm
	753 l/sec	709 l/sec	645 l/sec
	45.2 m³/min	42.5 m³/min	38.7 m³/min
Oil capacity compressor system		22.5 gal.	
		85 L	
Content fuel tank (standard)		244 gal.	
		923 L	
Content fuel tank (tandem)		142 gal.	
		538 L	
Air outlet valve		1x2 1/2"	
Engine Caterpillar			
Type		C13 ACERT T3	
Output		440 BHP	
		328 kW	
Engine speed (nominal)		1900 rpm	
Engine speed (unloaded)		1200 rpm	
Unit dimensions (overall)			
Length (wagon, towbar raised)		193 in.	
		4.9 m	
Length (tandem)		222 in.	
		5.65 m	
Length (skid, support mounted)		159 in.	
		4.05 m	
Width		83 in.	
		2.1 m	
Height (wagon, tandem)		98 in.	
		2.5 m	
Height (support)		89 in.	
		2.25 m	
Height (skid)		95 in.	
		2.41 m	
Weight (without fuel)			
Wagon		12,346 lbs.	
		5,600 kg	
Tandem		13,555 lbs.	
		6,148 kg	
Support mounted (option big fueltank)		12,831 lbs.	
		5,820 kg	
Skid (option big fueltank)		11,354 lbs.	
		5,150 kg	
Sound Level			
Sound power level (LWA)**		<104 dB(A)	
Sound pressure level (LPA)			
at 23 ft. [7m] acc. to ISO 2151		<76 dB(A)	

\*according to ISO1217 ed.3 1996 annex D

\*\*complies with 2000/14/BC, 84/533/ECC and 85/406/EEC limits



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