

Atlas Copco Portable Air compressors

Highest volume of air at the lowest overall cost



XAS 746

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 source air compressor and they have become a must have machine for rental companies.



Sustainable Productivity

Atlas Copco

For major sandblasting and variety 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 strongly, this compressor is designed to a minimum footprint to save on transport and stocking costs and meanwhile benefit from the highest air volume at the lowest fuel consumption.

Total cost of ownership through lower fuel consumption and longer machine life priorities 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 optimise fuel consumption.

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

Features

- Safety features such as pressure displays , emergency stop and spillage free frame
- FuelXpert™ for optimised fuel consumption
- Best for use in all weather conditions (-25°C to +50°C)
- Fast speed tandem or wagon trailer (with/without ABS)
- Large fuel tank capacity from 538 up to 796 litres
- Truck or skid mounted version (with optional 1500 l fuel tank)
- External fuel filling with quick couplings for extra long autonomy
- Cosmos™

Advantages

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



Technical data

Type	XAS 746			
Normal effective working pressure	bar(e)	7	8.6	10.3
	psi	100	125	150
Actual free air delivery*	l/sec	753	709	645
	cfm	1600	1500	1370
	m³/min	45.2	42.5	38.7
Oil capacity compressor system	l	85		
Content fuel tank (Wagon)	l	780		
Content fuel tank (Tandem)	l	530		
Content fuel tank (Support, skid) with large fuel tank option	l	1385		
Air outlet valve	1 x 2 1/2"			

Engine Caterpillar

Type		C13 ACERT T3
Output**	kW	328
Engine speed (nominal)	rpm	1900
Engine speed (unloaded)	rpm	1200

Unit dimensions (L x W x H)

Wagon, towbar raised	m	4.9 x 2.1 x 2.5
Tandem	m	5.65 x 2.1 x 2.25
Support, skid	m	4.05 x 2.1 x 2.41

Weight (without fuel)

Wagon	kg	5600
Tandem	kg	5820
Support	kg	5150

Sound level

Sound power level (LWA)	dB(A)	<104
Sound pressure level (LPA) at 7m acc. to ISO 2151	dB(A)	<76

* according to ISO1217 ed.3 1996 annex D

** 354 kW for European (CE) models