

Atlas Copco Portable Air Compressors

Highest volume of air at the lowest overall cost



XAS 1800 JD iT4

Atlas Copco is a leading manufacturer of portable air compressors in the world. Atlas Copco has developed air compressors that successfully walk the line between size, output and capacity and are designed for a wide variety of applications.

For applications requiring a very high volume of air at medium pressure, the XAS 1800 is the best choice.

Atlas Copco air compressors have become the must have machine for rental companies.



Tier⁺4 Interim

Compliant with the new EPA emission regulations of 2011

Sustainable Productivity

Atlas Copco

For sandblasting and a wide variety of rental uses

Sandblasting has become one of the corner stones of portable air compressors, as more and more renovation and construction require conditioned surfaces for final finishing. The removal of moisture in supply air is key to maximizing performance. The optional, highly efficient after-cooler and water separator are offered to complete the job efficiently. Our after-cooler reduces the compressed air outlet temperature to 25 °F over ambient. The unique Atlas Copco filters remove oil aerosol content to 0.01mg/m³ and particles down to 0.01micron at the industries' lowest pressure drop . Atlas Copco's innovative filtration solutions are engineered to cost effectively provide the best quality air and meet today's increasing quality demands.

We designed the XAS 1800 with a small footprint to save on transport cost while providing a high volume of air at the lowest fuel consumption.

Total cost of ownership through low fuel consumption and long machine life is a priority for all our air compressors.

With the help of the optional FuelXpert, our unique fuel saving system, the engine speed and air inlet valve are electronically regulated 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 optional spillage free frame
- Best for use in all weather conditions (-14 °F with optional Arctic package to +122 °F)
- High speed tandem axle with electronic brakes (standard)
- Large 240 gallon fuel tank (with tandem axles)
- External fuel filling with quick connect couplings for extended running

Advantages

- Operator and environmentally safe
- Lower total cost of ownership
- Lower fuel consumption in class
- Smaller footprint, lower weight ratio
- Improved Servicability
- Better fuel autonomy for complete working shift

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Technical data

Type	XAS 1800 JD iT4		
Normal effective working pressure	psi	100	150
	bar	7	10
Maximum unloading working pressure	psi	164	
	bar	11.3	
Actual free air delivery	cfm	1800	1600
	l/sec	849	755
Oil Capacity	US gal.	22.5	
	Liter	85.1	
Engine - John Deere			
Model number	6135HFC95		
Engine Emissions	iT4		
Cooling system	PARCOOL EG		
Number of cylinders	6		
Capacity of oil sump	US gal.	19	
	Liter	72	
Capacity of fuel tank - tandem axle	US gal.	240	
	Liter	908	
Capacity of fuel tank - skid mounted	US gal.	557	
	Liter	2108	
Engine speed (maximum loaded)	rpm	2100	
Engine speed (unloaded)	rpm	1300	
Horsepower	HP	525	
Unit dimensions (L x W x H)			
Trailer mounted	inch	235 x 88 x 101	
	m	5.97 x 2.24 x 2.57	
Support mounted	inch	185 x 88 x 90	
	m	4.70 x 2.24 x 2.29	
Weight			
Trailer mounted - Wet	lbs	18300	
	kg	8300	
Support mounted - Wet	lbs	15300	
	kg	6940	