

# Atlas Copco Portable Air compressors

## Heavy duty drilling in all conditions



**XRS 396**  
**XRHS 366**  
**XRHS 506**

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.

The demand for drilling equipment continues to rise. This series is particularly adapted for deep water well drilling under harsh conditions. The frame is rugged and built to last, and the machine is designed for continuous duty. It is perfect for building sites: both in helping lay the foundations of buildings, and ground consolidation. Also for pipeline cleaning, it is the ideal machine, thanks to its ability to vary between lower and higher-pressure outputs.



**Atlas Copco**



### For a wide range of drilling activities

Atlas Copco has a full range of air compressors to meet the most demanding of work. Each is designed to work in extremely harsh conditions – from -10°C to +50°C, and for even colder conditions – down to -25°C, a pre-heater option is available for the engine.

Safety is paramount for all Atlas Copco equipment. It's safe for the operator and those around the machines when they are in use (reduced noise levels, air release valves, emergency stops); safety is vital while they are in transit (towing, loading and lifting); and safety is priority when it comes to the environment (best fuel consumption, long lasting parts).

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		XRS 396	XRHS 366	XRHS 506
Normal effective working pressure	bar(e)	17	20	20
	psi	246	290	290
Actual free air delivery*	l/sec	392	370	500
	cfm	830	784	1059
	m <sup>3</sup> /min	23.5	22.2	30
Oil capacity compressor system	l	75	75	75
Content fuel tank (standard)	l	538	538	796
Air outlet valve		1x2"	1x2"	1x2"

### Engine Caterpillar

Type		C9 ACERT <sup>1)</sup>	C9 ACERT <sup>1)</sup>	C13 ACERT <sup>1)</sup>
Output	kW	224	224	318
Engine speed (nominal)	rpm	1800	1800	1600
Engine speed (unloaded)	rpm	1300	1300	1200

### Unit dimensions (overall)

	m	4,9	4,9	4,9
Length (wagon, towbar raised)	m	5,65	5,65	5,65
Length (tandem)	m	4,05	4,05	4,05
Length (skid, support mounted)	m	2,15	2,15	2,15
Width	m	2,50	2,50	2,50
Height (wagon, tandem)	m	2,25	2,25	2,25
Height (support)	m	2,41	2,41	2,41
Height (skid)	m			

### Weight (dry)

	kg	5770	5770	6150
Wagon	kg	5120/5250	5120/5250	5620/5750
Support mounted (option big fuel tank)	kg	5380/5510	5380/5510	5880/6010
Skid (option big fuel tank)	kg			

### Sound level

	dB(A)	100	100	100
Sound power level (LWA)**	dB(A)	72	72	72
Sound pressure level (LPA) at 7m acc. to ISO 2151	dB(A)			

\*according to ISO1217 ed.3 1996 annex D

\*\*complies with 2000/14/EC, 84/53/EEC 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
- Dual pressure system - variation of output and flow between lower and higher pressure limits
- Ready to operate with a full range of options for all operating conditions
- Best for use in all weather conditions (-25°C to +50°C)
- Fast speed tandem or wagon trailer
- Truck or skid mounted version
- Cosmos™

### Advantages

- Operator and environmentally safe
- Lowest total cost of ownership
- Best fuel consumption in class
- Rugged frame built to last
- Higher capacity drilling with dual pressure system
- Best fuel autonomy for complete working shift

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



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