

Atlas Copco Portable air compressor

XASE Gd

7-10.3 bar(e) (100-150 psig) / 670-745 l/s (40.2-44.7 m³/min, 1420-1580 cu.ft/min)



Atlas Copco

Reliable and flexible air power for heavy-duty operations

XASE 745 Gd is an oil-injected rotary screw compressor that delivers from 745 l/s (44.7 m³/min) of compressed air at a pressure of 7 bar(e) to 670 l/s (40.2 m³/min) at 10.3 bar(e). Use it for heavy-duty operation in the renovation industry (sand blasting), in quarries, and to supply considerable amounts of utility air (for example, in air separation processes).

Your choice for quality and safety

All machines meet legal requirements for the working environment and regulations for safety. They are built and tested to Atlas Copco's stringent manufacturing standards - which follow ISO 9001 regulations for quality assurance. Atlas Copco works with customers to make sure the design and performance of the XASE745 compressors meet and exceed their quality expectations.

ISO 14001: A measurable environmental commitment

Atlas Copco has fully implemented its Environmental Management System into the design and manufacture of this machine, fulfilling the requirements of the ISO 14001 standard.

Economical air power and reliable performance, shift after shift

The compressor is powered by the renowned Detroit Diesel DDC-S60 with the DDEC III electronic control system, offering a very low specific fuel consumption. As standard, each unit is equipped with a fuel cooler to minimise power losses - and help ensure the maximum economy.

Setting the standard for clean and quiet air power

Besides providing outstanding power, the XASE745 meets the current regulations for low exhaust emissions. The engine fully complies with EC-Stage I. In addition, the standard unit comes as a silenced version that has a sound power level below 104 dB(A).

Economical power at all pressure settings

The unique regulating system ensures that all pressure settings achieve the maximum available engine power. The chosen working pressure, which is manually adjustable between 7 and 10.3 bar by means of the regulating valve, is transmitted to the Electronic Control Module (ECM) of the engine. The ECM makes sure that the engine adjusts itself to the right power setting. This results in optimal power utilisation and remarkable fuel economy.



Easy towing and manoeuvring

The standard units come fitted on a four-wheel tandem undercarriage, with overrun brakes and a mechanical parking brake for utmost safety.

The small turning circle allows for easy manoeuvring, even off road. The unit has a lifting eye for easy hoisting.

Easy maintenance and supervision

Six wide doors give access to the machine for easy maintenance. Flashing lights warn the operator when the fuel level is too low, or when the engine or the compressor air inlet filters need to be serviced.

A highly efficient fuel filter with water separator and fuel primer are standard features.

An initial Service Pak for the 200 hour service of the unit - with genuine Atlas Copco parts - is delivered as standard with the machine. A 1000 hour Service Pak is also available as an option.

As standard, a fault and memory module is built in. This saves time in facilitating service operations by telling the operator historical data about the functioning of the unit.



A complete, easy-to-read instrument panel near the regulating and outlet valves allows for supervision at a glance. It shows the engine rpm, running hours, coolant temperature, oil pressure, and the unit's fuel level and compressor working pressure.

Centralised external drains for the engine/compressor oil, and the coolant, ensure easy replacement.

As standard, each machine comes with a handy and spacious toolbox inside the lockable canopy.



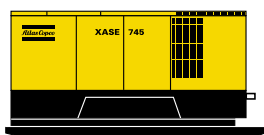
Options

These options are as standard available and can be mounted at the factory upon request:

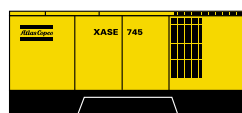
- Aftercooler and water separator for application requiring quality air.
- Cold start system: allows for easy starting at temperatures of -25°C.
- Customer colours (in RAL-code only).



With undercarriage



On skid



Without undercarriage



The face of innovation

Principal data

Compressor

Normal effective working pressure	bar(e)	7	8.6	10.3
	psig	102	125	150
Free air delivery* according to ISO 1217 ed. 3 1996 annex D	l/s	745	730	670
	m ³ /min	44.7	43.8	40.2
	cu.ft/min	1580	1547	1420
Cooling system compressor			Oil	
Capacity of cooling system	l	98	98	98
	US gal	25.9	25.9	25.9
Number of compression stages		1	1	1

Engine

Make and type	Detroit Diesel Series 60 DDEC			
Cooling system	Liquid			
Displacement	l	12.7	12.7	12.7
	cu.inch	774	774	774
Rated output at 2100 r/min acc. to DIN 6270	kW	336	336	336
	hp	450	450	450
Rated speed, max	r/min	1950	1950	1840
Capacity of oil sump	l	30	30	30
	US gal	8	8	8
Voltage	V	24	24	24

Unit

Air receiver type	ASME/JBA and EC			
Capacity of air receiver	l	273	273	273
	cu.ft	9.5	9.5	9.5
Sound power level acc. to 84/533 and 85/406 EEC limits	dB(A)	<104	<104	<104
Air outlet valves	1 x 3" and 1 x 1"			
Capacity of fuel tank	l	800	800	800
	US gal	211	211	211

* At full load, max. speed and normal working pressure (7 bar, 102 psi), at the following inlet conditions:
 - absolute inlet pressure = 1 bar (14.5 psi)
 - inlet temperature 20°C (68°F)

Dimensions and weight



overall length	mm/inch	5854/228	4820/188	48201/188
overall width	mm/inch	2110/82	2110/82	2110/82
overall height	mm/inch	2452/96	2313/90	1978/78
weight dry	kg/lbs	6025/13285	5975/13175	5825/12844
weight wet	kg/lbs	6835/15071	6785/14961	6635/14630

Why you can trust compressors from Atlas Copco

It takes more than the right specifications and the right price to ensure that you always have reliable, trouble-free compressed air. It also takes the expertise of Atlas Copco, one of the largest companies in the world specializing in compressed air equipment.

Building relationships for long-term success

Whatever the application, Atlas Copco's commitment to your needs helps ensure your business success. We listen to your concerns, and strive to create long-term relationships based on understanding, service and trust. This interactive approach keeps us close to the working environment, and helps us design and build the best and most innovative products and services for your industry.

Atlas Copco has autonomous sales companies and agencies in 150 countries.

Advanced design, exhaustive testing, top grade materials, a modern plant, strict quality control and a trained and committed workforce ensure that products meet the highest quality standards. Aftersales service is never more than a phone call away.

Your local Atlas Copco representative is ready to advise you on your own special requirements, and give you full information about the comprehensive range of Atlas Copco compressed air products.



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