

**DELIVERING INNOVATION,
RESULTS & RELIABILITY,
WHILE SAVING YOU MONEY.**



Series 7

Atlas Copco XAS 97 Dd Portable Air Compressor

Powered by Honda, Kubota or Deutz diesel engines, Atlas Copco's Series 7 portable compressors are compact, efficient, economical and easy to operate. They give you a reliable source of compressed air to drive your pneumatic tools, as well as your high free air delivery applications such as sandblasting. All Series 7 models comply with current regulations concerning safety, exhaust emissions and noise.

Customer benefits

- **Ease of operation** - All controls are located on a single panel for quick access and smooth operation.
- **Long-lasting** - Body parts are made of powder-coated Zincor™ steel for excellent corrosion resistance. The canopy can also be supplied in highly impact-resistant HardHat™ polyethylene.
- **High efficiency** - The combination of an efficient Honda, Kubota or Deutz engine and the high performance Atlas Copco compressor element guarantees outstanding efficiency and reduced wear.
- **Low operational cost, high fuel autonomy** - All models are fitted with a stepless, fully automatic regulator. This constantly varies the engine speed according to air demand, reducing fuel consumption. The high capacity fuel tank allows the Series 7 to work a full shift without the need to refuel.
- **Easy to service** - You can remove the side panels, front and rear baffle in seconds, while self-supporting gas struts lift the hood in one piece. The result is fast service access to accelerate maintenance and reduce downtime.
- **Low cost of ownership** - The tough, impact-resistant HardHat™ canopy resists damage and corrosion, eliminating the time and cost of repair and repaint jobs.

GENERAL FEATURES

Heavy duty filter

A single, high performance two-stage air intake filter with service indicator is standard. It prevents dust and dirt particles from entering the engine and the compressor.

Centralized controls

All controls are grouped on a single panel, covered by a rigid plastic cover for safety and ease of operation.

For the Rental Industry

Atlas Copco designed a small single tool compressor, fitting the needs of the rental industry. The new XAS 37 Kd and the XAS 47 Kd use the proven Series 7 concept and are equipped

with a 3-cylinder water-cooled Kubota engine. They are developed with the rental customer in mind; small, easy to use and reliable.

Built and tested to ISO 9001 quality assurance standards

Atlas Copco's stringent manufacturing standards follow ISO 9001 quality assurance regulations. All compressors are produced and tested to exacting standards for optimum performance in the most demanding conditions.

Atlas Copco - the world leader in portable air compressors

One in three compressors sold throughout the World is manufactured by Atlas Copco. Produced in the World's largest dedicated compressor manufacturing plant, our advanced research and development and proven products ensure we offer the best solution for all your compressed air needs.

Improved serviceability

The removable side panels, front- and rear baffle and the one piece canopy, supported by two gas struts, provide fast and easy service access.

All body parts are made of a new type of powder coated zincor steel for excellent corrosion resistance.

High efficiency

The combination of a high efficient engine and the Atlas Copco compressor element guarantees high efficiency and reduced wear.

Low operational cost, high fuel autonomy

A stepless and fully automatic regulator varying the engine speed ensures a reduced power and fuel consumption. In combination with the high capacity fuel tank, the Series 7 allows you to work a full shift without refueling.

Designed for the environment

All Series 7 compressors meet current European and US legal requirements relating to the working environment and regulations concerning safety, exhaust emissions and noise. Kubota D905, D1105 and Deutz 2011 engines fully comply with COM III and TIER II exhaust emission regulations. All models comply with the outdoor noise directive 2000/14/ EC Stage II.

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

Lubricator

All 7 bar models are available with a 1 litre lubricator. The flow of the lubricating oil can be controlled by a knob at the side of the lubricator. A level indicator is foreseen to prevent running without lubricator oil.



Hose reel

Series 7 models can be supplied with a 20m capacity hose reel. Manufactured from tough polyethylene, it is supplied with a 3/4" reinforced hose. The hose can be operated directly from the reel.



Technical Specifications of the Atlas Copco XAS 97 Dd Portable Air Compressor

Model	XAS97 Dd
Free Air Delivery @ Normal Working Pressure (ISO1217 standard)	5.3m ³ /min
	190CFM
Normal Working Pressure	7bar
	102psig
Minimum / Maximum Unloading Pressure	4 / 8.5 bar
Compression Stages	1
Air Receiver Capacity	16.7L
Compressor Oil Capacity	8 L
Approximate Air Outlet Temperature	90°C (Standard)
Typical oil content of compressed air	<5 mg/m ³
Fuel Tank Capacity	80 L
Outlet Valve Configuration	3 x 3/4" G
Nominal working condition	Inlet pressure 1bar, Humidity 0%, Temp 20 °C
Sound Pressure Level (ISO2125 standard)	72 dB(A) +/- 3
Maximum Ambient Temperature at sea level	45°C
Maximum Altitude	5000m
Minimum Starting Temperature	-10 °C / -25 °C (with assist)
Diesel Engine Data	Deutz F3M2011
Horsepower Developed @ Rated Speed	36KW
Cylinders	3
Cooling System	Oil
Engine Coolant Capacity	same system with engine oil
Engine Oil Capacity	8.5 Litre
Unloaded Speed / Maximum Loaded Speed	1850 / 2750RPM
Dimensions	
Length	3063mm (with towbar)
Width	1410mm
Height	1258mm
Weight (filled with oil & coolant , Initial fuel)	840kg



Protect your investment... ... and your peace of mind

Atlas Copco carefully monitors the maintenance needs of all its compressors. Service intervals are carefully assessed to ensure optimum performance is maintained and operating costs reduced. Proper maintenance will ensure your compressor runs as efficiently and economically as possible.

A lack of maintenance can result in expensive down-time with a subsequent loss of production or poor performance. Avoid risks and protect the asset value of your compressor by choosing one of the unique service options provided by Atlas Copco.

Our service options are flexible. Depending on your requirements, we can supply service kits or spare parts for in-house maintenance or factory service and maintenance packages tailored to user demands.

Genuine Parts

Atlas Copco makes no compromise on the quality of replacement parts: only genuine parts provide the longevity and reliability you demand. Selected high quality Atlas Copco compressor and engine oils are also available. These meet the stringent quality specifications required to enable your unit run smoothly, shift after shift.

Service agreements

For complete peace of mind, Atlas Copco has a range of service agreements to suit your needs. Maintenance budgets are clear and simple, with prices fixed in advance. Operational costs come down and efficiency goes up. You choose the service options and the time period to suit your needs.

Commitment

Atlas Copco employs two thousand factory trained service technicians in over 150 countries worldwide. Should a problem ever occur, access to their expertise is only a telephone call away.

With years of experience and ongoing investment, we are the only major compressor manufacturer providing a full 3 year factory supported warranty.

