



XA(T,H,V)S 146-186

A versatile portable compressor range
that fits your every need!



Sustainable Productivity

Atlas Copco

ATLAS COPCO XA(T,H,V)S 146-186 VERSATILITY IS KEY!

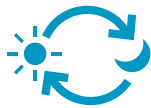
Looking for a versatile yet compact portable compressor? Specially designed for a wide range of applications, the XA(T,H,V)S 146-186 Stage IIIB range has it all. With a lot of options, these compressors are built to perform in any given condition or environment. The range combines light weight with small dimensions, making it easy to maneuver on site. Together with its user friendly controller, these compressors are all about serving your needs.



HIGH PRODUCTIVITY



LOW OPERATIONAL
EXPENSE



AVAILABILITY AND
HIGH VERSATILITY

FITS YOUR NEEDS

WIDE RANGE OF APPLICATIONS

One range that fits multiple applications? Whether for construction applications to power various pneumatic tools, for drilling and quarry operations, or even for sandblasting projects, these units ensure high reliability and performance.



A LARGE SET OF OPTIONS

From the most simple to the most complex set-up or application, we have a full range of options available to meet your needs and requirements.

RELIABLE PERFORMANCE

The XA(T,H,V)S 146-186 range is specially designed for heavy duty working environments. From high altitudes to extremely high and low ambient temperatures (-25°C up to +50°C) and in all kinds of weather, the compressors are built to perform under these circumstances.



LOW SPECIFIC FUEL CONSUMPTION

Combining the Atlas Copco screw element with a Deutz Diesel engine, we deliver a range that is best in class in terms of fuel economy. Consuming less fuel, thus saving money, that's what this range is about.

LOWEST TOTAL COST OF OWNERSHIP

EASY SERVICABILITY

Despite of its overall compactness, the range still provides exceptional access to all the service and maintenance points. Also reducing maintenance and downtime of the machine, and at the same time significantly improving its availability and utilization.

ROBUST DESIGN

The range was tested both in lab and field conditions, to ensure optimal performance. It is designed to withstand the toughest working conditions. Together with its robustness, the compressors guarantee failsafe and reliable operation, resulting in low operational costs and high resale value.

GREENER THAN EVER

Driven by a Stage IIIB diesel engine, the range is compliant with the latest emission regulations.



Stage ⁺3b



ON THE GO!

Its light weight combined with its compact dimensions, allows the range to be mounted on a single axle, enhancing its maneuverability on site. Thanks to the homologated undercarriage, the units can also be towed behind a car.

USER-FRIENDLY CONTROLLER

The new design of the controller makes it even more operator friendly. The control panel is easy to use, for all levels of experience. With 24 languages to choose from and a user level access that can be selected, this controller takes away all operational barriers.

EASY TO
OPERATE



Technical data

| Model | | XAS 186 DD | XATS 156 DD | XAHS 146 DD | XAHS 186 DD | XAVS 166 DD |
|-----------------------------------|---------------------|------------|-------------|-------------|-------------|-------------|
| Normal effective working pressure | bar(e) | 7 | 10,5 | 12 | 12 | 14 |
| | psig | 102 | 152 | 175 | 175 | 204 |
| Actual free air delivery* | l/s | 188 | 156 | 145 | 176 | 158 |
| | m ³ /min | 11.3 | 9.4 | 8.7 | 10.6 | 9.5 |
| | cu.ft/min | 398 | 331 | 307 | 373 | 335 |
| Max. Sound power level** | dB(A) | 99 | 99 | 99 | 99 | 99 |
| Max. Sound pressure level at 7m | dB(A) | 71 | 71 | 71 | 71 | 71 |
| Oil capacity | l | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| Max. ambient temperature | °C | 45 | 45 | 45 | 45 | 45 |

| Engine - Deutz | | | | | | |
|-------------------------|-----|-----------|-----------|-----------|-----------|-----------|
| Model | | TCD3.6 L4 | TCD3.6 L4 | TCD3.6 L4 | TCD4.1 L4 | TCD4.1 L4 |
| Number of cylinders | | 4 | 4 | 4 | 4 | 4 |
| Output at rated speed | kW | 80 | 80 | 80 | 105 | 105 |
| Engine speed (nominal) | rpm | 2200 | 2030 | 2000 | 2100 | 2100 |
| Engine speed (unloaded) | rpm | 1700 | 1700 | 1700 | 1700 | 1700 |
| Capacity oil system | l | 8 | 8 | 8 | 10 | 10 |
| Capacity cooling system | l | 17 | 17 | 17 | 20 | 20 |
| Capacity of fuel tank | l | 175 | 175 | 175 | 175 | 175 |

| Unit dimensions | | | | | | |
|--|--|--|--|-------------|--|--|
| Overall length – adjustable/fixed towbar | | | | 4356 / 3941 | | |
| Overall width | | | | 1701 | | |
| Overall height | | | | 1774 | | |

| Weight | | Without brakes Fixed towbar | With brakes | |
|-------------------------------|-----|--------------------------------|--------------|-------------------|
| | | | Fixed towbar | Adjustable towbar |
| XA(S) 186, XATS 156, XAHS 146 | kg | 1900 | 1900 | 1900 |
| | lbs | 4190 | 4190 | 4190 |
| XAHS 186, XAVS 166 | kg | N.A. | N.A. | 2000 |
| | lbs | N.A. | N.A. | 4410 |
| Max. towing speed: 140 km/h | | | | |

* guaranteed according to ISO1217 ed. 3 1996 annex D

** complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

KEY BENEFITS

- most versatile range
- easy to operate
- lowest total cost of ownership
- easy to maneuver & transport

MAIN FEATURES

- full range of options
- ambulant capabilities from -25°C up to +50°C
- small dimensions & light weight
- stage IIIB compliant engine
- low noise output
- robust design
- full shift fuel tank
- user-friendly controller

MAIN OPTIONS

- cold start
- quality air equipment (aftercooler & filters)
- refinery equipment (inlet shut down valve & spark arrestor)
- variety of undercarriage combinations

ISO STANDARDS

Atlas Copco's fully implemented Quality Management and Environmental Management systems in the design and manufacturing of these units fulfill the requirements of ISO 9001 and ISO 14001. The range has also been tested / given the certificate tested according to ISO 1217.



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

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