



# ***XRVS 1000+ CD***

# ***XRVS 1550+ CD***

THE DRILLAIR™ RANGE OF AIR COMPRESSORS ARE THE MOST VERSATILE, POWERFUL, AND AGILE AIR COMPRESSORS ON THE MARKET, ALLOWING YOU TO POWER THROUGH THE TOUGHEST PROJECTS SAFELY AND EFFICIENTLY.

***Atlas Copco***

# ATLAS COPCO XRVS 1000+ CD & XRVS 1550+ CD COMPACT, VERSATILE AND POWERFUL

Need Air? The Atlas Copco XRVS 1000+ CD & XRVS 1550+ CD air compressors are truly the most versatile in their class with variable flow and pressure setting as standard features. Increasing the versatility creates a machine that is ready for a wider range of applications, in turn increasing your return on investment.

## VERSATILITY

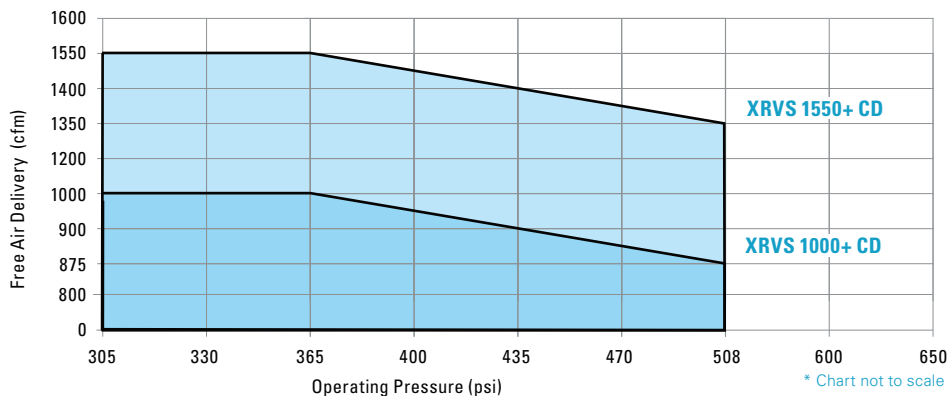
### USER-FRIENDLY CONTROLS

The intuitive and easy-to-use Xc4003 controller allows for accurate setting of all requirements. The data logging system allows for further optimization creating the highest level of performance. Tracking and recording all parameters for specific application enables analysis of optimal air conditions on the next job. Site optimization allows for fast, safe and cost efficient operation providing advantages against the competition.

### MAXIMUM VERSITILITY

The variable pressure and flow of the DrillAirXpert™ system makes these compressors adaptable to a wide range of applications. Any job can now have its flow or pressure requirements dialed in with exact certainty.

### Variable Flow and Pressure (Operating range)





## EFFICIENT AIR

The Cat 6 cylinder engine is mounted with an Atlas Copco two stage air compressor element, which allows for continual operation at 508psi (35bar). The higher operating pressure can result in 43% faster penetrate rate and up to 15% decrease in fuel consumption (When compared to the same hole at 365psi (25bar).

## SIMPLIFIED MAINTENANCE

Servicing through large oversized doors provides quick access to components, including the air end, engine maintenance and electrical components. Drains for water and oil are easy to reach and are plumbed outside of the frame for draining. Atlas Copco extended life filters with 500 hour engine and 1,000 hour compressor service intervals make these compressors a dependable workhorse in your fleet.

# EFFICIENT AIR



## DrillAirXpert™

Atlas Copco's DrillAirXpert™ regulating system allows the operator the freedom to regulate a specific operating pressure or flow. The unit offers a truly variable pressure system; pressure settings range from 305 to 508 psi, with the flow automatically adjusted by the controller. The flow control function will allow you to call for a specific SCFM, and the machine will regulate the back pressure to maintain that specific flow, allowing greater control of your drill. Eliminating all pneumatic regulating lines not only improves fuel and air efficiency by more than 3%, it also provides trouble-free, coldweather operation.



DrillAirXpert™



HIGH  
PRESSURE

- No condensate blow off
- Zero regulation lines, no freezing
- Lower fuel consumption
- User data logging
- Variable pressure control (305 - 508 psi)
- SCFM control (pressure varies instead of flow)
- Increased penetration rate (up to 43%)
- Decreased fuel consumption (compared to 350psi - cost per foot drilled)

## HEAVY DUTY ENCLOSURE

The new DrillAirXpert™ machines are the most compact, versatile, high-pressure air compressors on the market. Standard features such as central lifting, fork pockets, and a tandem trailer undercarriage make these units easy to maneuver on tight job sites. High flow and a small footprint allow for lower transport-costs and take up less space on site. The optional support-mounted frame is ideal for mounting on a truck or crawler deck.

## Technical data

| Model  |               | XRVS 1000+ CD             |             | XRVS 1550+ CD |            |
|--|---------------|---------------------------|-------------|---------------|------------|
| Actual free air delivery (Standard air)      | CFM*          | 875                       | 1000        | 1350          | 1550       |
| Actual free air delivery (Aftercooled air)** | CFM*          | 825                       | 950         | 1300          | 1500       |
| Working pressure                             | psi (Bar)     | 508                       | 365         | 508           | 365        |
| Working pressure range                       | psi (Bar)     | 305-508                   |             | 305-508       |            |
| Discharge outlet quantity                    | #             | 1 Standard, 1 Aftercooled |             |               |            |
| Discharge outlet size                        | inches        | 2" NPT                    |             |               |            |
| Regulation system                            |               | DrillAirXpert™            |             |               |            |
| Engine                                       |               |                           |             |               |            |
| Model  | CAT           | C13                       |             | C18TT         |            |
| Displacement                                 | L             | 12.5                      |             | 18.1          |            |
| Cylinders                                    | #             | 6                         |             |               |            |
| Tier   | US EPA        | Interim Tier 4            |             | Tier 2        |            |
| Exhaust after-treatment                      |               | CEM / DOC / DPF           |             | Muffler       |            |
| HP   |               | 475                       |             | 765           |            |
| Rated speed (High)                           | RPM           | 1900                      |             | 1800          |            |
| Rated speed (Low)                            | RPM           | 1300                      |             |               |            |
| Fuel Tank Capacity (Tandem Trailer)          | Gal (L)       | 240 (908)                 |             |               |            |
| Fuel Tank Capacity (Support Mounted)         | Gal (L)       | 557 (2108)                |             |               |            |
| Altitude Capability                          | ft. (m)       | 6,700 (2,042)             |             | 9,800 (2,987) |            |
| Fuel Consumption @ 100% load                 | Gal/hr (L/hr) | 20.7 (78.3)               | 21.3 (80.6) | 29 (110)      | 30.7 (116) |
| Fuel Autonomy @ 100% load (Tandem Trailer)   | Hours         | 11.25                     | 11          | 8             | 7.6        |
| Fuel Autonomy @ 100% load (Support Mounted)  | Hours         | 26.5                      | 26          | 19            | 17.9       |
| Unit dimensions - LxWxH                      |               |                           |             |               |            |
| Tandem trailer                               | Inches        | 235 x 88 x 101            |             |               |            |
| Weight (Wet)                                 | lbs (kg)      | 18,000 (8,164)            |             |               |            |
| Support mounted                              | Inches        | 185 x 88 x 90             |             |               |            |
| Weight (Wet)                                 | lbs (kg)      | 15,000 (6,803)            |             |               |            |

\* measured according to ISO 1217, 2009 annex D. Dependant on ambient conditions and temperature.  
 \*\* Aftercooler is an optional feature

Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.



## STANDARD FEATURES

- Compact, sound attenuated, corrosion resistant enclosure
- DrillAirXpert™ with programmable flow and pressure settings

## BENEFITS

- Extremely durable, portable and designed to be used for everything from oil patch applications to remote exploration sites.
- The versatility of DrillAirXpert™ and the Xc4003 controller gives provides flexibility to tune your machine to a wider range of applications. The machine will match the air flow with the desired operating pressure to maximize output and keep the engine as fuel efficient as possible. Utilization and ROI are maximized with the adaptability of this machine over a traditional compressor.
- The DrillAirXpert™ uses an electronic regulation control system, removing pneumatic lines completely, allowing for superior cold climate operation.

## OPTIONS

- Refinery equipment
- Support mounted base frame
- Aftercooler w/ Water Separator
- Cold weather package

## 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 according to ISO 1217.