XAVS650 JD8 & XAS900 JD8
UNMATCHED VERSATILITY AND OUTPUT

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Sustainable Productivity
ATLAS COPCO XAVS 650 JD8 & XAS 900 JD8
COMPACT, VERSATILE AND POWERFUL

Need Air? The Atlas Copco XAVS 650 JD8 & XAS 900 JD8 air compressor 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 Xc2003 controller has a full color LCD screen that displays all the necessary information to get the job done quickly, efficiently and safely. The regulation system utilizes a single pneumatic regulator which the operator can easily dial in the desired pressure, and the controller will automatically adjust the output to deliver the flow while still maintaining industry leading fuel efficiency.

VARIABLE VERSATILITY
The variable pressure and flow on these two models make them a fit for a wide range of applications. The XAVS650 JD8 has a higher operating pressure allowing for up to 250psi. The combined features of the higher pressure and small foot print will open drilling of smaller diameter holes in applications such as geothermal and directional drilling.

Variable Flow and Pressure (Operating range)
EFFICIENT AIR
The John Deere 6068 Tier 4 Final engine is mounted with an Atlas Copco C146 air element. The single stage C146 element is one of the most efficient screw compressor designs on the market today. This translates to less energy loss in the system and equates to lower fuel consumption per CFM.

SIMPLIFIED MAINTENANCE
Servicing through large oversized gullwing 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 containment basin for draining. With 500 hour service intervals on the engine and 1000 hour on the compressor this machine will be the workhorse of your fleet.

PORTABLE FULL FEATURE (PFF)
Atlas Copco’s PFF system ensures cool, clean and dry air. The PFF system is plumbed through a secondary outlet which provides the ability for isolation of the hoses and hardware. PFF comes standard with a three way valve that the operator can select various air quality levels and optimal cold weather configuration.

COOL - High efficiency aftercooler reduces compressed air temperature.

DRY - Compact WSD condensate removal in combination with the aftercooler removes liquid water from the compressed air.

CLEAN - Dedicated Atlas Copco DD+PD filters remove oil aerosol content to 0.01mg/m³ and particles down to 0.01 micron at the industry’s lowest pressure drop.

HEAVY DUTY ENCLOSURE
The compressors are on built a newly designed compact single axle platform with heavy gauge, powder coated galvanealed steel. The base frame is built with a rigid structure and incorporates 100% fluid containment as a standard feature on all machines. The superior fit and finish on the enclosure provides sound attenuation, as well as protection from the elements.
## Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>XAVS 650 JD8</th>
<th>XAVS 900 JD8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual free air delivery (Standard air)</td>
<td>CFM*</td>
<td>575</td>
</tr>
<tr>
<td>Actual free air delivery (Aftercooled air)**</td>
<td>CFM*</td>
<td>545</td>
</tr>
<tr>
<td>Working pressure</td>
<td>psi (Bar)</td>
<td>250</td>
</tr>
<tr>
<td>Working pressure range</td>
<td>psi (Bar)</td>
<td>58 - 275</td>
</tr>
<tr>
<td>Discharge outlet quantity</td>
<td>#</td>
<td>3 standard, 4 w/ aftercooler</td>
</tr>
<tr>
<td>Discharge outlet size</td>
<td>inches</td>
<td>1 x 1 1/2&quot; &amp; 2 x 3/4&quot;</td>
</tr>
<tr>
<td>Regulation system</td>
<td></td>
<td>Pneumatic</td>
</tr>
</tbody>
</table>

### Engine

- **Model**: John Deere 6068
- **Displacement**: L 6.8
- **Cylinders**: # 6
- **Tier**: US EPA Tier 4 Final
- **Exhaust after-treatment**: DOC / DPF / SCR
- **HP**: 250
- **Rated speed (High)**: RPM 2100
- **Rated speed (Low)**: RPM 1300
- **Fuel tank capacity**: Gal (L) 88 (333)
- **Fuel consumption @ 100% load**: Gal/hr (L/hr) 10.1(38.2) 10.5(39.2) 10.7(40.5) 10.7(40.5)
- **Fuel autonomy @ 100% load**: Hours 8.7 8.4 8.2 8.2
- **DEF tank capacity**: Gal (L) 11.3 (43)
- **DEF autonomy @ 100% load***: Hours >24

### Unit dimensions - LxWxH

| Single axle trailer | Inches | 203 x 80 x 86 |
| Weight (Wet)        | lbs (kg) | 7,880 (3,620) |
| Supported           | Inches   | 145.5 x 66.5 x 78 |
| Weight (Wet)        | lbs (kg) | TBA |

*Measured according to ISO 1217, 2009 annex D. Dependent on ambient conditions and temperature.

**Aftercooler is an optional feature

***Based on estimate of 3.5% of fuel consumption. Actual amount will vary based on environmental conditions, DEF age and quality.

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.

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### STANDARD FEATURES

- Compact, sound attenuated, corrosion resistant enclosure
- Variable operating pressure and flow settings
- 100% fluid containment and Tier 4 Final emissions
- FuelXpert™

### BENEFITS

- Extremely durable, portable design to be used for everything from oil patch applications to bridge remediation.
- The versatility of the Xc2003 controller gives you the 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. In turn it will increase your utilization rate and ROI as it is adaptable to many more applications than a standard machine.
- Designed with environment protection in mind for use in sensitive area
- Best in class fuel consumption, leading to lower operational costs

### OPTIONS

- Refinery equipment
- Support mounted base frame
- Portable Full Feature (filtered air)
- Electric brake undercarriage
- 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.