



***XAVS650 JD8 & XAS850 JD8
UNMATCHED VERSATILITY
AND OUTPUT***

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Sustainable Productivity

Atlas Copco

ATLAS COPCO XAVS 650 JD8 & XAS 850 JD8 COMPACT, VERSATILE AND POWERFUL

Need Air? The Atlas Copco XAVS 650 JD8 & XAS 850 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

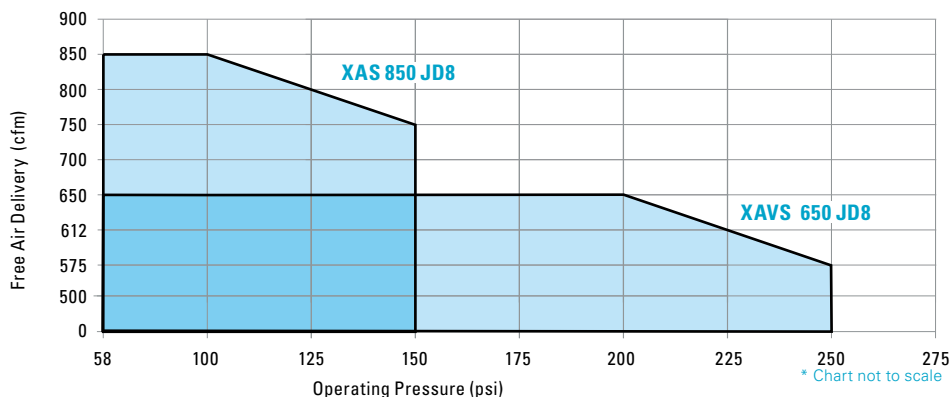
The Xc2003 controller has a full color LCD screen that displays all the necessary information to get the job done quickly, efficiently and safely. The regulation system utilizes a single pneumatic regulator which the operator can easily dial in the desired pressure, and the controller will automatically 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)

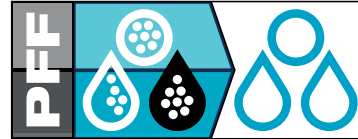


EFFICIENT AIR

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.



EFFICIENT
AIR

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 $0.01\text{mg}/\text{m}^3$ 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

Model		XAVS 650 JD8		XAS 850 JD8	
Actual free air delivery (Standard air)	CFM*	575	650	750	850
Actual free air delivery (Aftercooled air)**	CFM*	545	620	720	820
Working pressure	psi (Bar)	250	200	150	100
Working pressure range	psi (Bar)	58 - 275		58 - 175	
Discharge outlet quantity	#	3 standard, 4 w/ aftercooler			
Discharge outlet size	inches	1 x 1 1/2" & 2 x 3/4"			
Regulation system		Pneumatic			
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(39.7)	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)	7,980 (3,620)			
Support mounted	Inches	145.5 x 66.5 x 78			
Weight (Wet)	lbs (kg)	TBA			

* Measured according to ISO 1217, 2009 annex D. Dependant 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.



Tier⁺4 Final

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.