

# XAS 186

375 cfm (powered by John Deere Diesel)

*Atlas Copco*

## Quiet, Oil Flooded Screw Compressor

- Limited two-year warranty on compressor element and John Deere engine
- Operates under widely varying climatic conditions, water-cooled engine, large capacity oil cooling system, high efficiency heavy-duty two-stage intake filters (with cartridge replacement indicators)
- Highly efficient oil extraction system means low oil consumption
- Large capacity fuel tank placed low for good road handling and easy filling
- Roof lifting eye for easy hoisting
- Few moving parts, minimum mechanical wear
- Rugged and reliable, needing little maintenance



Wide opening doors give ready access to all service points for ease of maintenance. A large tool box provides adequate storage for breakers and accessories inside the lockable canopy.



COMPRESSOR										
Model Type	Normal Effective Working Pressure		Maximum Working Pressure		Speed, during Unload/Load	Actual Free Air Delivery*		Capacity of Oil System (Approx.)		Cooling System
	psig	bar	psig	bar	r/min	cfm	l/s	gal (US)	l	
XAS-186JD	102	7	123	8.5	1600/2400	375	177	8.0	30	Oil
XAHS-186JD	150	10	172	11.8	1600/2400	375	177	8.0	30	Oil

ENGINE/John Deere							
Model Type	Engine Coolant System Capacity (Approx.)	Cooling System	Number of Cylinders	Output	Capacity of Oil Sump (Approx.)	Fuel Consumption at Full Load	Capacity of Fuel Tank (Approx.)
	qt (US)				gal (US)	gal/h	gal (US)
XAS-186JD	17.0	Water	4	115	2.3	5.5	38
XAHS-186JD	17.0	Water	4	125	2.3	6.5	38

DIMENSIONS								
Model Type	Overall Length		Overall Width		Overall Height		Net Mass (Dry Weight)	
	in	mm	in	mm	in	mm	lb	kg
XAS-186JD	145.0	3718	72	1829	71	1820	3470	1574
XAHS-186JD	145.0	3718	72	1829	71	1820	3470	1574

\*at full load, at max. speed and at normal effective working pressure (7 bar), at following inlet conditions:  
 –absolute inlet air pressure = 1 bar (1.02 kp/cm<sup>2</sup>, 14.5 psi, 100kPa)  
 –inlet air temperature = 20°C (68°F)  
 Noise level meets with EPA regulations.

**John Deere Engine Warranty:** Engines used for industrial mobile, industrial stationary, marine and prime power diesel electric systems are warranted for 12 months from the date of delivery to the first retail purchaser with unlimited hours; or for 24 months/2,000 hours.

Compressors are not to be used for breathing air without being fitted with special equipment. Should the purchaser and/or user fail to add such specialized equipment and proceeds to use the compressor for breathing air service, the purchaser/user assumes all liability resulting therefrom without any responsibility or liability being assumed by Atlas Copco.



Instrument Panel – All necessary push buttons and gauges are grouped on a single panel for easy monitoring.



Danger: Compressed air should never be supplied as breathing air unless air is properly purified for breathing. Atlas Copco assumes no responsibility or liability related to the purchaser's/user's use of an Atlas Copco compressor as part of a breathing air system.

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

