



# ***THE XAT(V)S 186 JD***

Two Models – Multiple Possibilities.

*Sustainable Productivity*

*Atlas Copco*

# YOU NEED **PACE...** TO WIN THE RACE!

The skillfully versatile **XAT(V)S 186** range from **Atlas Copco** offers you two models with multiple possibilities. Thanks to its intuitive **PACE system** (*Pressure Adjusted thru Cognitive Electronics*) the new **186 models** give you the most options from a single compressor. This pioneering technology enables **multiple pressure and flow settings** ensuring you match air flow and pressure to your application needs.

Optimize your fleet investment, improve utilization and get a higher return on investment. If you are using multiple machines to cover flow demands up to 11 m<sup>3</sup>/min and pressure ranges from 7-14 bar, then now is the time to stop.

The 186 models also feature the legendary **Atlas Copco** air element together with a **John Deere Stage IV Engine**; ensuring higher efficiency, longer service intervals, unmatched reliability, increased lifetime and the lowest cost of ownership.

## LOW FUEL CONSUMPTION

Combining the **Atlas Copco** screw element with a **John Deere diesel engine**, we deliver a range that is **best in class in terms of fuel economy**.

## FORWARD-THINKING

The **XAT(V)S 186 range** from **Atlas Copco** is in-line with the **Forward-Thinking** philosophy of the Portable Energy division:



### YOU. NOT US

We are focussed on your needs and delivering products that add value to you.



### ENGINEERED. NOT ASSEMBLED

We have global research and development capabilities coupled with Industry leading investments in innovation.



### SOLUTIONS. NOT COMPROMISE

We are proud to offer you the widest portfolio along with the maximum number of customizable options.



### LEADER. NOT FOLLOWER

We will always bring you something new; to help us both stay ahead of the game.



### UPTIME. NOT DOWNTIME

We work to your schedule. We are here to make sure you 'run' when you need to run.



### EFFICIENT. NOT WASTEFUL

We focus on how to improve your environment and minimize the impact on the planet.

It's about looking ahead and staying ahead, in order to help our customers do the same.

**Atlas Copco**

### SERVICE LIFE

The **186 range** extends the compressor oil service interval to 1000 hours or once every two years. **Reduced service intervention and longer life of consumables reduces total cost of operation and increases availability.**

### XC2003 CONTROLLER

The intuitive **XC2003 controller** keeps track of your compressor's utilization and prompts for planned service interventions. Service can be performed from a single side.

### ENGINE PERFORMANCE

The **186 range** is powered by a **4-cylindrical John Deere Engine**, with a power output of 86kW and 104kW respectively.

Reducing the emission of NOx and particulate matter to **near-zero** levels.

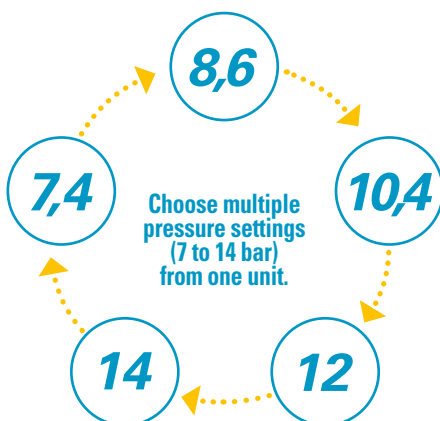


### EASY TO MOVE

Lightweight and compact, both models can be towed. The 186 range is mounted on a single axle, **enhancing its maneuverability on site.**

### ROBUST DESIGN

The **186 range** was tested both in lab and field conditions to ensure **optimal performance**. It's designed to withstand the toughest working conditions. A three layer protection coating of all bodywork **under corrosive category C3** prevents corrosion and improves life time.



## PACE™

Pressure Adjusted thru Cognitive Electronics

- Pressure can be set with the XC2003 controller in 3 simple steps.
- Pressure can be adjusted within increments of 0.1 bar.
- Toggle between the pressure presets in a single click.



## TECHNICAL DATA

Model		XATS 186 Jd		XAVS 186 Jd			
Nominal effective working pressure	bar (g)	7	10	7	10,3	12	14
	psi (g)	100	150	100	150	175	205
Free air delivery	cfm	402	345	402	400	383	358
	m <sup>3</sup> /min	11,4	9,8	11,4	11,3	10,9	10,1
	l/sec	190	163	190	189	181	169
Max. ambient temperature at sea level	°C	50		50			
Min. starting temperature	°C	-10		-10			
Min. starting temperature (cold start aid)	°C	-25		-25			
Engine brand		John Deere					
Engine model		4045HFC04					
Number of cylinder		4					
Power output @ normal shaft speed	kw	86		104			
Full load RPM	rpm	2200	1900	2200	2200	2100	1950
Unload RPM	rpm	1500	1500	1500	1500	1500	1500
<b>Capacity</b>							
Engine oil	l	14,7	14,7	14,7	14,7	14,7	14,7
Compressor oil	l	26,5	26,5	26,5	26,5	26,5	26,5
Fuel tank	l	168	168	168	168	168	168
<b>Dimensions : support mounted</b>							
Length	mm	2942					
Width	mm	1490					
Height	mm	1510					
Weight box	kg	2065					
<b>Dimensions : undercarriage</b>							
Length	mm	4940					
Width	mm	1580					
Height	mm	1800					
Weight box	kg	2340					

## OPTIONS

- Towing eyes (DIN, ITA, NATO, BNA, ball coupling and loose ball coupling)
- Jockey wheel or leg support
- Road light system
- Wheel chocks
- Quality air equipment
  - Aftercooler
  - WSD
  - Bypass valve
- Special application equipment
  - Inlet shut down valve
  - Spark arrester
- Cold start
- Safety cartridge
- Metal filler neck
- Special colors upon request (depending on volume)



## COMMITTED TO SUSTAINABLE PRODUCTIVITY

Atlas Copco's Portable Energy division has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principals. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

*Atlas Copco*

[www.atlascopco.com](http://www.atlascopco.com)