

TWO MODELS - MULTIPLE POSSIBILITIES

John Deere performance engine (340-440 cfm)



جهان کمپرسور
Jahan Compressor

Atlas Copco

Sustainable Productivity




You need PACE... To win the RACE!

The skillfully versatile XA(T)S 400 range offers you two models with multiple possibilities. Thanks to its intuitive PACE system (Pressure Adjusted thru Cognitive Electronics) the new 400 cfm 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 between 340-440 cfm and pressure ranges from 100-200 psi, then now is the time to stop.

The 400 cfm models also feature our legendary 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.



LOWER CAPITAL INVESTMENT 

One machine covers multiple applications

FUEL SAVINGS 

Both efficiency and autonomy

INCREASED UTILIZATION 

Simple service and long service intervals



Compressor		XAS 440 JD T4F	XATS 400 JD T4F
Working pressure	psi (g)	100	150
Free air delivery (1) (FAD)	cfm	440	397
Max. sound pressure level @ 23' (7m) at normal working speed & pressure (2)	dB(A)	76	76
Compression stages		1	1
Air receiver capacity	US gal (l)	11 (41.6)	11 (41.6)
Compressor oil capacity	US gal (l)	6.3 (23.8)	6.3 (23.8)
Approximate air outlet temperature	°F (°C)	200 (93)	200 (93)
Air compressor outlets		2 x 3/4" & 1 x 1 1/2"	2 x 3/4" & 1 x 1 1/2"
Max. ambient temperature at sea level (3)	°F (°C)	125 (51)	125 (51)
Maximum altitude	Ft (m)	14,000 (4267)	14,000 (4267)
Min. starting temperature (without cold weather options)	°F (°C)	14 (-10)	14 (-10)
Min. starting temperature (with cold weather options)	°F (°C)	-4 (-20)	-4 (-20)
Engine			
Model		John Deere 4045HFC04	John Deere 4045HFC04
Number of cylinders		4	4
Emissions regulation	US EPA Tier	T4F	T4F
Output at rated speed (2400 rpm)	hp	115	125
Aspiration		Turbocharged	Turbocharged
Displacement	cu in (l)	269 (4.5)	269 (4.5)
Engine speed (unloaded)	rpm	1500	1500
Engine speed (maximum loaded)	rpm	2400	2000
Capacity and consumption			
Engine oil capacity	US gal (l)	5.4 (20.5)	5.4 (20.5)
Engine oil required		Low Ash Oil per API CJ-4, ACEA C9	Low Ash Oil per API CJ-4, ACEA C9
Engine coolant capacity	US gal (l)	6.25 (23.6)	6.25 (23.6)
Fuel tank capacity	US gal (l)	52 (197)	52 (197)
DEF tank capacity	US gal (l)	5.7 (21.7)	5.7 (21.7)
Battery capacity (cold cranking amps) (4)	A	1100	1100
Dimensions and weight (trailer/Skid mounted)			
Length	in	161 / 113	161 / 113
Width	in	71.5 / 71.5	71.5 / 71.5
Height	in	70 / 65	70 / 65
Weight (wet)	lbs	4555 / 4590	4470 / 4555

(1) According to ISO 1217 ed.3 1996 annex D.

(2) Measured in accordance with ISO 2151 under free field conditions @ 7m distance.

(3) Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations.

(4) According to DIN 72311.



STANDARD FEATURES

SERVICE LIFE

The 400 cfm 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 range is powered by a 4-cylindered John Deere Tier 4 Final engine, reducing the emission of NOx and particulate matter to near zero levels.



EASY TO MOVE

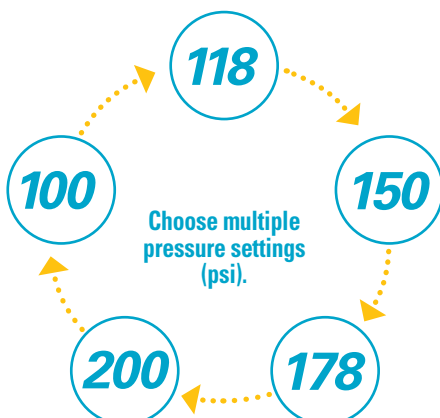
Lightweight and compact, both models can be towed. The compressor is mounted on a single axle, enhancing its maneuverability on site.

LOW FUEL CONSUMPTION

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

ROBUST DESIGN

The range was tested both in lab and field conditions to ensure optimal performance. It's designed to withstand the toughest working conditions. The updated HardHat canopy is our toughest, most aesthetically pleasing canopy to date. It's corrosion free and needs no painting or dent repair.



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 1 psi.
- Toggle between the pressure presets in a single click.



Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO

- 110-185 cfm
- 58-125 psi



VERSATILITY

- 400-850 cfm
- 58-200 psi



PRODUCTIVITY PARTNER

- 950-1,800 cfm
- 100-508 psi



Diesel and electric options available.

GENERATORS

PORTABLE

- 1.6-12 kVA



MOBILE

- 25-1,200* kVA



*Multiple configurations available to produce power for any size application.

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE

- up to 6,100 US gpm



CENTRIFUGAL DIESEL DRIVEN

- up to 6,155 gpm



LIGHT TOWERS

METAL HALIDE



LED



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 principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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