

FLEXIBLE. EFFICIENT. TOUGH!

A HardHat® compressor range with pressure adjustment technology (PACE)
340-440 cfm (100-200 psi)

Sustainable Productivity

Atlas Copco



FLEXIBLE. EFFICIENT. TOUGH!


Our latest range of 400 cfm air compressors are the toughest, most flexible, compressors we have ever made.

This single-stage, oil-injected, rotary screw air compressor is powered by a liquid-cooled, four-cylinder turbocharged diesel engine, coupled with our legendary air element – ensuring the efficient power you need, to get the job done, comes as standard. Also, as standard, you receive longer service intervals, unmatched reliability, increased lifetime and the lowest cost of ownership from a compressor in this class.


Thanks to the intuitive PACE system (Pressure Adjusted thru Cognitive Electronics) the new 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 exact application needs.

Optimize your fleet investment, improve utilization and get a higher return on investment with our new 400 cfm series. If you are using multiple machines to cover the pressure and flow demands of multiple applications, then now is the time to stop.



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	XAT(V)S 400 JD T4F
Working pressure	psi (g)	100-150	150-200
Free air delivery (1) (FAD)	cfm	400-440	347-397
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)
Fuel consumption at 0% load	gal/hr (l/hr)	1.7 (6.4)	1.7 (6.4)
Fuel consumption at 100% load	gal/hr (l/hr)	6.5 (24.5)	6.5 (24.5)
DEF tank capacity	US gal (l)	5.7 (21.7)	5.7 (21.7)
DEF consumption at 100% load	gal/hr (l/hr)	0.30 (1.1)	0.30 (1.1)
Battery capacity (cold cranking amps) (4)	A	1100	1100

(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 400 cfm range is powered by a 4-cylindered John Deere Engine. Reducing the emission of NOx and particulate matter to near-zero levels.



LOW FUEL CONSUMPTION

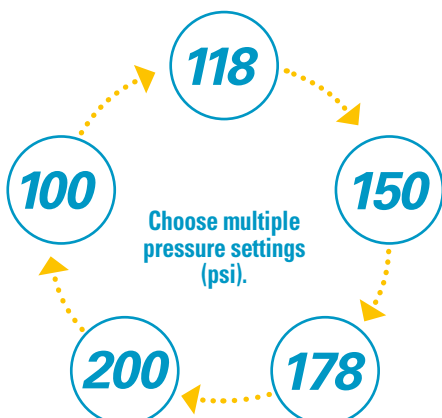
- Combining the Atlas Copco screw element with a John Deere diesel engine, we deliver a range that is best in class for fuel economy.

EASY TO MOVE

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

ROBUST DESIGN

- The 400 cfm 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

- 950-18,000 cfm
- 100-508 psi



Diesel and electric options available.

GENERATORS

PORTABLE

- 1.6-13.9 kVA



MOBILE

- 25-1200* kVA



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

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE

- up to 4,340 g/min



CENTRIFUGAL DIESEL DRIVEN

- up to 3,655 g/min



SMALL PORTABLE

- up to 660 g/min



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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