



1170 – 1500 cfm | High-Pressure Air Compressors



Doosan Infracore
Portable Power

Compressor technology that sets the standard

Doosan Portable Power offers the right level of technology, from years of proven direct engine control to our innovative microcontroller and more. We listen to our customers and design our product to meet those demands. We utilize mechanical control of the inlet and oil temperature valve for maximum durability that performs in the harshest conditions. The backlit gauges on the panel are intuitively placed, the layout of the cool-box design allows quick service and the paint quality, weld strength and reliability are just some of the things that enhance your product experience. The running gear system is designed with life extending features that provide security mile after mile. No wonder Doosan Portable Power sets the standard by which others are measured.

Performance Features

- Automatic safety shutdowns for high discharge air temp, low engine oil pressure, high engine coolant temp and low fuel level
- Central drains included (drains for XHP750 are optional)
- Construction-grade pedestal jack stand
- Easy access for service maintenance of coolers and filters
- Fuel/water separator as primary filtration
- Galvanneal sheet metal enclosure
- Heavy-duty A-frame detachable drawbar with adjustable pintle eye
- Microprocessor-controlled engine with optimal compressor performance and diagnostics
- Automatic engine oil replenishment system
- Automatic start/stop controller with remote start
- Battery trickle charger sealed for drill environment durability
- Cold-start kit includes heaters for engine block, engine oil pan and batteries
- Emergency stop
- IQ System® consists of aftercooler plus particulate and coalescing filters with a patented condensate disposal system for cleaner, Instrument Quality air (low ambient system included with aftercooler blowdown, airflow control and orifice heaters for operation at any temperature)
- Aftercooler is standard on XXHP1270/XHP1500FCAT
- Less running gear includes isolation mounts for truck or trailer or permanent pad installation

Available options (factory-installed WCAT)

- Aftercoolers plus water separator with 20 degree F approach temperature

Model	XHP1170WCAT	XHP1170FCAT	XXHP1270-XHP1500FCAT
COMPRESSOR			
Free-Air Delivery – cfm (m ³ /min)	1170 (33.1)	1170 (33.1)	1270 (36) – 1500 (42.5)
Rated Operating Pressure – psi (bar)	350 (24.1)	350 (24.1)	500 (34.5) – 350 (24.1)
Pressure Range – psi (bar)	150 – 375 (10.3 – 25.9)	150 – 375 (10.3 – 25.9)	175 – 375 (12.1 – 25.9) 400 – 525 (27.8 – 36.2)
Air Discharge Outlet NPT Size – in (mm)	3 (76.2)	2 (50.8)	3 (76.2)
Air Discharge Outlet Quantity	1	1 (2 with IQ)	1
Compressor Oil Capacity – gal (L)	55 (208)	55 (208)	85 (322)
ENGINE			
Make/Model	Caterpillar/C15	Caterpillar/C15 (C18 optional)	Caterpillar/C18
Emissions Tier Level	Tier 3	Tier 3	Tier 3
Number of Cylinders	6	6	6
Displacement – cu in (L)	923 (15.1)	923 (15.1)	1105 (18.1)
Rated Speed – rpm	1800	1800	1625/1850
Idle Speed – rpm	1350	1350	1350
Bhp (kW) @ Rated Speed	540 (402.7)	540 (402.7)	700 (522)
Electrical – volts/battery qty	24/(2) 1400 CCA - optional	24/(2) 1400 CCA - optional	24/(2) 1400 CCA - optional
Engine Oil Capacity – qt (L)	42 (40)	42 (40)	50 (47.3)
Radiator Coolant Capacity – gal (L)	15.2 (57.5) Tank 1 - 98 (369)	15.2 (57.5)	13.5 (51.1)
Fuel Tank Capacity – gal (L)	Tank 2 - 98 (369) Total - 196 (738)	14 (52) day tank option	20 (75.7) day tank option
DIMENSIONS			
Overall Length – in (mm)	222.4 (5649)**	156 (3962)	184.1 (4676)
Overall Width – in (mm)	90 (2286)	89.5 (2273)	89.2 (2266)
Overall Height – in (mm)	86.4 (2196)	92 (2337)	89.5 (2273)
Shipping Weight – No Fuel – lb (kg)	15350 (6963)	11200 (5080)	16120 (7327)
Working Weight – w/ Fuel – lb (kg)	17040 (7729)*	N/A	16910 (7686)

*Add 600 lb (272 kg) for IQ System

**Deduct 12.5" for service valve

Warranty

Standard Warranty: 1-year/2,000-hour warranty on all components, except engines and batteries (optional), which carry the manufacturer's warranty.

Airend Warranty: 2-year/4,000-hour warranty on airend, extended to 5-year/10,000-hour warranty when original filters, fluids and parts from an authorized Doosan Infracore Portable Power dealer are used at the prescribed intervals.

Engine Warranty: 2-year/3,000-hour warranty on engine.

Product improvement is a continuing goal at Doosan Infracore Portable Power. Designs and specifications are subject to change without notice or obligation.

Doosan Infracore Portable Power air compressors are not designed, intended or approved for breathing air. Compressed air should not be used for breathing air applications under any circumstances.



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