

1170 – 1500 cfm

High Pressure, Open Frame Compressors



Doosan Infracore
Portable Power

The New Industry Standard

These innovative, open frame compressors provide a small footprint with the highest power density in the industry in terms of the flow and pressure combination. The innovative XXHP1270/XHP1500 offers as standard, dual flow and dual pressure. The control system allows flow for 1270 to 1500 cfm during operation at 500 and 350 psi to maximize productivity for the applications. Drill deeper and with more productivity than ever before.



XXHP1270/XHP1500 Features

- Electronic oil temperature bypass valve maintains the optimum oil temperature for all ambient conditions and maximizes oil life and airend durability
- Oil carryover is less than 2 ppm, resulting in less contamination of filter membranes and reduced oil cost between changes
- Large airend oil reservoir and quad-filter filtration assures long life of the oil and increased life of the internal components
- Coolers are easily cleaned because of an innovative, single row design/Access doors allow for the best serviceability available
- Aftercooler is standard
- Engine block heater is standard

- Fuel cooler is standard
- All open frame models feature a mechanical inlet valve for reliability and effective control

XHP1170 Features

- Microprocessor system provides fault codes and compressor maintenance trouble shooting
- Coolers are single row design for optimum ease of maintenance/ Access doors allow for the best serviceability available
- Full range of options for drilling applications
- Optional C18 engine

| | Model | XHP1170FCAT | XXHP1270-XHP1500FCAT |
|------------------------------------|---|--------------------------------|--|
| Compressor | Free-Air Delivery – cfm (m ³ /min) | 1170 (33.1) | 1270 (36) – 1500 (42.5) |
| | Rated Operating Pressure – psi (bar) | 350 (24.1) | 500 (34.5) – 350 (24.1) |
| | Pressure Range – psi (bar) | 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) | 2 (50.8) | 3 (76.2) |
| | Air Discharge Outlet Quantity | 1 | 1 |
| | Compressor Oil Capacity – gal (L) | 55 (208) | 85 (322) |
| Engine | Make/Model | Caterpillar/C15 (C18 optional) | Caterpillar/C18 |
| | Emissions Tier Level | Tier 3 | Tier 3 |
| | Number of Cylinders | 6 | 6 |
| | Displacement – cu in (L) | 923 (15.1) | 1105 (18.1) |
| | Rated Speed – rpm | 1800 | 1625/1850 |
| | Idle Speed – rpm | 1350 | 1350 |
| | Bhp (kW) @ Rated Speed | 540 (402.7) | 700 (522) |
| | Electrical – volts/battery qty | 24/(2) 1400 CCA - optional | 24/(2) 1400 CCA - optional |
| | Engine Oil Capacity – qt (L) | 42 (40) | 50 (47.3) |
| | Radiator Coolant Capacity – gal (L) | 15.2 (57.5) | 13.5 (51.1) |
| Dimensions | Fuel Tank Capacity – gal (L) | 14 (52) day tank option | 20 (75.7) day tank option |
| | Overall Length – in (mm) | 156 (3962) | 184.1 (4676) |
| | Overall Width – in (mm) | 89.5 (2273) | 89.2 (2266) |
| | Overall Height – in (mm) | 92 (2337) | 89.5 (2273) |
| | Shipping Weight – No Fuel – lb (kg) | 11200 (5080) | 16120 (7327) |
| Working Weight – w/ Fuel – lb (kg) | N/A | 16910 (7686) | |

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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