



1000 & 1170 cfm | High-Pressure Air Compressors



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.

Features

- Full colored digital display
- Cool box design to reduce component temperatures
- Microprocessor-controlled engine with optimal compressor performance and diagnostics
- Easy maintenance of coolers, filters and fluids
- LED Backlit gauges
- 500-hour engine oil/1,000-hour airend oil service
- Central drains standard (XHP1000 only)
- Heavy-duty A-frame detachable drawbar with adjustable pintle eye
- Construction-grade pedestal jack stand
- 1/2" safety chains with grade 70 hooks
- Fuel/water separator as primary filtration
- Large, powerful 1,400 CCA batteries
- Slam latch handles with padlock provisions
- Secured lifting eye with interior release pin
- Automatic safety shutdowns for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- Galvanneal sheet metal enclosure for ultimate corrosion protection
- Enclosure is designed to minimize rain egression into the package
- Fuel cooler is standard
- Single row core heat exchangers for ease of cleaning
- Fuel tanks sized for 8-hour runtime at full load
- Dual pressure regulation is standard:

Available options (factory installed)

- Aftercooler with water separator with 20 degree F approach temperature
- Central drains for single-point fluid maintenance
- Cold start kit includes engine block, engine oil pan and battery heaters
- IQ System® 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 any temperature operation
- Automatic engine/oil replenishment system
- Automatic start/stop controller with remote start
- Emergency stop
- Less running gear includes isolation mounts for truck, trailer or permanent pad installation

| Model | XHP1000WCAT | XHP1170WCU |
|---|--------------------|--------------------|
| COMPRESSOR | | |
| Free-Air Delivery – cfm (m ³ /min) | 1000 (28.3) | 1170 (33.1) |
| Rated Operating Pressure – psi (bar) | 365 (25.1) | 365 (25.1) |
| Pressure Range – psi (bar) | 140-365 (9.7-25.2) | 140-365 (9.7-25.2) |
| Air Discharge Outlet NPT Size – in (mm) | 3 (76.2) | 3 (76.2) |
| Air Discharge Outlet Quantity | 1 | 1 (2 with IQ) |
| Compressor Oil Capacity – gal (L) | 47 (178) | 55 (208) |
| ENGINE | | |
| Engine Make/Model | Caterpillar C13 | Cummins/QSX15 |
| Emissions Tier Level | Tier 4i / Stage 3B | Tier 4 Final (T4F) |
| # of Cylinders | 6 | 6 |
| Displacement – cu in (L) | 763 (12.5) | 912 (14.9) |
| Rated Speed – rpm | 1800 | 1800 |
| Idle Speed – rpm | 1350 | 1200 |
| Bhp @ Rated Speed (kW) | 475 (354) | 580 (433) |
| Electrical – volts | 24 | 24 |
| Engine Oil Capacity – qt (L) | 40 (37.9) | 12 (45.4) |
| Radiator Coolant Capacity – gal (L) | 17 (64.4) | 24.6 (93) |
| Altitude Capability – ft (m) | 10000 (3048) | 10000 (3048) |
| Fuel Consumption @ 100% load – gph (L/h) | 20.4 (77.2) | 23.4 (88.6) |
| Fuel Tank Capacity – gal (L) | 180 (681) | 198 (749) |
| DIMENSIONS WITH RUNNING GEAR | | |
| Overall Length – in (mm) | 202.75 (5150) | 292.4 (7427) |
| Overall Width – in (mm) | 83.6 (2123) | 90 (2286) |
| Overall Height – in (mm) excluding exh pipe | 100.5 (2552.7) | 100 (2540) |
| Track Width – in (mm) | 78.5 (1994) | 71 (1803) |
| Tire Size | 215/75R-17.5 | 215/75R17.5 |
| Shipping Weight w/o fuel – lb (kg) | 15177 (6884) | 17874 (8108) |
| Working Weight w/ fuel – lb (kg) | 17021 (7721) | 19565 (8875) |
| DIMENSIONS WITHOUT RUNNING GEAR | | |
| Overall Length – in (mm) | 193.5 (4915) | 225.4 (5726) |
| Overall Width – in (mm) | 83.6 (2123) | 90 (2286) |
| Overall Height – in (mm) w/shockmounts | 84.9 (2156) | 87.1 (2213) |
| Shipping Weight w/o fuel – lb (kg) | 14230 (6455) | 16899 (7665) |
| Working Weight w/ fuel – lb (kg) | 16074 (7291) | 18590 (8435) |

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

Warranty

- 1-year/2,000-hour package warranty
- 2-year/4,000-hour warranty airend standard
- 5-year/10,000-hour warranty when genuine filters, fluids and parts from an authorized Doosan Portable Power dealer are used at the prescribed maintenance intervals



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