



## Doosan Portable Power HP1600 Spec Sheet

# DOOSAN

| Model                                       | HP1600                |
|---------------------------------------------|-----------------------|
| <b>COMPRESSOR ROTARY SCREW/SINGLE-STAGE</b> |                       |
| Free-Air Delivery – cfm (m3/min)            | 1600 (45.3)           |
| Rated Operating Pressure – psig (bar)       | 150 (10.3)            |
| Pressure Range – psig (bar)                 | 80 - 150 (5.5 - 10.3) |
| Air Discharge Outlet Size – in (mm)         | 3 NPT (76.2)          |
| Air Discharge Outlet Quantity               | 1 (2 with IQ)         |
| Fuel Tank Capacity – gal (L)                | 222.4 (841.9)         |
| <b>ENGINE</b>                               |                       |
| Make/Model                                  | Cummins/QSX15         |
| Emissions Tier Level                        | Tier 4 Final (T4F)    |
| Number of Cylinders                         | 6                     |
| Displacement – cu in (L)                    | 912 (14.9)            |
| Rated Speed – rpm                           | 1800                  |
| Idle Speed – rpm                            | 1200                  |
| Bhp @ Rated Speed (kW)                      | 580 (433)             |
| Electrical - volts                          | 24                    |
| Hours of Operation @ Full Load              | 8.13                  |
| <b>DIMENSIONS WITH RUNNING GEAR</b>         |                       |
| Length – in (mm)                            | 292.4 (7427)          |
| Width – in (mm)                             | 90.1 (2290)           |
| Height – in (mm)                            | 99.5 (2527)           |
| Track Width – in (mm)                       | 71 (1803)             |
| Tire Size – in                              | 17.5                  |
| Shipping Weight – w/o fuel – lb (kg)        | 17874 (8106)          |
| Working Weight – w fuel – lb (kg)           | 19565 (8873)          |
| <b>DIMENSIONS WITHOUT RUNNING GEAR</b>      |                       |
| Length – in (mm)                            | 228.2 (5796)          |
| Width – in (mm)                             | 90.1 (2290)           |
| Height – in (mm)                            | 98.2 (2494)           |
| Shipping Weight – w/o fuel – lb (kg)        | 16899 (7664)          |
| Working Weight – w fuel – lb (kg)           | 18590 (8431)          |

## Key Features

- Environmentally friendly containment basin offers 110 percent fluid containment, capturing and preventing the spillage of fuel and oil.
- A single-row cooler design encourages easy maintenance and helps ensure high performance in demanding conditions, while a cool-box design prolongs component life and eliminates long cool-down periods.
- Industry-leading service intervals to maximize uptime: Engine oil service needs to be completed only every 500 hours, and airend oil service every 1,000 hours.
- Cummins QSX15 engine delivers both power and efficiency, and is balanced with quiet operation.
- Advanced control system provides easy access to relevant operation and parts manuals, a machine maintenance schedule and spare parts information.
- The full-color, digital display system with LED back-lighting makes machine monitoring easy and efficient.

