



HP1600

DOOSAN®

Model	HP1600
COMPRESSOR ROTARY SCREW / SINGLE-STAGE	
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)
ENGINE	
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
DIMENSIONS WITH RUNNING GEAR	
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)
DIMENSIONS WITHOUT RUNNING GEAR	
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.



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