



HP450/VHP400



Model	HP450/VHP400	
COMPRESSOR ROTARY SCREW/SINGLE-STAGE	LOW PRESSURE	HIGH PRESSURE
Free-Air Delivery – cfm (m3/min)	450 (12.7)	400 (11.3)
Rated Operating Pressure – psig (bar)	150 (10.3)	200 (13.8)
Pressure Range – psig (bar)	80 - 225 (5.5 - 15.5)	
Air Discharge Outlet Size – in (mm)	1.25 (31.75)	
Air Discharge Outlet Quantity	1	
Fuel Tank Capacity – gal (L)	60 (227)	
ENGINE		
Make/Model	Cummins/F3.8L	
Emissions Tier Level	Tier 4 Final (T4F)	
Number of Cylinders	4	
Displacement – cu in (L)	231 (3.8)	
Rated Speed – rpm	2500	2250
Idle Speed – rpm	1500	
Bhp @ Rated Speed (kW)	173 (129)	173 (129)
Electrical - volts	24	
Hours of Operation @ Full Load	8	8
DIMENSIONS WITH RUNNING GEAR		
Length – in (mm)	152.5 (3874)	
Width – in (mm)	78.2 (1986)	
Height – in (mm)	69.9 (1775)	
Track Width – in (mm)	66.6 (1692)	
Tire Size – in	15	
Shipping Weight – w/o fuel – lb (kg)	4334 (1966)	
Working Weight – w fuel – lb (kg)	4776 (2166)	
DIMENSIONS WITHOUT RUNNING GEAR		
Length – in (mm)	104.2 (2647)	
Width – in (mm)	60.7 (1542)	
Height – in (mm)	61 (1549)	
Shipping Weight – w/o fuel – lb (kg)	4071 (1846)	
Working Weight – w fuel – lb (kg)	4513 (2047)	

Key Features

- Versatility in application increases productivity and lowers total cost of ownership.
- Sturdy design includes corrosion-resilient galvanneal steel enclosure, A-frame drawbar and heavy duty axles.
- Thermostatic clutch-driven cooling fan ensures quiet operation and cuts fuel costs by an average of 10% (in cold weather conditions).
- State-of-the-art control panel provides easy-to-use operator interface.
- Equipped with a Doosan-designed and manufactured airend that offers a highly efficient rotor profile, requiring less horsepower to deliver high-volume cfm output.
- Powered by a reliable Cummins F3.8L engine that provides outstanding performance and productivity.

