

DOOSAN

COMPRESSOR ROTARY SCREW/SINGLE-STAGE Free-Air Delivery – cfm (m3/min) Rated Operating Pressure – psig (bar) Rotard Operating Pressure – psig (bar) Air Discharge Outlet Size – in (mm) Air Discharge Outlet Size – in (mm) Air Discharge Outlet Quantity Fuel Tank Capacity – gal (L) ENGINE Make/Model Cummins/QSB4.5 Emissions Tier Level Number of Cylinders Displacement – cu in (L) Rated Speed – rpm Clear Speed – rpm Clear Speed (kW) Electrical - volts Electrical - volts Fuelsthe – in (mm) Displacement – in (mm) Peight – in (mm) Track Width – in (mm) Displace – in (mm) Displace – in (mm) Track Width – in (mm) Track Width – in (mm) Displace – in (mm) Displace – in (mm) Displace – in (mm) Track Width – in (mm) Track Width – in (mm) Displace – in (mm)	Model	HP450/VHP400		
COMPRESSOR ROTARY SCREW/SINGLE-STAGE PRESSURE 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) EMGINE Cummins/QSB4.5 Make/Model Cummins/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) 272 (4.5) Rated Speed – rpm 2350 2100 Idle Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) (121.6) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 DIMENSIONS WITH RUNNING GEAR Length – in (mm) 78.2 (1986) Height – in (mm) 66.6 (1692) Tire Size – in 15 Shipping Weight – w/o fuel – lb (kg) 5030 (2281) DIMENSIONS				
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/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) 272 (4.5) Rated Speed – rpm 2350 2100 Idle Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) (121.6) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 DIMENSIONS WITH RUNNING GEAR Length – 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) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) 104.2 (2647) Width – in (mm) <t< td=""><td>COMPRESSOR ROTARY SCREW/SINGLE-STAGE</td><td></td><td></td></t<>	COMPRESSOR ROTARY SCREW/SINGLE-STAGE			
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Air Discharge Outlet Size – in (mm) Air Discharge Outlet Quantity Fuel Tank Capacity – gal (L) ENGINE Make/Model Emissions Tier Level Mimber of Cylinders Displacement – cu in (L) Cummins/QSB4.5 Rated Speed – rpm Cummins (Aspeed (kW)) Cummins/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) Cr2 (4.5) Rated Speed – rpm Cummins/QSB4.5 Rated Speed (kW) Cummins/QSB4.5 Rated Speed (kW) Cummins/QSB4.5 Rated Speed – rpm Cummins/Cummin	Rated Operating Pressure – psig (bar)	150 (10.3)	200 (13.8)	
Air Discharge Outlet Quantity Fuel Tank Capacity – gal (L) 60 (227) ENGINE Make/Model Cummins/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) Rated Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) (121.6) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 DIMENSIONS WITH RUNNING GEAR Length – in (mm) 152.5 (3874) Width – in (mm) 69.9 (1775) Track Width – in (mm) 66.6 (1692) Tire Size – in 15 Shipping Weight – w/o fuel – lb (kg) 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) 4207 (1908)	Pressure Range – psig (bar)	80 - 225 (5.5 - 15.5)		
Fuel Tank Capacity – gal (L) ENGINE Make/Model Cummins/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) 272 (4.5) Rated Speed – rpm 2350 2100 Idle Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 DIMENSIONS WITH RUNNING GEAR Length – in (mm) 78.2 (1986) Height – in (mm) 69.9 (1775) Track Width – in (mm) 69.9 (1775) Track Width – in (mm) 66.6 (1692) Tire Size – in 15 Shipping Weight – w/o fuel – lb (kg) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Air Discharge Outlet Size – in (mm)	1.25 (31.75)		
ENGINE Make/Model Cummins/QSB4.5 Emissions Tier Level Number of Cylinders Displacement – cu in (L) Rated Speed – rpm 1500 Bhp @ Rated Speed (kW) Bhp @ Rated Speed (kW) Electrical - volts Electrical - volts Electrical - in (mm) Track Width – in (mm) Track Width – in (mm) DIMENSIONS WITH OUT RUNNING GEAR Length – in (mm) Length – w/o fuel – lb (kg) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) Length – w/o fuel – lb (kg) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) Length – in (mm) At 2 (1986) At 70 (2027) Working Weight – w/o fuel – lb (kg) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) Length – in (mm) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) At 70 (2027) Working Weight – w fuel – lb (kg) DIMENSIONS WITHOUT RUNNING GEAR Length – in (mm) At 70 (2047) Width – in (mm) At 70 (2047)	Air Discharge Outlet Quantity	1		
Make/Model Cummins/QSB4.5 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Displacement – cu in (L) 272 (4.5) Rated Speed – rpm 2350 2100 Idle Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) (121.6) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 DIMENSIONS WITH RUNNING GEAR Length – 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) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Fuel Tank Capacity – gal (L)	60 (227)		
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Displacement – cu in (L) 272 (4.5) Rated Speed – rpm 2350 2100 Idle Speed – rpm 1500 Bhp @ Rated Speed (kW) 168 163 (125.3) (121.6) Electrical - volts 24 Hours of Operation @ Full Load 8.5 8.3 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) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Emissions Tier Level	Tier 4 Final (T4F)		
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Track Width – in (mm) 66.6 (1692) Tire Size – in 15 Shipping Weight – w/o fuel – lb (kg) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Width – in (mm)	78.2 (1986)		
Tire Size – in 15 Shipping Weight – w/o fuel – lb (kg) 4470 (2027) Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Height – in (mm)	69.9 (1775)		
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Working Weight – w fuel – lb (kg) 5030 (2281) 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) 4207 (1908)	Tire Size – in	15		
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) 4207 (1908)	Shipping Weight – w/o fuel – lb (kg)	4470 (2027)		
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Width – in (mm) 60.7 (1542) Height – in (mm) 61 (1549) Shipping Weight – w/o fuel – lb (kg) 4207 (1908)	DIMENSIONS WITHOUT RUNNING GEAR			
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Shipping Weight – w/o fuel – lb (kg) 4207 (1908)	Width – in (mm)	60.7 (1542)		
	Height – in (mm)	61 (1	61 (1549)	
Working Weight – w fuel – lb (kg) 4767 (2162)	Shipping Weight – w/o fuel – lb (kg)	4207	(1908)	
	Working Weight – w fuel – lb (kg)	4767	4767 (2162)	

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 QSB 4.5L engine that provides outstanding performance and productivity.







Blanchard Machinery Inc.

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