



**Product Data: CPS 750**

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**Effective: 11/01/08**

## CPS 750

Portable Air Compressor

<b>Compressor Data</b>	
Free Air Delivery @ Normal Working Pressure	750 CFM
Normal Working Pressure	100 PSI
Maximum Unloading Pressure	125 PSI
Minimum Working Pressure	58 PSI
Compression Stages	1
Compressor Cooling System	Air / Oil
Air Receiver Capacity	2.2 ft <sup>3</sup>
Approximate Air Outlet Temperature	100° F Above Ambient
Outlet Valve Configuration	1 x 1½" & 2 x ¾" with Claw Couplings
Sound Pressure Level at Normal Working Pressure and Maximum Load Speed	76 dB(a) @ 23 Feet
<b>Wheel Mounted Dimensions:</b>	
Length	203 Inches
Width	78 Inches
Height	78 Inches
Weight (dry)	5,580 Pounds
Weight (wet)	6,405 Pounds
Tire Size	LT235/85R16
Tire Pressure	80 PSI
Maximum Towing Speed	50 MPH
<b>Skid Mounted Dimensions:</b>	
Length	132 Inches
Width	62 Inches
Height	72 Inches
Weight (dry)	5,010 Pounds
Weight (wet)	5,835 Pounds
Maximum Ambient Temperature	125° F *
Maximum Relative Humidity	85% *
Maximum Altitude	13000 Feet *
Minimum Starting Temperature (w/o assist)	14° F



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<b>Diesel Engine Data</b>	
Engine Manufacturer	Caterpillar
Model Number	6.6 Acert EPA Tier III
Horsepower Developed @ Rated Speed	200 HP @ 2200 RPM
Engine Type	Inline Four Cycle Diesel w/ Direct Fuel Injection
Number of Cylinders	6
Aspiration	Turbocharged
Bore x Stroke	110 mm x 127 mm
Displacement	7.2 Liters
Compression Ratio	
Cooling System	Water
Maximum Loaded Speed	2500 RPM
Unloaded Speed	1300 RPM
Fuel Consumption @ 0% Load	3.8 Gallons per Hour
Fuel Consumption @ 100% Load	10.0 Gallons per Hour
Electrical System	24V Negative Ground
Battery Capacity	2 x 100 Ah
Cold Cranking Current (Per DIN 72311)	650 CCA
<b>Capacities</b>	
Engine Oil Capacity	6.75 Gallons
Engine Coolant Capacity	7.90 Gallons
Compressor Oil Capacity	12 Gallons
Fuel Tank Capacity	76 Gallons

*\* Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations  
Design and specifications are subject to change without notice or obligation*