

D750P D825P D900P



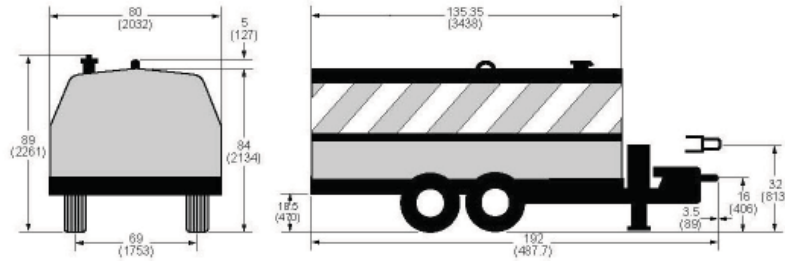
FEATURES

- Automatic 0 to 100% Capacity Control
- One 2" Service Connection
- Oil Level Sight Gauge
- Caterpillar Engine
- Steel Fuel Tank
- Ether Starting Aid
- Single Point Lifting Bail
- Dual-Axle Running Gear
- Dual Pressure Regulators
- Adjustable 3" Lunnette Eye
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Automatic Blowdown Valve
- Large Service Doors for ease of Maintenance
- Dual Air Outlets (On Aftercooled Only)
- Standard Instrumentation
 - Fuel Level Gauge*
 - Air Filter Maintenance Indicators*
 - Air/Oil Separator Maintenance Indicators*
 - Tachometer/Hourmeter*
 - Discharge Pressure Gauge*
 - Engine Oil Pressure Light*
 - Engine Water Temperature Light*
 - Voltmeter*
 - Low Coolant Warning Light*
 - Compressor Discharge Temperature Gauge*
- Options
 - Built in Aftercooler, Filters*

PLUS MANY OTHERS

DIMENSIONS

(Metric in Parentheses)



SPECIFICATIONS

(Metric in Parentheses)

COMPRESSOR

	D750PCA	D750PHCA	D825PCA	D900PCA
Type	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)
Oil Capacity	30 gal. (114 L)	30 gal. (114 L)	30 gal. (114 L)	30 gal. (114 L)
Total Receiver Volume	11.5 ft. ³ (362 L)	11.5 ft. ³ (362 L)	11.5 ft. ³ (362 L)	11.5 ft. ³ (362 L)
Air Service Connections	2" NPT	2" NPT	2" NPT	2" NPT
Type Cooling System	Oil to Air	Oil to Air	Oil to Air	Oil to Air
Type Air Intake System	Three Stage Dry	Three Stage Dry	Three Stage Dry	Three Stage Dry
Type of Control	0-100% Demand	0-100% Demand	0-100% Demand	0-100% Demand
Tire Size	14.5-6HP 14 Ply Rating	14.5-6HP 14 Ply Rating	14.5-6HP 14 Ply Rating	14.5-6HP 14 Ply Rating
Rated Delivery	750 cfm (21.2 m ³ /min)	750 cfm (21.2 m ³ /min)	825 cfm (23.3 m ³ /min)	900 cfm (26.4 m ³ /min)
Rated Operating Pressure	100 psig (700 kPa)	150 psig (1034 kPa)	125 psig (860 kPa)	100 psig (700 kPa)
Operating Pressure Range	70-125 psig (480-860 kPa)	70-150 psig (480-860 kPa)	70-125 psig (480-860 kPa)	70-125 psig (480-860 kPa)
Estimated Weight, Serviced	9000 lbs	9000 lbs	9000 lbs	9000 lbs

ENGINE

	D750PCA	D750PHCA	D825PCA	D900PCA
Type	Diesel	Diesel	Diesel	Diesel
Make	CATERPILLAR	CATERPILLAR	CATERPILLAR	CATERPILLAR
Model	C7 ACERT	C7 ACERT	C7 ACERT	C7 ACERT
Number of Cylinders	6	6	6	6
Bore and Stroke	4.33" x 5.0" (110 x 127mm)	4.33" x 5.0" (110 x 127mm)	4.33" x 5.0" (110 x 127mm)	4.33" x 5.0" (110 x 127mm)
Displacement	442 in ³ (7.2 L)	442 in ³ (7.2 L)	442 in ³ (7.2 L)	442 in ³ (7.2 L)
Total Oil Capacity	7.5 gal. (28 L)	7.5 gal. (28 L)	7.5 gal. (28 L)	7.5 gal. (28 L)
Cooling System Capacity	42 qts (40 L)	42 qts (40 L)	42 qts (40 L)	42 qts (40 L)
Battery Rating	24 Volts	24 Volts	24 Volts	24 Volts
CCA @ 0°F	1150 Amps per Battery	1150 Amps per Battery	1150 Amps per Battery	1150 Amps per Battery
Idle Speed	1400 RPM	1400 RPM	1400 RPM	1400 RPM
Fuel Tank Capacity	125 gal (473 L)	125 gal (473 L)	125 gal (473 L)	125 gal (473 L)
Horsepower @ rated RPM	275 HP	275 HP	275 HP	275 HP
Full Load Speed	1800 RPM	1800 RPM	2000 RPM	2200 RPM