

D1300P D1600P D1800P



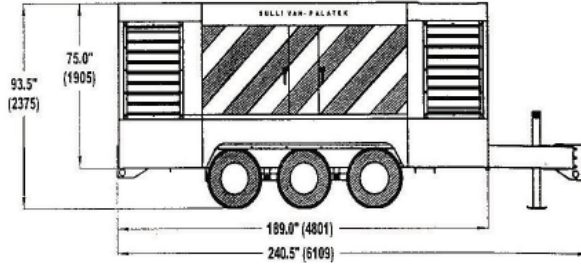
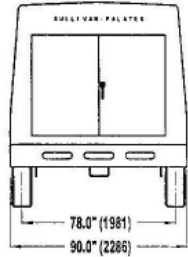
FEATURES

- Air End Manufactured by Sullivan-Palatek
- Exclusive Three Year Warranty
- Automatic 0 to 100% Capacity Control
- 10" Closed Start, Pneumatic Valve
- One 3" Service Connection
- Oil Level Sight Gauge
- Caterpillar Engine
- Steel Fuel Tank
- Ether Starting Aid
- Single Point Lifting Ball
- Tri-Axle Running Gear
- Adjustable 3" Lunette Eye
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Direct Drive-No Gears
- Large Service Doors: ease of Maintenance
- Automatic Blowdown Valve
- Dual Air Outlets (On Aftercooler Only)
- Standard Instrumentation
 - Air Filter Maintenance Indicator*
 - Air/Oil Separator Maintenance Indicator*
 - Tachometer/Hourmeter*
 - Engine Oil Pressure Gauge*
 - Engine Water Temperature Gauge*
 - Fuel Level Gauge*
 - Voltmeter*
 - Compressor Discharge Temperature Gauge*
 - Compressor Discharge Air Pressure Gauge*
 - Low Coolant Warning Light*
- Options
 - Built in Aftercooler and Filters

PLUS MANY MORE

DIMENSIONS

(Metric in Parentheses)



SPECIFICATIONS

(Metric in Parentheses)

COMPRESSOR

	D1300PHCA	D1600PCA	D1600PHCA	D1800PCA
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	55 gal. (208 L)	55 gal. (208 L)	55 gal. (208 L)	55 gal. (208 L)
Total Receiver Volume	21 ft. ³ (595 L)	21 ft. ³ (595 L)	21 ft. ³ (595 L)	21 ft. ³ (595 L)
Air Service Connections	3" NPT	3" NPT	3" NPT	3" NPT
Type Cooling System	Oil to Air	Oil to Air	Oil to Air	Oil to Air
Type Air Intake System	Two Stage Dry	Two Stage Dry	Two Stage Dry	Two Stage Dry
Type of Control	0-100% Demand	0-100% Demand	0-100% Demand	0-100% Demand
Tire Size	8-14.5	8-14.5	8-14.5	8-14.5
Rated Delivery	1300 cfm (37 m ³ /min)	1600 cfm (45 m ³ /min)	1600 cfm (37 m ³ /min)	1800 cfm (51 m ³ /min)
Rated Operating Pressure	150 psig (1034 kPa)	125 psig (860 kPa)	150 psig (1034 kPa)	125 psig (860 kPa)
Operating Pressure Range	70-170 psig (480-1172 kPa)	70-125 psig (480-860 kPa)	70-170 psig (480-1172 kPa)	70-125 psig (480-860 kPa)
Estimated Weight, Serviced	19000 lbs	19000 lbs	19000 lbs	19000 lbs

ENGINE

	D1300PHCA	D1600PCA	D1600PHCA	D1800PCA
Type	Diesel	Diesel	Diesel	Diesel
Make	CATERPILLAR	CATERPILLAR	CATERPILLAR	CATERPILLAR
Model	C15 ACERT	C15 ACERT	C15 ACERT	C15 ACERT
Number of Cylinders	6	6	6	6
Bore and Stroke	5.4" x 6.75" (137 x 171mm)	5.4" x 6.75" (137 x 171mm)	5.4" x 6.75" (137 x 171mm)	5.4" x 6.75" (137 x 171mm)
Displacement	928 in ³ (15.2 L)	928 in ³ (15.2 L)	928 in ³ (15.2 L)	928 in ³ (15.2 L)
Total Oil Capacity	8.75 gal. (33 L)	8.75 gal. (33 L)	8.75 gal. (33 L)	8.75 gal. (33 L)
Cooling System Capacity	18.5 gal (70 L)	18.5 gal (70 L)	18.5 gal (70 L)	18.5 gal (70 L)
Battery Rating	24 Volts	24 Volts	24 Volts	24 Volts
CCA @ 0°F	1400 Amps per Battery	1400 Amps per Battery	1400 Amps per Battery	1400 Amps per Battery
Idle Speed	1400 RPM	1400 RPM	1400 RPM	1400 RPM
Fuel Tank Capacity	200 gal (757 L)	200 gal (757 L)	200 gal (757 L)	200 gal (757 L)
Horsepower @ rated RPM	475 HP	475 HP	540 HP	475 HP
Full Load Speed	1700 RPM	1900 RPM	1900 RPM	2100 RPM