

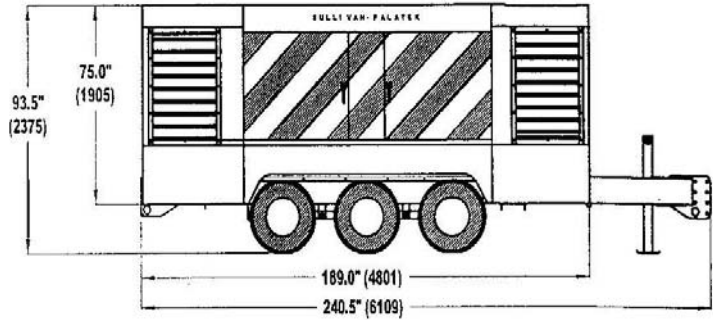
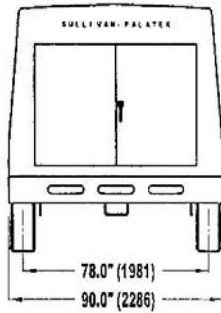


## ***Sullivan-Palatek Portable Compressors*** **Sizes 1300, 1600 and 1800 CFM**

- Large 321mm Diameter Twin Screw Air End
  - Manufactured by Sullivan-Palatek
  - Exclusive Three Year Warranty
  - Automatic 0 to 100% Capacity Control
  - 8" Closed Start, Pneumatic Valve
  - One 3" Service Connection
  - Oil Level Sight Gauge
  - Caterpillar or Cummins Engine
  - Steel Fuel Tank
  - Ether Starting Aid
  - Single Point Lifting Bail
  - Tri-Axle Running Gear
  - Adjustable 3" Lunnette 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 (with Aftercooler option)
  - Standard Instrumentation
    - Air Filter Maintenance Indicator*
    - Air/Oil Separator Maintenance Indicator*
    - Tachometer/Hourmeter*
    - Engine Oil Pressure Gauge*
    - Engine Water Temperature Gauge*
    - Fuel Level Gauge, low fuel shutdown*
    - 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

		COMPRESSORS		ENGINES		
		Rated Delivery	Rated Operating Pressure	Model	HP @ Rated RPM	Full Load Speed
<b>CATERPILLAR</b>	D1300PHCA	1300 cfm (37 m <sup>3</sup> /min)	150 psig (10 Bar)	C15 ACERT	475 HP	1800 RPM
	D1600P1CA	1600 cfm (45 m <sup>3</sup> /min)	125 psig (8.6 Bar)	C15 ACERT	475 HP	1900 RPM
	D1600PH1CA	1600 cfm (45 m <sup>3</sup> /min)	150 psig (10 Bar)	C15 ACERT	540 HP	2000 RPM
	D1800PCA	1800 cfm (51 m <sup>3</sup> /min)	125 psig (8.6 Bar)	C15 ACERT	475 HP	2100 RPM
<b>CUMMINS</b>	D1300PHCU	1300 cfm (37 m <sup>3</sup> /min)	150 psig (10 Bar)	QSX15	485 HP	1700 RPM
	D1600P1CU	1600 cfm (45 m <sup>3</sup> /min)	125 psig (8.6 Bar)	QSX15	485 HP	1900 RPM
	D1600PH1CU	1600 cfm (45 m <sup>3</sup> /min)	150 psig (10 Bar)	QSX15	535 HP	1900 RPM
	D1800PCU	1800 cfm (51 m <sup>3</sup> /min)	125 psig (8.6 Bar)	QSX15	485 HP	2100 RPM

CATERPILLAR (All CA Models)		CUMMINS (All CU Models)	
COMPRESSOR SPECS		COMPRESSOR SPECS	
Type	Single Stage, oil flooded rotary screw	Type	Single Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)	Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)
Oil Capacity	55 gal. (208 L)	Oil Capacity	55 gal. (208 L)
Total Receiver Volume	21 ft. <sup>3</sup> (595 L)	Total Receiver Volume	21 ft. <sup>3</sup> (595 L)
Air Service Connections	3" NPT	Air Service Connections	3" NPT
Type Cooling System	Oil to Air	Type Cooling System	Oil to Air
Type Air Intake System	Two Stage Dry	Type Air Intake System	Two Stage Dry
Type of Control	0-100% Demand	Type of Control	0-100% Demand
Tire Size	8-14.5	Tire Size	8-14.5
Operating Pressure Range	70-150 psig (4.8 - 10 Bar)	Operating Pressure Range	70-150 psig (4.8 - 10 Bar)
Estimated Weight, Serviced	19000 lbs	Estimated Weight, Serviced	19000 lbs
ENGINE SPECS		ENGINE SPECS	
Type	Diesel	Type	Diesel
Make	CATERPILLAR	Make	Cummins
Number of Cylinders	6	Number of Cylinders	6
Bore and Stroke	5.4" x 6.75" (137 x 171mm)	Bore and Stroke	5.4" x 6.7" (137 x 169mm)
Displacement	928 in <sup>3</sup> (15.2 L)	Displacement	915 in <sup>3</sup> (15 L)
Total Oil Capacity	8.75 gal. (33 L)	Total Oil Capacity	12 gal. (45.41 L)
Cooling System Capacity	18.5 gal. (70 L)	Cooling System Capacity	18.5 gal. (70 L)
Battery Rating	24 Volts	Battery Rating	24 Volts
CCA @ 0°F	1400 Amps per Battery	CCA @ 0°F	1400 Amps per Battery
Idle Speed	1400 RPM	Idle Speed	1400 RPM
Fuel Tank Capacity	200 gal (757 L)	Fuel Tank Capacity	200 gal. (757 L)