

# Sullivan Palatek

D1300-D1800  
Portable Series



## FEATURES

- Large 321mm Diameter Twin Screw Air End  
Manufactured by Sullivan-Palatek
- Exclusive Three Year Warranty
- Automatic 0 to 100% Capacity Control
- 8" Closed Start, Inlet 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" Lunette Eye
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Direct Drive-No Gears
- Containment Base
- Large Service Doors for Easy 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*

*Dedicated to Quality & Committed to Support*

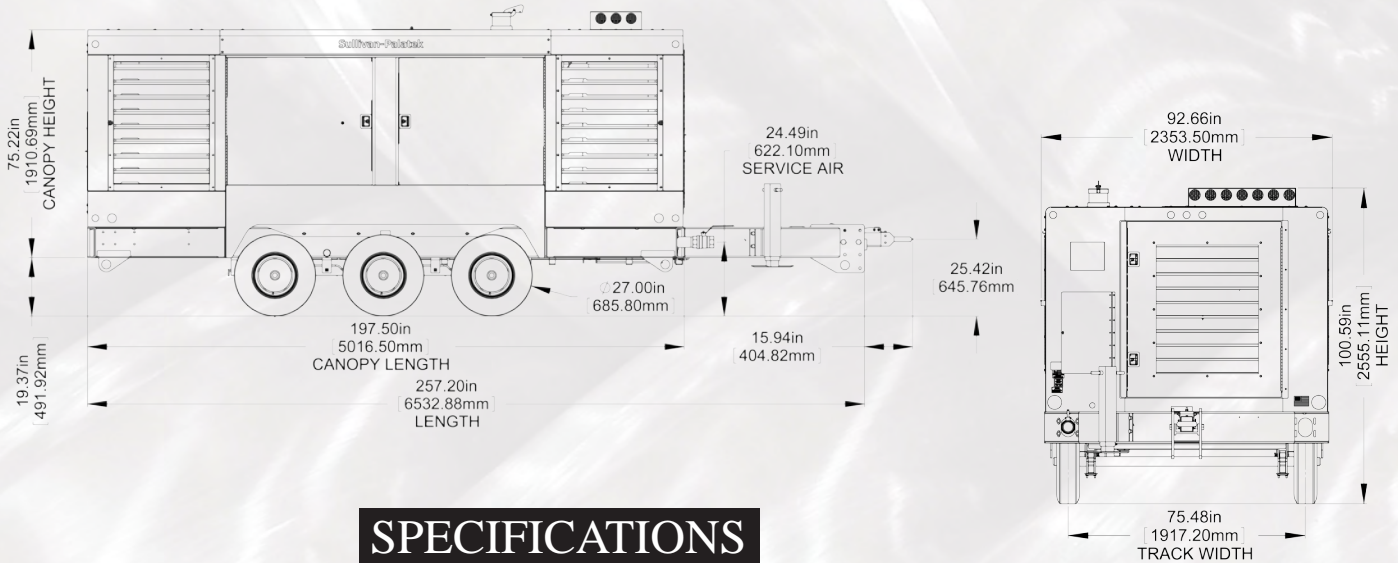


# TECHNICAL DATA

Dimensions & Specifications subject to change without notice

## DIMENSIONS

(Metric in Parentheses)



## SPECIFICATIONS

COMPRESSOR SPECS	
CATERPILLAR (All CA Models) CUMMINS (All CU Models)	
Type	Single Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)
Oil Capacity	55 gal. (208 L)
Total Receiver Volume	21 ft. <sup>3</sup> (595 L)
Air Service Connections	3" NPT
Type Cooling System	Oil to Air
Type Air Intake System	Two Stage Dry
Type of Control	0-100% Demand
Tire Size	8-14.5
Operating Pressure Range	70-150 psig (4.9 - 10.3 Bar)
Estimated Weight, Serviced	19000 lbs

ENGINE SPECS		
	CATERPILLAR	CUMMINS
Type	Diesel	Diesel
Number of Cylinders	6	6
Bore and Stroke	5.4" x 6.75" (137 x 171mm)	5.4" x 6.7" (137 x 169mm)
Displacement	928 in <sup>3</sup> (15.2 L)	915 in <sup>3</sup> (15 L)
Total Oil Capacity	8.75 gal. (33 L)	12 gal. (45.41 L)
Cooling System Capacity	18.5 gal. (70 L)	18.5 gal. (70 L)
Battery Rating	24 Volts	24 Volts
CCA @ 0°F	1400 Amps per Battery	1400 Amps per Battery
Idle Speed	1400 RPM	1400 RPM
Fuel Tank Capacity	200 gal (757 L)	200 gal. (757 L)

		COMPRESSORS		ENGINES		
		Rated Delivery	Rated Operating Pressure	Model	HP @ Rated RPM	Full Load Speed
CATERPILLAR	D1300PHCA	1300 cfm (37 m <sup>3</sup> /min)	150 psig (10.3 Bar)	C15 ACERT	475 HP	1800 RPM
	D1600PCA	1600 cfm (45 m <sup>3</sup> /min)	125 psig (8.6 Bar)	C15 ACERT	475 HP	1900 RPM
	D1600PHCA	1600 cfm (45 m <sup>3</sup> /min)	150 psig (10.3 Bar)	C15 ACERT	540 HP	2000 RPM
	D1800PCA	1800 cfm (51 m <sup>3</sup> /min)	100 psig (8.6 Bar)	C15 ACERT	475 HP	2100 RPM
CUMMINS	D1300PHCU	1300 cfm (37 m <sup>3</sup> /min)	150 psig (10.3 Bar)	QSX15	485 HP	1800 RPM
	D1600PCU	1600 cfm (45 m <sup>3</sup> /min)	125 psig (8.6 Bar)	QSX15	485 HP	1900 RPM
	D1600PHCU	1600 cfm (45 m <sup>3</sup> /min)	150 psig (10.3 Bar)	QSX15	535 HP	2000 RPM
	D1800PCU	1800 cfm (51 m <sup>3</sup> /min)	100 psig (6.9 Bar)	QSX15	485 HP	2100 RPM
	D1800PMCU	1800 cfm (51 m <sup>3</sup> /min)	125 psig (8.6 Bar)	QSX15	535 HP	2100 RPM

**Sullivan  
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SP750-900SPEC-HM 03/13 2M