

Sullivan Palatek

**D1600-D1800
Portable Series
TIER 4 FINAL**



SmartEquip™

FEATURES

- **NEW** Large 321mm Diameter Twin Screw Air End Manufactured by Sullivan-Palatek
- Exclusive Three Year Warranty
- Automatic 0 to 100% Capacity Control
- 10" Closed Start, Inlet Valve
- 3" Service Connection
- Oil Level Sight Gauge
- Caterpillar Engine
- Steel Fuel Tank (TC Certified)
- Four Point Lifting Bail
- Dual Axle Running Gear
- Electric Brakes
- Adjustable 3" Lunette Eye
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Direct Drive
- Containment Base
- Large Service Doors for Easy Maintenance
- Automatic Blowdown Valve
- Dual Air Outlets (with Aftercooler option)
- **NEW!** Sullivan-Palatek Electronic Controller (SPEC)
 - *Digital Readouts:*
 - Compressor temperature
 - Discharge Pressure
 - Engine oil pressure
 - Engine temperature
 - Voltmeter
 - Tachometer
 - Fuel level - low fuel warning and shutdown
 - Complete engine diagnostic tool
 - Unit converter
 - Multilingual capabilities
 - Waterproof up to six feet
 - Air Filter Service
 - After cooler filter warning
- Options
 - Built in Aftercooler and Filters
 - Hydraulic Brakes

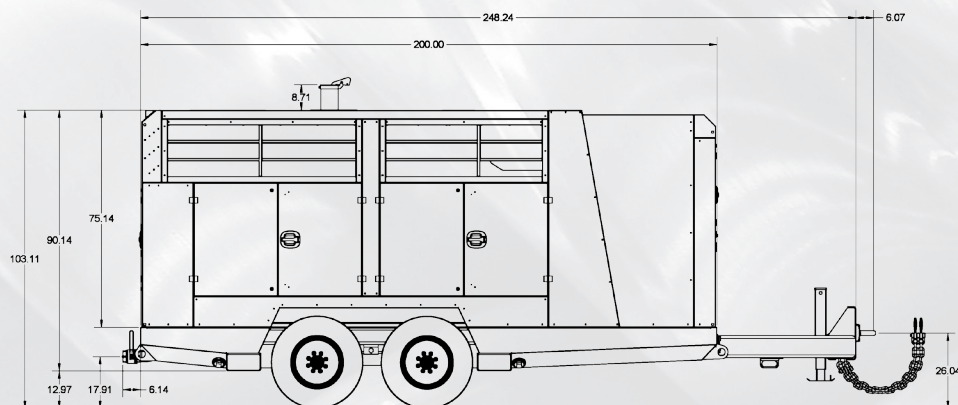
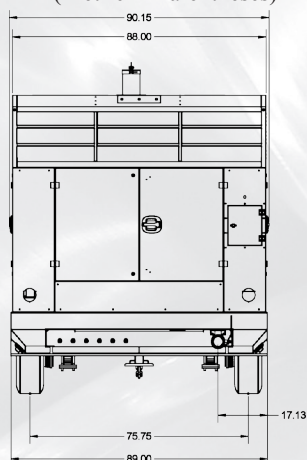
PLUS MANY MORE

TECHNICAL DATA

Dimensions & Specifications subject to change without notice

DIMENSIONS

(Metric in Parentheses)



COMPRESSOR

Model	D1600PHCA4	D1800PCA4
Type	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-40° to +125°F (-40° to +52°C)	-40° to +125°F (-40° to +52°C)
Oil Capacity	55 gal. (208 L)	55 gal. (208 L)
Total Receiver Volume	21 ft. ³ (595 L)	21 ft. ³ (595 L)
Air Service Connections	3" NPT	3" NPT
Type Cooling System	Oil to Air	Oil to Air
Type Air Intake System	Two Stage Dry	Two Stage Dry
Type of Control	0-100% Demand	0-100% Demand
Tire Size	235/75 R17.5	235/75 R17.5
Rated Delivery	1600 cfm (45 m ³ /min)	1800 cfm (51 m ³ /min)
Rated Operating Pressure	150 psig (10.3 Bar)	125 psig (8.6 Bar)
Operating Pressure Range	70-150 psig (4.9 - 10.3 Bar)	70-150 psig (4.9 - 10.3 Bar)
Estimated Weight, Serviced	20,000 lbs	20,000 lbs

ENGINE

	D1600PHCA4	D1800PCA4
Type	Diesel	Diesel
Make	CATERPILLAR	CATERPILLAR
Model	C15 TIER 4 Final	C15 TIER 4 Final
Number of Cylinders	6	6
Bore and Stroke	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)
Total Oil Capacity	19 gal. (72 L)	19 gal. (72 L)
Cooling System Capacity	22 gal. (83 L)	22 gal. (83 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	224 gal (848 L)	224 gal (848 L)
Horsepower @ rated RPM	540 HP	540 HP
Full Load Speed	1800 RPM	1800 RPM
DEF Volume	12.9 gal. (48.8 L)	12.9 gal. (48.8 L)

**Sullivan
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D1600-1800SPEC-FP 4/15 1M