

# Sullivan Palatek®

**D1300-D1800  
Portable Series  
TIER 3**



**SmartEquip™**

## FEATURES

- Large 321mm Diameter Twin Screw
- Air End Manufactured by Sullivan-Palatek, Comes With Exclusive Three Year Warranty
- Automatic 0 to 100% Capacity Control
- 8" Closed Start, Inlet Valve
- 3" Service Connection
- Oil Level Sight Gauge
- Caterpillar or Cummins Engine
- Steel Fuel Tank
- 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
    - Engine oil pressure
    - Engine temperature
    - Voltmeter
    - Tachometer
    - Fuel level - low fuel warning and shutdown
    - Complete engine diagnostic tool
    - Measurement converter
    - Multilingual capabilities
    - Waterproof up to six feet
- Options
  - Built in Aftercooler and Filters
  - Hydraulic Brakes

**PLUS MANY MORE**

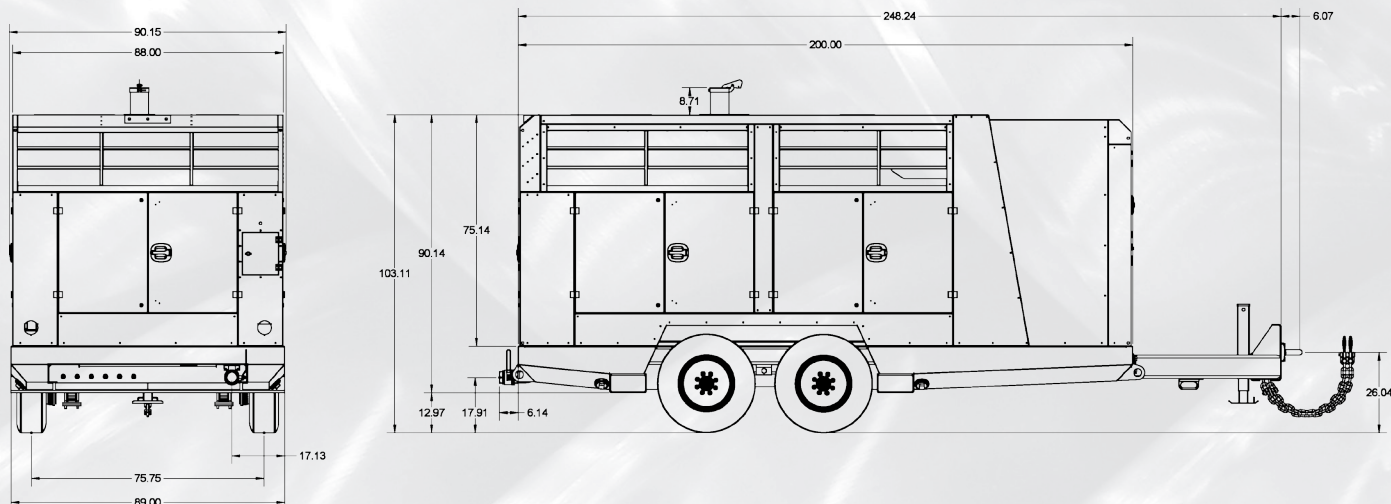


# TECHNICAL DATA

## DIMENSIONS

(Metric in Parentheses)

Dimensions & Specifications subject to change without notice



## SPECIFICATIONS

COMPRESSOR SPECS		D1300PHCU	
Type	Single Stage, oil flooded rotary screw	Rated Delivery	1300 cfm (37 m <sup>3</sup> /min)
Ambient Oper. Temp. Range	-40° to +125°F (-40° to +52°C)	Rated Operating Pressure	150 psig (10.3 Bar)
Oil Capacity	55 gal. (208 L)	Engine HP	485 HP
Total Receiver Volume	21 ft. <sup>3</sup> (595 L)	Full Load Speed	1800 RPM
Air Service Connections	3" NPT	D1600PCU	
Type Cooling System	Oil to Air	Rated Delivery	1600 cfm (45 m <sup>3</sup> /min)
Type Air Intake System	Two Stage Dry	Rated Operating Pressure	125 psig (8.6 Bar)
Type of Control	0-100% Demand	Engine HP	485 HP
Tire Size	235/75 R17.5	Full Load Speed	1900 RPM
Operating Pressure Range	70-150 psig (4.9 - 10.3 Bar)	D1600PHCU	
Estimated Weight, Serviced	20,000 lbs	Rated Delivery	1600 cfm (45 m <sup>3</sup> /min)
ENGINE SPECS		Rated Operating Pressure	150 psig (10.3 Bar)
Type	Diesel Tier 3	Engine HP	535 HP
Model Number	QSX15	Full Load Speed	2000 RPM
Number of Cylinders	6	D1800PCU	
Bore and Stroke	5.4" x 6.7" (137 x 169mm)	Rated Delivery	1800 cfm (51 m <sup>3</sup> /min)
Displacement	915 in. <sup>3</sup> (15 L)	Rated Operating Pressure	100 psig (6.9 Bar)
Total Oil Capacity	12 gal. (45.41 L)	Engine HP	485 HP
Cooling System Capacity	18.5 gal. (70 L)	Full Load Speed	2100 RPM
Battery Rating	24 Volts	D1800PMCU	
CCA @ 0°F	1400 Amps per Battery	Rated Delivery	1800 cfm (51 m <sup>3</sup> /min)
Idle Speed	1400 RPM	Rated Operating Pressure	125 psig (8.6 Bar)
Fuel Tank Capacity	224 gal (1,018 L)	Engine HP	535 HP
		Full Load Speed	2100 RPM

**Sullivan  
Palatek**

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D1300-1800SPEC-FP 4/15 1M