

Sullivan Palatek

D750-D900 Portable Series



Standard Features:

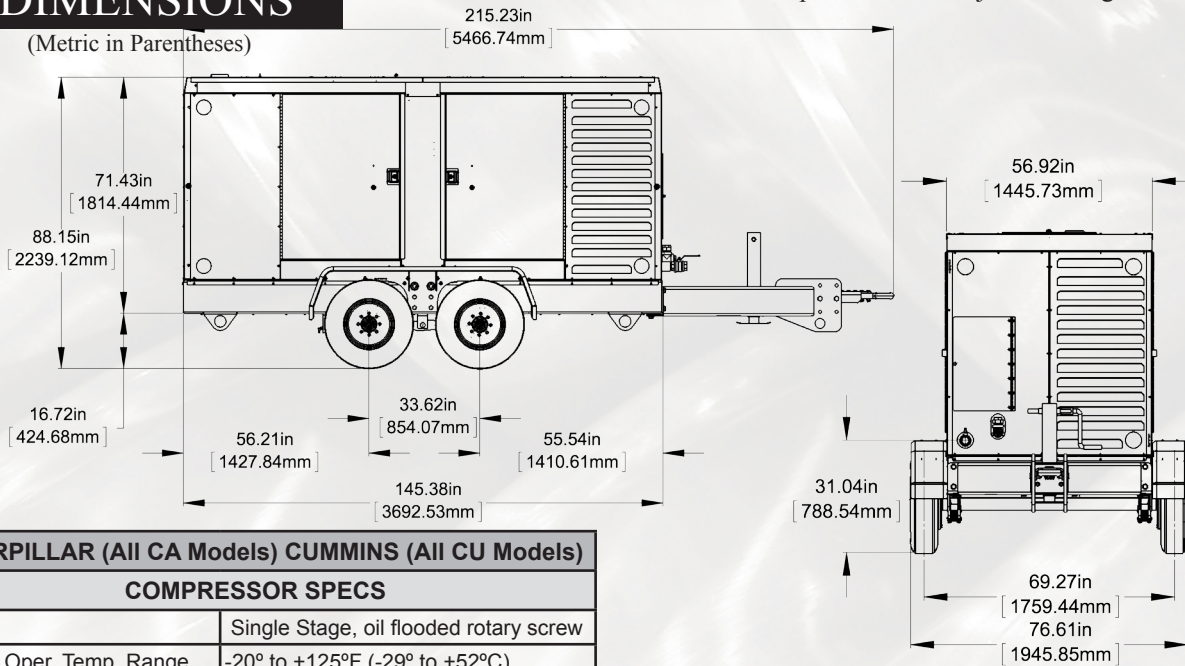
- Large 204mm Diameter Twin Screw Air End
Manufactured In The USA by Sullivan-Palatek
 - Exclusive Three Year Warranty
 - Automatic 0 to 100% Capacity Control
 - 2" Service Connection
 - Oil Level Sight Gauge
 - Caterpillar or Cummins Engine
 - Aluminized Fuel Tanks
 - Single Point Lifting Bail
 - Dual-Axle Running Gear
 - Adjustable 3" Lunette Eye
 - Noise Level Limited to Maximum of 76 dBA at 7 Meters
 - Automatic Shutdown and Protection System
 - Electric Brakes Standard
 - Galvaneal sheet metal
 - Block Heater (Standard with Cummins Engine, Option with CAT Engine)
 - E-Z Lube Azle Bearings
 - Containment Base
 - Automatic Blowdown Valve
 - Large Service Doors for ease of Maintenance
 - Standard Instrumentation
 - Fuel Level Gauge, Low Fuel Shutdown*
 - Air Filter Maintenance Indicators*
 - Air/Oil Separator Maintenance Indicators*
 - Tachometer/Hourmeter*
 - Power View Engine Fault Reader - Cummins Only*
 - Discharge Pressure Gauge*
 - Compressor Temperature Gauge*
 - Engine Oil Pressure Light - CAT Only*
 - Engine Water Temperature Light - CAT Only*
 - Voltmeter*
 - Low Coolant Warning Light*
 - Options
 - Hydraulic Brakes*
 - IQ Instrument Quality Package*
 - Built in Aftercooler*
 - Built in Filters for ISO 8573-1: 2001*
- Standards
- Dual Air Outlets - IQ Standard*
 - More Options Available*

Dedicated to Quality & Committed to Support

TECHNICAL DATA

DIMENSIONS

Dimensions & Specifications subject to change without notice



CATERPILLAR (All CA Models) CUMMINS (All CU Models)

COMPRESSOR SPECS

Type	Single Stage, oil flooded rotary screw
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)
Oil Capacity	30 gal. (114 L)
Total Receiver Volume	11.5 ft. ³ (362 L)
Air Service Connections	2" NPT
Type Cooling System	Oil to Air
Type Air Intake System	Three Stage Dry
Type of Control	0-100% Demand
Tire Size	14.5-6HP 14 Ply Rating
Operating Pressure Range	70-150 psig (4.9-10.3 bar)
Approximate Weight, Serviced	9000 lbs

ENGINE SPECS

Type	Diesel
Make	CATERPILLAR or CUMMINS
Number of Cylinders	6
Cooling System Capacity	10.5 gal. (40 L)
Battery Rating	24 Volts
CCA @ 0°F	1150 Amps per Battery (2)
Idle Speed	1400 RPM
Fuel Tank Capacity	150 gal (568 L)

SPECIFICATIONS

COMPRESSORS

CATERPILLAR

Model	Rated Delivery	Rated Operating Pressure
D750PH3CA	750 cfm (21.2 m ³ /min)	150 psig (10.3 Bar)
D825P3CA	825 cfm (23.3 m ³ /min)	70-125 psig (4.9-8.6 Bar)
D900P3CA	900 cfm (26.4 m ³ /min)	100 psig (7 Bar)

CUMMINS

D750PH3CU	750 cfm (21.2 m ³ /min)	150 psig (10.3 Bar)
D825P3CU	825 cfm (23.3 m ³ /min)	70-125 psig (4.9-8.6 Bar)
D900P3CU	900 cfm (26.4 m ³ /min)	100 psig (7 Bar)
D900PH3CU	900 cfm (26.4 m ³ /min)	150 psig (10.3 Bar)

ENGINES

	Model	Bore & Stroke	Displacement	Total Oil Capacity	HP @ rated RPM	Full Load Speed
CATERPILLAR	D750PH3CA	C7 ACERT 4.33" x 5.0" (110 x 127mm)	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1800 RPM
	D825P3CA	C7 ACERT 4.33" x 5.0" (110 x 127mm)	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1900 RPM
	D900P3CA	C7 ACERT 4.33" x 5.0" (110 x 127mm)	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1900 RPM
CUMMINS	D750PH3CU	QSC 8.3 4.49" x 5.31" (114 x 135 mm)	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1800 RPM
	D825P3CU	QSC 8.3 4.49" x 5.31" (114 x 135 mm)	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM
	D900P3CU	QSC 8.3 4.49" x 5.31" (114 x 135 mm)	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM
	D900PH3CU	QSC 8.3 4.49" x 5.31" (114 x 135 mm)	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM

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SP750-900SPEC-HM 03/13 2M