



Sullivan
Palatek

750-900CFM

TIER 3 \ CAT & CUMMINS ENGINE \ PORTABLE COMPRESSOR



750CFM/150PSI 825CFM/125PSI 900CFM/100PSI 900CFM/150PSI

SPECIFICATIONS

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)
Air Service Connections	2" NPT
Operating Pressure Range	70-150 psig (4.9-10.3 bar)
Approximate Weight, Serviced	9000 lbs
Dimensions L x W x H (in")	215.2" x 76.6" x 88.1"

ENGINE SPECS

Type	Diesel
Make	CATERPILLAR or CUMMINS
Cooling System Capacity	10.5 gal. (40 L)
Battery Rating	24 Volts
CCA @ 0°F	1050 Amps per Battery (2)
Idle Speed	1400 RPM
Fuel Tank Capacity	150 gal (568 L)

COMPRESSORS

CATERPILLAR

Model	Rated Delivery	Rated Operating Pressure
DE750PH3CA	750 cfm (21.2 m ³ /min)	150 psig (10.4 Bar)
DE825P3CA	825 cfm (23.3 m ³ /min)	125 psig (8.6 Bar)
DE900P3CA	900 cfm (26.4 m ³ /min)	100 psig (6.9 Bar)
DE900PH3CA	900 cfm (26.4 m ³ /min)	150 psig (10.4 Bar)

CUMMINS

DE750PH3CU	750 cfm (21.2 m ³ /min)	150 psig (10.4 Bar)
DE825P3CU	825 cfm (23.3 m ³ /min)	125 psig (8.6 Bar)
DE900P3CU	900 cfm (26.4 m ³ /min)	100 psig (6.9 Bar)
DE900PH3CU	900 cfm (26.4 m ³ /min)	150 psig (10.4 Bar)

ENGINES

	Model	Displacement	Total Oil Capacity	HP @ rated RPM	Full Load Speed
CATERPILLAR	DE750PH3CA C7 ACERT	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1800 RPM
	DE825P3CA C7 ACERT	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1900 RPM
	DE900P3CA C7 ACERT	442 cu. In. (7.2L)	7.5 gal. (28 L)	275 HP	1900 RPM
	DE900PH3CA C7 ACERT	442 cu. In. (7.2L)	7.5 gal. (28 L)	300 HP	1900 RPM
CUMMINS	DE750PH3CU QSC 8.3	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1800 RPM
	DE825P3CU QSC 8.3	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM
	DE900P3CU QSC 8.3	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM
	DE900PH3CU QSC 8.3	506 cu. In. (8.3 L)	7.3 gal. (27.5 L)	305 HP	1900 RPM



*IQ Aftercooler/Filter Option

OPTIONS

- » **IQ Instrument Quality Package**
 - Built in aftercooler
 - Built in filters for ISO 8573-1: 2001 Standards
 - Dual air outlets - IQ standard
- » Cold weather packages
- » Remote fueling option

FEATURES

- » Large 204mm Diameter Twin Screw Air End Manufactured In The USA by Sullivan-Palatek
- » Three Year Unlimited Hour Air End 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
- » Galvanneal sheet metal
- » Block Heater (Standard with Cummins Engine, Option with CAT Engine)
- » E-Z Lube Axle Bearings
- » Containment Base
- » Automatic Blowdown Valve
- » Large Service Doors for ease of Maintenance

CONTROLLER

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

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