750-900 CFM
TIER 3 \ CAT & CUMMINS ENGINE \ PORTABLE COMPRESSOR

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

**CATERPILLAR (ALL CA Models) CUMMINS (ALL CU Models)**

### COMPRESSOR SPECS

<table>
<thead>
<tr>
<th></th>
<th>CATERPILLAR</th>
<th>CUMMINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Single Stage, oil flooded rotary screw</td>
<td>Single Stage, oil flooded rotary screw</td>
</tr>
<tr>
<td>Ambient Oper. Temp. Range</td>
<td>-20º to +125ºF (-29º to +52ºC)</td>
<td>-20º to +125ºF (-29º to +52ºC)</td>
</tr>
<tr>
<td>Oil Capacity</td>
<td>30 gal. (114 L)</td>
<td>30 gal. (114 L)</td>
</tr>
<tr>
<td>Air Service Connections</td>
<td>2” NPT</td>
<td>2” NPT</td>
</tr>
<tr>
<td>Operating Pressure Range</td>
<td>70-150 psig (4.9-10.3 bar)</td>
<td>70-150 psig (4.9-10.3 bar)</td>
</tr>
<tr>
<td>Approximate Weight, Serviced</td>
<td>9000 lbs</td>
<td>9000 lbs</td>
</tr>
<tr>
<td>Dimensions L x W x H (in”)</td>
<td>215.2” x 76.6” x 88.1”</td>
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</tr>
</tbody>
</table>

### ENGINE SPECS

**CATERPILLAR**

- **DE750PH3CA**
  - Model: C7 ACERT
  - Displacement: 442 cu. In. (7.2L)
  - Total Oil Capacity: 7.5 gal. (28 L)
  - HP @ rated RPM: 275 HP
  - Full Load Speed: 1800 RPM

- **DE825P3CA**
  - Model: C7 ACERT
  - Displacement: 442 cu. In. (7.2L)
  - Total Oil Capacity: 7.5 gal. (28 L)
  - HP @ rated RPM: 275 HP
  - Full Load Speed: 1900 RPM

- **DE900P3CA**
  - Model: C7 ACERT
  - Displacement: 442 cu. In. (7.2L)
  - Total Oil Capacity: 7.5 gal. (28 L)
  - HP @ rated RPM: 300 HP
  - Full Load Speed: 1900 RPM

- **DE900PH3CA**
  - Model: C7 ACERT
  - Displacement: 442 cu. In. (7.2L)
  - Total Oil Capacity: 7.5 gal. (28 L)
  - HP @ rated RPM: 305 HP
  - Full Load Speed: 1800 RPM

**CUMMINS**

- **DE750PH3CU**
  - Model: QSC 8.3
  - Displacement: 506 cu. In. (8.3 L)
  - Total Oil Capacity: 7.3 gal. (27.5 L)
  - HP @ rated RPM: 305 HP
  - Full Load Speed: 1800 RPM

- **DE825P3CU**
  - Model: QSC 8.3
  - Displacement: 506 cu. In. (8.3 L)
  - Total Oil Capacity: 7.3 gal. (27.5 L)
  - HP @ rated RPM: 305 HP
  - Full Load Speed: 1900 RPM

- **DE900P3CU**
  - Model: QSC 8.3
  - Displacement: 506 cu. In. (8.3 L)
  - Total Oil Capacity: 7.3 gal. (27.5 L)
  - HP @ rated RPM: 305 HP
  - Full Load Speed: 1900 RPM

### 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

### 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
- Oil Level Sight Gauge
- Caterpillar or Cummins Engine
- Aluminumized 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

### 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

### EXPORT

- 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

### SPECIFICATIONS

- Sullivan-Palatek, Inc.
  - 1201 West US Highway 20
  - Michigan City, IN 46360
  - 219.874.2497 sullivan-palatek.com info@palatek.com

Specifications and designs are subject to change without notice. Machines may be shown with optional equipment. 120-E-(REV 002)-8/2016