# 750-900CFM

TIER 4 FINAL \ CAT ENGINE \ PORTABLE COMPRESSOR

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

TIER 4 FINAL

# SPECIFICATIONS

## Compressor

| | |
|---|---|
| Type | Single Stage, oil flooded rotary screw |
| Ambient Oper. Temp. Range | -40º to + 125ºF (-40º to +52ºC) |
| Oil Capacity | 30 gal. (114 L) |
| Air Service Connections | 2" NPT |
| Operating Pressure Range | 70-150 psig (4.9 - 10.3 Bar) |
| Estimated Weight, Serviced | 15,500 lbs |
| Dimensions L x W x H (in") | 254.31" x 90.15" x 111.82" |

## Engine

| Type | Diesel |
|---|---|
| Make & Model | CATERPILLAR C9.3 Tier 4 Final |
| Idle Speed | 1400 RPM |
| Fuel Tank Capacity | 169 gal (640 L) |
| Horsepower @ rated RPM | 350 hp (403 kW) |
| Full Load Speed | 1800 RPM |
| DEF Volume | 12.9 gal (48.8 L) |

## Models

| Model | Rated Delivery | Rated Operating Pressure |
|---|---|---|
| D750PHCA4 | 750 cfm (21.2 m³/min) | 150 psig (10.4 Bar) |
| D825PCA4 | 825 cfm (23.3 m³/min) | 125 psig (8.6 Bar) |
| D900PCA4 | 900 cfm (26.4 m³/min) | 100 psig (6.9 Bar) |
| D900PHCA4 | 900 cfm (26.4 m³/min) | 150 psig (10.4 Bar) |

**Sullivan-Palatek Electronic Controller (SPEC)**

## FEATURES

» Large 204mm Diameter Twin Screw Gear Drive
» Air End Manufactured by Sullivan-Palatek Comes With Exclusive Three Year Warranty
» Automatic 0 to 100% Capacity Control
» 8" Closed Start, Inlet Valve
» Ambient Oper. Temp. Range: -40º to + 125ºF (-40º to +52ºC)
» 2" Service Connection
» Oil Level Sight Gauge
» CAT 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
» Containment Base
» Large Service Doors for Easy Maintenance
» Automatic Blowdown Valve
» Dual Air Outlets (with Aftercooler option)

## CONTROLLER

**Sullivan-Palatek Electronic Controller (SPEC)**

Digital Readouts:
» Compressor temperature
» Discharge Pressure
» Engine oil pressure
» Engine Coolant temperature
» Voltmeter
» Tachometer
» Fuel level - low fuel warning and shutdown
» Complete engine diagnostic tool
» Unit converter
» Multilingual capabilities
» Waterproof IP66/67
» Air Filter Service
» After cooler filter warning