

# Sullivan Palatek®

*“The Ultimate Performance  
Rotary Screw Air Compressor”*

**D250PJD D300PDHHJD D375PDCA D375PDJD**



- Large, 108mm (D250) 127mm (D375) Diameter Twin Screw Air End
- Exclusive Three Year Warranty
- Automatic 0 to 100% Capacity Control
- Two Stage Dry Type Air Filter - External Access
- Oil Level Sight Gauge
- Side by Side Coolers for compressor and engine
- John Deere or Caterpillar TIER III Engines
- Steel Fuel Tank
- Cooler Access Panel for Cleaning
- Safety Chains with Storage
- 15" Wheels & Tires
- Choice of Adjustable Height Lunette Eye or Optional Ball Hitch on Drawbar
- Large Full Length Lockable Tool Boxes on Each Side
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Easily Removable Upper Enclosure
- Galvaneal Enclosure-Rust & Corrosion Resistant
- Low Fuel Level Shutdown (D300 & D375's only)
- Automatic Shutdown and Protection System

- Containment Base (D300-D375 Only)
- Remote Drains (D300-D375 Only)
- Automatic Blowdown Valve
- Stop, Turn, Tail Lights
- Unloaded Starting

#### Standard Instrumentation

- Alternator Light*
- Fuel Level Gauge*
- Discharge Pressure Gauge*
- Hourmeter*
- Engine Oil Pressure Gauge\**
- Engine Water Temperature Gauge\**
- High-Low Selector Switch for Dual Pressure (D375's only)
- *Optional Equipment*
  - Instrument Quality Air*
  - Low approach temperature aftercooler*
  - Water Separator/Trap*
  - Primary & Secondary Filtration to 0.01 micron*
  - Hose Reels*
  - Gauges*
  - Tachometer*

*PLUS MANY OTHERS*

*\*Warning Light Used on CAT Powered Units*

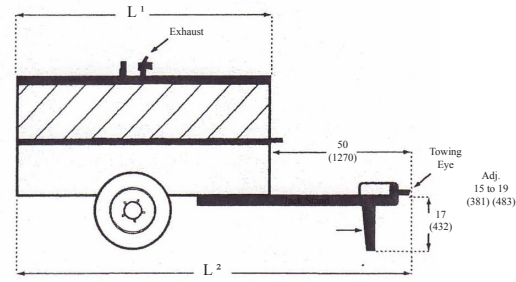
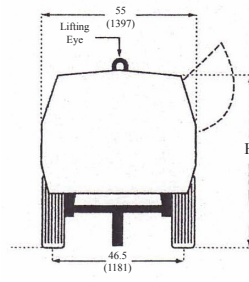
**Dedicated to Quality.....Committed to Support**

**Sullivan  
Palatek®**

**DIMENSIONS**

(Metric in Parentheses)

	<b>D250</b>	<b>D300</b>	<b>D375</b>
H	58.5 (1486)	62.5 (1588)	62.5 (1588)
L <sup>1</sup>	88.25 (2242)	96 (2438)	96 (2438)
L <sup>2</sup>	138.25 (3512)	145 (3708)	145 (3708)



**SPECIFICATIONS**

(Metric in Parentheses)

**COMPRESSOR**

**D250PJD**

**D300PDHHJD**

**D375PDJD**

**D375PDCA**

Type	<i>Single Stage, oil flooded rotary screw</i>	<i>Single Stage, oil flooded rotary screw</i>	<i>Single Stage, oil flooded rotary screw</i>	<i>Single Stage, oil flooded rotary screw</i>
Ambient Oper. Temp. Range	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)	-20° to +125°F (-29° to +52°C)
Oil Capacity	5.5 gal. (21 L)	10 gal. (38 L)	10 gal. (38 L)	10 gal. (38 L)
Total Receiver Volume	1.7 ft. <sup>3</sup> (48 L)	3.6 ft. <sup>3</sup> (102 L)	3.6 ft. <sup>3</sup> (102 L)	3.6 ft. <sup>3</sup> (102 L)
Air Service Connections	Two 3/4" NPT	One 1 1/2" NPT/Two 3/4" NPT	One 1 1/2" NPT/Two 3/4" NPT	One 1 1/2" NPT/Two 3/4" NPT
Type Cooling System	Oil to Air	Oil to Air	Oil to Air	Oil to Air
Type Air Intake System	Two Stage Dry	Two Stage Dry	Two Stage Dry	Two Stage Dry
Type of Control	0-100% Demand	0-100% Demand	0-100% Demand	0-100% Demand
Tire Size	ST 205/75D15 Hwy Tubeless	ST 205/75D15 Hwy Tubeless	ST 205/75D15 Hwy Tubeless	ST 205/75D15 Hwy Tubeless
Rated Delivery	250 cfm (7.1 m <sup>3</sup> /min)	300 cfm (8.49 m <sup>3</sup> /min)	375 cfm (10.6 m <sup>3</sup> /min)	375 cfm (10.6 m <sup>3</sup> /min)
Rated Operating Pressure	100 psig (700 kPa)	200 psig (1379 kPa)	150 psig (1034k Pa)	150 psig (1034k Pa)
Operating Pressure Range	70-125 psig (480-860 kPa)	70-200 psig (480-1379 kPa)	70-165 psig (480-1138 kPa)	70-165 psig (480-1138 kPa)
Estimated Weight, Serviced	2507 lbs	3400 lbs	3400 lbs	3395 lbs

**ENGINE**

**D250PJD**

**D300PDHHJD**

**D375PDJD**

**D375PDCA**

Type	<i>Diesel</i>	<i>Diesel</i>	<i>Diesel</i>	<i>Diesel</i>
Make	JOHN DEERE	JOHN DEERE	JOHN DEERE	CATERPILLAR
Model	4045TF290 IT4	4045HF285 IT4	4045HF285 IT4	C4.4T (TIER III)
Number of Cylinders	4	4	4	4
Bore and Stroke	4.19" x 5.00" (106 x 127mm)	4.19" x 5" (106 x 127mm)	4.19" x 5" (106 x 127mm)	4.1" X 5" (105 X 12mm)
Displacement	276 in <sup>3</sup> (4.5 L)	276 in <sup>3</sup> (4.5 L)	276 in <sup>3</sup> (4.5 L)	268 in <sup>3</sup> (4.4 L)
Total Oil Capacity	9 qts (8.5 L)	14 qts (13.2 L)	14 qts (13.2 L)	8 qts. (7.57 L)
Cooling System Capacity	14 qts (13.2 L)	16 qts. (15.1 L)	16 qts (15.1 L)	16 qts. (15.1 L)
Battery Rating	12 Volts	12 Volts	12 Volts	12 Volts
CCA @ 0°F	700 Amps	900 Amps	900 Amps	900 Amps
Idle Speed	1650 RPM	1650 RPM	1650 RPM	1650 RPM
Fuel Tank Capacity	29 gal (109.8 L)	40 gal. (151 L)	40 gal (151 L)	40 gal. (151 L)
Horsepower @ rated RPM	74 HP	140 HP	140 HP	126 HP
Full Load Speed	2400 RPM	2300 RPM	2500 RPM	2500 RPM