

# Sullivan Palatek®

*“The Ultimate Performance  
Rotary Screw Air Compressor”*

**D185P D210P**



- Large, 108mm Diameter Twin Screw Air End
  - Exclusive Three Year Warranty
  - Automatic 0 to 100% Capacity Control
  - Two Stage Dry Type Air Filter - External Access
  - Multiple Service Connections
  - Oil Level Sight Gauge
  - Side by Side Coolers for compressor and engine
  - John Deere or Caterpillar Power
  - Steel Fuel Tank
  - Cooler Access Panel for Cleaning
  - Safety Chains with Storage
  - 15” Wheels & Tires
  - Choice of Adjustable Height Lunnette 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
  - Automatic Shutdown and Protection System
  - 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\**
  - Optional Equipment
    - 3rd wheel*
    - Brakes*
    - Drawbars*
    - Hitches*
    - Hose Reels*
    - Gauges*
    - Tachometer*
- PLUS MANY OTHERS*  
*\*Warning Light Used on Cat Powered Units*

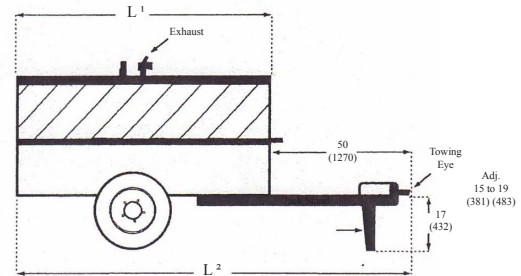
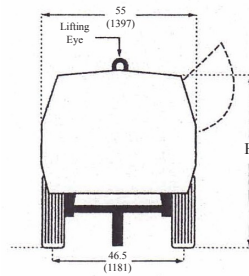
**Dedicated to Quality.....Committed to Support**

**Sullivan  
Palatek®**

**DIMENSIONS**

(Metric in Parentheses)

H	58.5 (1486)
L <sup>1</sup>	88.25 (2242)
L <sup>2</sup>	138.25 (3512)



**SPECIFICATIONS**

(Metric in Parentheses)

**COMPRESSOR**

**D185PJD**

**D185PCA**

**D210PHJD**

Type	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw	Single Stage, oil flooded rotary screw
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)
Oil Capacity	5.5 gal. (21 L)	5.5 gal. (21 L)	5.5 gal. (21 L)
Total Receiver Volume	1.7 ft. <sup>3</sup> (48 L)	1.7 ft. <sup>3</sup> (48 L)	1.7 ft. <sup>3</sup> (48 L)
Air Service Connections	Two 3/4" NPT	Two 3/4" NPT	Two 3/4" NPT
Type Cooling System	Oil to Air	Oil to Air	Oil to Air
Type Air Intake System	Two Stage Dry	Two Stage Dry	Two Stage Dry
Type of Control	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
Rated Delivery	185 cfm (5.2 m <sup>3</sup> /min)	185 cfm (5.2 m <sup>3</sup> /min)	210 cfm (5.9 m <sup>3</sup> /min)
Rated Operating Pressure	100 psig (700 kPa)	100 psig (700k Pa)	150 psig (1034k Pa)
Operating Pressure Range	70-125 psig (480-860 kPa)	70-125 psig (480-860 kPa)	70-165 psig (480-1138 kPa)
Estimated Weight, Serviced	2367 lbs	2385 lbs	2385 lbs

**ENGINE**

**D185PJD**

**D185PCA**

**D210PHJD**

Type	Diesel	Diesel	Diesel
Make	JOHN DEERE	CATERPILLAR	JOHN DEERE
Model	4024TF281 (TIER III)	C2.2T (TIER III)	4045TF280 IT4
Number of Cylinders	4	4	4
Bore and Stroke	3.39" x 4.13" (86 x 105mm)	3.3" X 3.9" (84 X 100MM)	4.19" x 5" (106 x 127mm)
Displacement	149 in <sup>3</sup> (2.4 L)	135 in <sup>3</sup> (2.2 L)	276 in <sup>3</sup> (4.5 L)
Total Oil Capacity	8.5 qts (8 L)	11.2 qts. (10.6 L)	9 qts (8.5 L)
Cooling System Capacity	14 qts (13.2 L)	14 qts. (13.2 L)	14 qts (13.2 L)
Battery Rating	12 Volts	12 Volts	12 Volts
CCA @ 0°F	700 Amps	700 Amps	700 Amps
Idle Speed	1650 RPM	1650 RPM	1650 RPM
Fuel Tank Capacity	29 gal (109.8 L)	29 gal. (109.8 L)	29 gal (109.8 L)
Horsepower @ rated RPM	49 HP	49 HP	74 HP
Full Load Speed	2650 RPM	2800 RPM	2500 RPM