

**COMPRESSOR**

	<b>PDS100S</b>	<b>PDS130S</b>	<b>PDS185S</b>	<b>PDS400S</b>
Type	Rotary Twin Screw, Single Stage	Rotary Twin Screw, Single Stage	Rotary Twin Screw, Single Stage	Rotary Twin Screw, Single Stage
Free Air Delivery	100 cfm	130 cfm	185 cfm	400 (375) cfm
Working Pressure	100 psi	100 psi	100 psi	100 psi
Max. Working Pressure	120 psi	120 psi	120 psi	120 psi
Air Receiver Tank	1.06 cu ft	1.06 cu ft	1.06 cu ft	3.46 cu ft
Air Outlets	3/4" x 2	3/4" x 2	3/4" x 2	3/4" x 2 PLUS 1-1/14" x 1
Engine Coupling Type	Fiber Gear Direct Coupling	Fiber Gear Direct Coupling	Fiber Gear Direct Coupling	Rubber Coupling
Lubrication System Type	Forced by Compressed Air	Forced by Compressed Air	Forced by Compressed Air	Forced by Compressed Air
Lubrication System Capacity	3.4 gal	3.7 gal	4.2 gal	13.5 gal
Oil Cooler Type	Separate	Separate	Separate	Separate
Separator	External	External	External	Internal

**DIESEL ENGINE**

	<b>PDS100S</b>	<b>PDS130S</b>	<b>PDS185S</b>	<b>PDS400S</b>
Model	ISUZU 3LB1	Shibaura N843L-C	NISSAN TD2714	Isuzu DD-4BG1T
Type	In-line, Water Cooled, Direct- Injected, Tier 2-Compliant	Inline, Water-Cooled, 4-Stroke, High-Swirl, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, High-Swirl, Tier 2 Compliant	4-Cycle, Water Cooled, Direct Injected, Turbocharged, Tier 2-Compliant
Cylinders	3	3	4	4
Displacement	68.6 cu. in	101.4 cu in	162.5 cu. in	264 cu in
Horsepower	27.1 hp	37.5 hp	51 hp/49 hp*	108 hp
Max Torque	44.1 ft-lb/2,000 rpm	73.5 ft-lb/2,200 rpm	106.9 ft/lbs/2500 rpm	271 ft-lb/1,800 rpm
Low Idle	1,950 rpm	1,600 rpm	1,300 rpm	1,300 rpm
High Idle	3,500 rpm	3,000 rpm	2,600 rpm	400 rpm
Fuel Consumption	1.6 gph @ Full Load 1.2 gph @ 70% Load 0.6 gph @ No Load	2.0 gph @ Full Load 1.5 gph @ 70% Load 0.8 gph @ No Load	2.6 gph @ Full Load 2.0 gph @ 70% Load 0.9 gph @ No Load	5.5 gph @ Full Load 4 .0 gph @ 70% Load 2.0 gph @ No Load
Fuel Capacity	18.5 gal	18.5 gal	24 gal	43.6 gal
Cooling System Capacity	1 gal	1.72 gal	2.2 gal	3.4 gal
Oil Capacity	1.59 gal	1.59 gal	3.17 gal	3.4 gal
Electrical Sytem	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	24-Volt, Maintenance-Free Battery