

Towable Air Compressor Specifications

	PDS100S	PDS130S	PDS185S	PDS375S
COMPRESSOR				
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	375 cfm
Working Pressure	100 psi	100 psi	100 psi	100 psi
Max Working Pressure	120 psi	120 psi	120 psi	150 psi
Air Receiver Tank Capacity	1.24 cu ft	1.24 cu ft	1.24 cu ft	3.53 cu ft
Air Outlets	3/4" x 2	3/4" x 2	3/4" x 2	3/4" x 2 PLUS 1-1/4" 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	11.9 gal
Oil Cooler Type	Separate Side-by-Side Oil Cooler and Radiator	Separate Side-by-Side Oil Cooler and Radiator	Separate Side-by-Side Oil Cooler and Radiator	Combined Oil Cooler and Radiator
Water Separator Filter Type	External	External	External	Internal
ENGINE				
Model	ISUZU 3LB1	ISUZU 3LD2	ISUZU 4LE2	ISUZU A-4BG1T
Type	Inline, Water-Cooled, 4-Stroke, Direct-Injected Diesel, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, Direct-Injected Diesel, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, Direct-Injected Diesel, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, Direct-Injected, Turbo-Charged Diesel
Cylinders	3	3	4	4
Displacement	68.6 cu in	91 cu in	145 cu in	263.3 cu in
Rated Output	27 HP	36 HP	50 HP	101 HP
Max Torque	44.1 ft-lb/2,200 RPM	68.7 ft-lb/1,800 RPM	98.3 ft-lb/2,000 RPM	253.05 ft-lb/1,400 RPM
Low Idle	1,950	1,300	1,300	1,300
High Idle	3,500	3,300	3,000	2,300
Fuel Consumption	1.2 gph @ 70% Load 0.6 gph @ No Load	1.8 gph @ 70% Load 0.7 gph @ No Load	1.8 gph @ 70% Load 0.7 gph @ No Load	4.2 gph @ 70% Load Est. 1.2 gph @ No Load Est.
Fuel Capacity	18.5 gal	18.5 gal	21 gal	42.3 gal
Cooling System Capacity	1 gal	1.9 gal	1.9 gal	4.8 gal
Oil Capacity	1.6 gal	1.9 gal	2.3 gal	3.7 gal
Electrical System	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	24-Volt, Maintenance-Free Batteries
WEIGHTS AND DIMENSIONS				
Dry Weight	1,775 lbs	1,875 lbs	2,205 lbs	3,925 lbs
Operating Weight	1,907 lbs	2,095 lbs	2,425 lbs	4,366 lbs
Length with Towing Frame	116 in	116 in	127 in	133 in
Length w/o Towing Frame	62 in	62 in	73 in	79 in
Overall Width	57 in	57 in	57 in	77 in
Height with Towing Frame	57 in	57 in	57 in	63 in
Height w/o Towing Frame	42 in	42 in	42 in	46 in
OPERATING PARAMETERS				
Max Altitude	4,921 ft	4,921 ft	4,921 ft	4,921 ft
Max Ambient Temperature	113 degrees F	113 degrees F	113 degrees F	113 degrees F
Min Ambient Temperature	-4 degrees F	-4 degrees F	-4 degrees F	-4 degrees F
Max Incline	15 degrees	15 degrees	15 degrees	15 degrees
Sound Level	65 dBA	65 dBA	65 dBA	75 dBA

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.