

## RAY WHEEL SKID STEER LOADER

Model		RSS830W	RSS840W	RSS845W	RSS860W	RSS865W	RSS875W	RSS1000W
Engine	Brand	Yanmar 3TNV76	Xinchai	Xinchai	Xinchai	Xinchai	Xinchai	Weichai
	Euro 1 EPA	Optional N/A	Optional N/A	Optional N/A	Optional N/A	Optional N/A	Optional Optional	Optional N/A
Engine Cooling		Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Engine Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Horsepower	KW	18.7	37	37	45	55	55	74
	HP	25	50	50	60	74	74	100
<b>Performance</b>								
Rated Operating Capacity (ISO)	Lbs	838	1102	1545	1874	2094	2315	2425
	Kgs	380	500	700	850	950	1050	1100
Tipping Load	Lbs	1783	2345	3287	3987	4455	4926	5160
	Kgs	809	1064	1489	1809	2021	2234	2340
Operating Weight	Lbs	2860	5060	5940	6160	7480	7700	7810
	Kgs	1300	2300	2700	2800	3400	3500	3550
Travel Speed	Mph	5.6	6.2	7.4	7.4	7.4	7.4	11.2
	Km/h	9	10	12	12	12	12	18
<b>Capacities</b>								
Fuel tank	Gal	7.4	15.8	18.5	21.1	19.8	19.8	23.8
	L	28	60	70	80	75	75	90
<b>Hydraulic System</b>								
Auxiliary Std Flow	Gal/min	13.2	15.84	16.5	19.8	19.8	19.8	19.8
	L/min	50	60	62.5	75	75	75	75
Auxiliary High Flow	Gal/min	N/A	N/A	N/A	N/A	32 (Optional)	32 (Optional)	37 (Optional)
	L/min	N/A	N/A	N/A	N/A	120 (Optional)	120 (Optional)	140 (Optional)
<b>Dimension</b>								
Length without attachment	Inches	89.1	91.3	103.8	108.1	113.2	113.2	113.2
	mm	2267	2300	2640	2750	2880	2880	2880
Length with standard bucket	Inches	116.3	115.9	134.4	137.2	137.2	140.7	140.7
	mm	2959	2950	3420	3490	3490	3580	3580
Width	Inches	36.4	53.1	67.6	73.9	73.9	73.9	73.9
	mm	927	1350	1720	1880	1880	1880	1880
Width (with bucket)	Inches	36.0	55.0	68.4	73.9	73.9	73.9	73.9
	mm	915	1400	1740	1880	1880	1880	1880
Height	Inches	74.7	78.6	84.1	84.9	84.5	84.9	84.9
	mm	1900	2000	2140	2160	2150	2160	2160
Height with operator cab	Inches	74.7	78.6	84.1	84.9	84.5	84.9	84.9
	mm	1900	2000	2140	2160	2150	2160	2160
Height to bucket hinge pin	Inches	103.8	107.1	121.0	121.8	121.8	128.9	128.9
	mm	2642	2725	3080	3100	3100	3280	3280
Dumping distance (max dump height)	Inches	17.3	31.0	27.5	29.5	27.5	27.5	27.5
	mm	441	790	700	750	700	700	700
Overall operating height	Inches	139.6	129.7	156.4	157.2	160	160	160
	mm	3552	3300	3980	4000	4070	4070	4070
Front turning Radius	Inches	65.238	69.168	76.9494	76.9494	83.0016	83.0016	84.2592
	mm	1660	1760	1958	1958	2112	2112	2144
Wheelbase	Inches	31.4793	35.2521	38.9463	38.9463	42.6405	42.444	43.8195
	mm	801	897	991	991	1085	1080	1115
<b>Features</b>								
Joystick control		Yes	N/A	N/A	N/A	N/A	Yes	Yes
Air conditioning		N/A	N/A	N/A	N/A	N/A	Optional	Optional
Cab heater		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Operating lights		Standard	Standard	Standard	Standard	Standard	Standard	Standard
Parking brake		Standard	Standard	Standard	Standard	Standard	Standard	Standard
Rear window		Standard	Standard	Standard	Standard	Standard	Standard	Standard
Top window		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Lift-arm support		Standard	Standard	Standard	Standard	Standard	Standard	Standard
Auxiliary Hydraulics		Standard	Standard	Standard	Standard	Standard	Standard	Standard

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.