



Wheel Loader												
General	Rhino RWL132		Komatsu WA270-7		Caterpillar 926M		John Deere 524L		Volvo L70H		Case 621G	
Brand	Rhino		Komatsu		Caterpillar		John Deere		Volvo		Case	
Model	RWL132		WA270-7		926M		524L		L70H		621G	
Bucket Type	General Purpose		General Purpose		General Purpose		General Purpose		General Purpose		General Purpose	
Bucket Capacity m3 (cu. Yd)	2.5	(3.3)	2.5	(3.3)	2.5	(3.3)	2.1	(2.7)	2.1	(2.7)	2.1	(2.7)
Net Horsepower kW (hp)	126	(169)	111	(149)	114	(153)	120	(161)	127	(170)	128	(172)
Operating Weight kg (lb)	13,200	(29,101)	13,290	(29,299)	13,037	(28,742)	13,123	(28,931)	13,500	(29,762)	12,773	(28,160)
Engine												
Engine Model (optional)	Cummins 6BTA5.9 (Rhino)		SAA6D107E-2		C7.1 Acert		6068		D6J		F4HFE613W	
Gross Horsepower -SAE J1995 kW (hp)	126	(169)	111	(149)	114	(153)	120	(161)	127	(170)	128	(172)
Rated RPM (rpm)	2,100		2,000		N/P		1,800		1,700		2,000	
Engine Type	Direct Injection, 4-Cycle		Water-Cooled, 4-Cycle		N/P		N/P		N/P		4 Stroke and Air to Air Cooled	
Aspiration	Turbocharged		Turbocharged and Aftercooled		Turbocharged and Aftercooled		Turbocharged and Aftercooled		Turbocharged		Turbocharged	
Number of Cylinders	6		6		N/P		6		6		6	
Bore x Stroke mm (in)	102 x 125	(4 x 4.9)	107 x 124	(4.2 x 4.9)	105 x 135	(4 x 5)	N/P	N/P	N/P	N/P	104 x 132	(4.1 x 5.2)
Piston Displacement L (cu. In)	5.9	(360)	6.7	(408)	7	(427)	6.8	(415)	5.7	(348)	6.7	(409)
Fan Drive for Radiator Cooling	Belt		Hydraulic		Hydraulic		Hydraulic		Hydraulic		N/P	
Reversible Fan Control	None		Automatic Reversing		Option		OPT		Reversing		N/P	
Drivetrain												
Torque Converter Type	4 Element, Single Stage		Not Applicable		Not Applicable		Single Stage Single Phase		Single-Stage		N/P	
Transmission Type	Powershift, Spur Gear Constantly in Mesh		Hydrostatic, 1 Pump, 2 Motors with Speed Range Select		Autoshift Transmission		Countershaft-type Powershift		Countershaft		Autoshift Transmission	
Number of Speeds (Fwd/Rev)	2/1		4/4		4/4		5/5		4/4		4/3	
Max. Speed (Fwd) kph (mph)	36	(22)	38	(24)	40	(25)	40	(25)	46	(29)	39	(24)
Max. Speed (Rev) kph (mph)	12	(7)	38	(24)	40	(25)	40	(25)	46	(29)	25	(16)
Traction Control	Limited Slip		Variable with S-Mode		Limited Slip		OPT		None		Limited Slip	
Reduction Gear	Spiral Bevel Gear, Single Stage		Spiral Bevel Gear		N/P		N/P		N/P		Helical	
Front Axle	Fixed		Fixed, Semi-Floating		Fixed		N/P		Floating		N/P	
Rear Axle	Floating		Center-pin support, semi-floating		Oscillating		Oscillating		Oscillating		Oscillating	
Rear Axle Oscillation (deg)	22		24		N/P		24		26		24	
Service Brakes	Hydraulically Actuated Pneumatically Assisted		Hydraulically Actuated		Inboard Wet Disc		Hydraulically Actuated		Hydraulically Actuated		Hydraulically Actuated	
Parking Brake	Inner Expand Band on Output Shaft		Wet, Multi-Disc Brake on Transfer Output Shaft		Spring Applied Hydraulically Released		Automatic Spring Applied		Dry Disc on Transmission Output Shaft		Spring-Applied Hydraulic Release Disc on Output Shaft	
Steering												
Steering Type	Middle Articulated Frame		Full-Hydraulic Power Steering		Load-Sensing		Power Fully Hydraulic		Load-Sensing Hydrostatic		Flow Compensated	
Steering Angle (deg)	35		40		N/P		10		40		40	
Minimum Turning Radius (Center of Outside Tire) mm (ft)	5,730	(18.8)	5,175	(17.0)	N/P	N/P	5,000	(16.4)	5,350	(17.6)	N/P	N/P
Bucket												
Bucket Type	General Purpose		General Purpose		General Purpose		General Purpose		General Purpose		General Purpose	
Bucket Capacity - Heaped m3 (cu. Yd)	2.5	(3.3)	2.5	(3.3)	2.5	(3.3)	2.1	(2.7)	2.1	(2.7)	2.1	(2.7)
Bucket Capacity - Struck m3 (cu. Yd)	2.0	(2.6)	2.1	(2.7)	1.9	(2.5)	1.7	(2.2)	N/P	N/P	N/P	N/P
Bucket Width mm (ft)	2,685	(8.8)	2,550	(8.4)	2,550	(8.4)	2,550	(8.4)	2,550	(8.4)	2,478	(8.1)
Bucket Edge Type	Bolt-on Cutting Edge		Bolt-on Cutting Edge		Bolt-on Cutting Edge		Bolt-on Cutting Edge		Bolt-on Cutting Edge		Bolt-on Cutting Edge	
Bucket Weight kg (lb)	960	(2,116)	970	(2,138)	N/P	N/P	1,056	(2,328)	N/P	N/P	885	(1,951)
Dimensions												
Loader Linkage Type	Z-Bar		Z-Bar		Z-Bar		Z-Bar		TP		Z-Bar	
Dump Clearance Max. Height, 45 Deg. Dump Angle mm (ft)	2,815	(9.2)	2,975	(9.8)	2,885	(9.5)	2,760	(9.1)	N/P	N/P	2,899	(9.5)
Reach at Max. Height, 45 Deg. Dump Angle mm (ft)	1,050	(3.4)	945	(3.1)	1,024	(3.4)	990	(3.2)	N/P	N/P	N/P	N/P
Reach at 7', 45 Deg. Dump Angle mm (ft)	1,485	(4.9)	1,585	(5.2)	N/P	N/P	1,460	(4.8)	N/P	N/P	N/P	N/P
Reach With Arms Horizontal and Bucket Level mm (ft)	2,250	(7.4)	2,395	(7.9)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Hinge Pin Height at Full Raise mm (ft)	3,832	(12.6)	N/P	N/P	N/P	N/P	3,820	(12.5)	3,870	(12.7)	3,833	(12.6)
Tire Size	20.5-25-16PR		20.5-25		20.5-25		20.5-25		20.5-25		20.5-R25	
Tread mm (ft)	2,050	(6.7)	1,930	(6.3)	1,930	(6.3)	1,950	(6.4)	1,930	(6.3)	N/P	N/P
Width Over Tires mm (ft)	2,570	(8.4)	2,470	(8.1)	2,540	(8.3)	2,546	(8.4)	2,460	(8.1)	N/P	N/P
Wheelbase mm (ft)	3,080	(10.1)	2,900	(9.5)	N/P	N/P	2,930	(9.6)	3,000	(9.8)	2,900	(9.5)
Loader Clearance Circle - Bucket at Carry, Outside Corner of Bucket mm (ft)	11,995	(39.4)	12,060	(39.6)	N/P	N/P	11,650	(38.2)	11,690	(38.4)	11,478	(37.7)
Ground Clearance mm (in)	400	(15.7)	465	(18.3)	397	(15.6)	400	(15.7)	450	(17.7)	389	(15.3)
Hitch Height mm (in)	950	(37.4)	950	(37.4)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Overall Height - Top of Stack mm (ft)	3,310	(10.9)	2,920	(9.6)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Overall Height - Top of ROPS Cab mm (ft)	3,430	(11.3)	3,200	(10.5)	3,340	(11.0)	3,240	(10.6)	3,280	(10.8)	3,384	(11.1)
Performance												
Hydraulic Cycle Time - Boom Raise (sec)	6.2		5.7		5.5		5.8		5.1		6.3	
Hydraulic Cycle Time - Bucket Dump (sec)	1.8		2		1.5		1.2		1.3		1.2	
Hydraulic Cycle Time - Boom Lower (sec)	3.8		3.2		2.6		3.2		2.7		4.8	
Straight Static Tipping Load kg (lb)	10,255	(22,608)	7,045	(15,532)	8,792	(19,383)	10,878	(23,982)	9,210	(20,305)	9,534	(21,019)
Full Turn Static Tipping Load kg (lb)	8,990	(19,820)	6,130	(13,514)	7,530	(16,601)	9,428	(20,785)	7,920	(17,461)	8,806	(19,414)
Breakout Force kg (lb)	13,400	(29,542)	13,110	(28,903)	10,233	(22,560)	10,110	(22,289)	9,030	(19,908)	11,542	(25,446)
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