



Bulldozer	Rhino RD8		Komatsu D37EX		Caterpillar D5K2		Caterpillar D4K2		John Deere 550K		Case 750M	
General												
Brand	Rhino		Komatsu		Caterpillar		Caterpillar		John Deere		Case	
Model	RD8		D37EX		D5K2		D4K2		550K		750M	
Blade Type	Straight Tilt		STD PAT		STD PAT		STD PAT		PAT		PAT	
Net Horsepower kW (hp)	70	(94)	66	(89)	78	(104)	68	(91)	69	(93)	69	(93)
Operating Weight, as Equipped kg (lb)	8,480	(18,695)	8,240	(18,166)	9,214	(20,313)	8,168	(18,007)	8,750	(19,290)	9,090	(20,040)
Engine												
Engine Make	RHINO		KOMATSU		CATERPILLAR		CATERPILLAR		John Deere		Case	
Engine Model	LR4A3Z-22		SAAD95LE-6		C4.4 ACERT		C4.4 ACERT		4045H		F4HFL413J	
Engine Type	4 Cycle, Water - Cooled, Direct Injection		4 Cycle, Water - Cooled, Direct Injection		4 Cycle, Water - Cooled, Direct Injection		4 Cycle, Water - Cooled, Direct Injection		4 Cycle, Water - Cooled, Direct Injection		4 Cycle, Water - Cooled, Direct Injection	
Aspiration	Turbocharged, Air-to-Air After Cooled		Turbocharged, Air-to-Air After Cooled		Turbocharged, Air-to-Air After Cooled		Turbocharged, Air-to-Air After Cooled		Turbocharged, Air-to-Air After Cooled		Turbocharged, Air-to-Air After Cooled	
Number of Cylinders	4		4		N/P		4		4		4	
Bore x Stroke mm (in)	106 x 126	(4.1 x 5)	95 x 115	(3.7 x 4.5)	105 x 127	(4.1 x 5)	105 x 127	(4.1 x 5)	106.5 x 127	(4 x 5.2)	N/P	N/P
Piston Displacement L (cu. in)	3	(183)	3.3	(201)	4.4	(269)	4.4	(269)	4.5	(275)	3.4	(207)
Fan Drive for Radiator Cooling	Belt Driven		Hydraulic, Manual Reversing With Clean Mode		Hydraulic Driven		Belt Driven		Belt Driven		Belt-Driven	
Fuel System	Direct Injection		Direct Injection		Direct Injection		Direct Injection		Direct Injection		Common Rail	
Drivetrain												
Drivetrain Type	Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic	
Number of Speeds (Fwd/Rev)	4 Speed/ 2 Speed		Infinite or 3 Speed		Infinite		Infinite		Infinite		Infinite	
Max. Speed Forward Kph (mph)	10	(6)	9	(6)	9	(6)	9	(6)	8	(5)	9	(6)
Max. Speed Reverse Kph (mph)	9	(6)	9	(6)	10	(6)	10	(6)	8	(5)	9	(6)
Steering Control	Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path Hydrostatic		Dual-Path HST W/CTR Rotation	
Minimum Turning Radius m (ft)	2.2	(7.2)	2.0	(6.6)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Final Drives	Double Reduction		Double Reduction		N/P		Double Reduction		Triple Reduction		Double Reduction	
Sprockets	Replaceable Ring		Replaceable Ring		Replaceable Segments		Replaceable Segments		One Piece Sprocket		One Piece Sprocket	
Undercarriage												
Undercarriage Suspension Type	Fixed		Fixed		Oscillating		Fixed		Fixed		Fixed	
Track Roller Frame	Box Section		Weld-on Monocoque		Fabricated		Weld-on		Bolt-on		Bolt-on	
Track Roller Type	Lifetime Lubrication		Sealed and Lubricated		SystemOne Long Life		Sealed and Lubricated		Sealed And Lubricated Track (SALT)		Sealed and Lubricated	
Number of Track Rollers	5		6		7		7		7		6	
Number of Carrier Rollers	1		1		N/P		1		1		1	
Type of Shoes	Single Grouser		Single Grouser		Single Grouser		Single Grouser		Single Grouser		Single Grouser	
Number of Shoes per Side	39		41		40		43		40		39	
Grouser Height mm (in)	50	(2)	47	(2)	48	(2)	47	(2)	48	(2)	53	(2)
Ground Contact Area cm2 (in2)	17,040	(2,641)	17,920	(2,778)	30,000	(4,650)	28,550	(4,425)	21,479	(3,329)	23,165	(3,591)
Ground Pressure Kpa (psi)	53	(7,687)	45	(6,527)	43	(6,237)	30	(4,351)	40	(5,802)	38	(5,511)
Track Gauge mm (ft)	1,500	(4.9)	1,570	(5.2)	1,770	(5.8)	1,725	(5.7)	1,549	(5.1)	1,570	(5.2)
Length of Track on Ground mm (ft)	2,130	(7.0)	2,240	(7.3)	2,645	(8.7)	2,248	(7.4)	2,184	(7.2)	2,280	(7.5)
Hydraulics												
Hydraulic Type	Closed-Center		Closed-Center Load-Sensing		N/P		N/P		Open Center		N/P	
Hydraulic Pump Type	Gear		Piston		N/P		N/P		Gear		Piston	
Hydraulic Pump Capacity L/min (gpm)	54	(14)	99	(26)	N/P	N/P	74	(20)	57	(15)	79	(21)
Blade Lift Cylinder Number	2		2		2		2		2		2	
Blade Tilt Cylinder Number	1		1		1		1		1		1	
Blade Angle Cylinder Number	1		1		1		1		1		1	
Relief Valve Setting Mpa (psi)	15	(2,176)	28	(4,061)	N/P	N/P	21	(3,046)	21	(3,046)	21	(3,046)
Dozer Blade												
Blade Type	Straight Tilt		PAT		PAT		PAT		PAT		PAT	
Dozer Blade Capacity m ³ (cu. Yd)	2.0	(2.6)	1.91	(2.5)	2.1	(2.7)	1.85	(2.4)	1.8	(2.4)	1.3	(1.7)
Blade Width x Height mm (ft)	2,500 x 922	(8.2 x 3)	2,710 x 860	(8.9 x 2.8)	2,782 x 1,073	(9.1 x 3.5)	3,149 x 910	(10.3 x 3)	2,667 x 955	(8.8 x 3.1)	2,438 x 838	(8 x 2.8)
Dimensions												
Overall Length mm (ft)	4,200	(13.8)	4,190	(13.7)	4,309	(14.1)	4,266	(14.0)	4,266	(14.0)	4,284	(14.1)
Overall Height mm (ft)	2,740	(9.0)	2,945	(9.7)	2,769	(9.1)	2,763	(9.1)	2,763	(9.1)	2,751	(9.0)
Height to Top of Exhaust Stack mm (ft)	2,600	(8.5)	N/P	N/P	2,722	(8.9)	N/P	N/P	N/P	N/P	N/P	N/P
Overall Width (Shipping) mm (ft)	2,480	(8.1)	2,375	(7.8)	2,782	(9.1)	2,874	(9.4)	2,874	(9.4)	2,261	(7.4)
Overall Track Width mm (ft)	1,900	(6.2)	N/P	N/P	2,110	(6.9)	2,360	(7.7)	2,360	(7.7)	2,093	(6.9)
Center of Idler to Center of Sprocket mm (ft)	2,130	(7.0)	2,240	(7.3)	N/P	N/P	2,248	(7.4)	2,248	(7.4)	2,280	(7.5)
Maintenance												
Refill Capacity - Coolant L (gal)	23	(6.1)	34	(9.0)	22	(5.8)	22	(5.8)	22	(5.8)	22	(5.8)
Refill Capacity - Fuel Tank L (gal)	215	(57)	190	(50)	195	(52)	195	(52)	195	(52)	189	(50)
Refill Capacity - Engine L (gal)	15	(4.0)	11	(2.9)	17	(4.5)	11	(2.9)	11	(2.9)	8	(2.1)
Refill Capacity - Hydraulics L (gal)	40	(10.6)	60	(15.9)	60	(15.9)	60	(15.9)	60	(15.9)	90	(23.8)
Refill Capacity - Final Drives, Each L (gal)	10	(2.6)	4	(1.1)	N/P	N/P	10	(2.6)	10	(2.6)	14	(3.7)
Refill Capacity - Power Train L (gal)	57	(15.1)	60	(15.9)	N/P	N/P	60	(15.9)	60	(15.9)	90	(23.8)

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