



Bulldozer	Rhino RD13		Komatsu D51EX-24		Caterpillar D6K		John Deere 700K		Case 1150M	
General										
Brand	Rhino		Komatsu		Caterpillar		John Deere		Case	
Model	RD13		D51EX-24		D6K		700K		1150M	
Blade Type	Straight Tilt		STD PAT		STD PAT		PAT		Straight Tilt	
Net Horsepower kW (hp)	93	(125)	99	(133)	93	(125)	97	(130)	95	(127)
Operating Weight, as Equipped kg (lb)	13,000	(28,660)	13,980	(30,821)	12,886	(28,409)	13,733	(30,276)	14,122	(31,134)
Engine										
Engine Make	RHINO		KOMATSU		CATERPILLAR		John Deere		Case	
Engine Model	LR6A3Z-20		SAAD107E-3		C7.1 ACERT		PVX6068		F4HFE613F	
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	
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	
Number of Cylinders	6		6		6		6		6	
Bore x Stroke mm (in)	106 x 126	(4.1 x 5)	107 x 124	(4.2 x 5)	105 x 127	(4.1 x 5)	N/P	N/P	127 x 148	(5 x 5.8)
Piston Displacement L (cu. In)	6	(366)	6.7	(409)	6.6	(403)	6.8	(415)	6.7	(409)
Fan Drive for Radiator Cooling	Belt Driven		Hydraulic, Manual Reversing With Clean Mode		Hydraulic Driven		Belt Driven		N/P	
Fuel System	Direct Injection		Direct Injection		Direct Injection		Direct Injection		Common Rail	
Drivetrain										
Drivetrain Type	Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic	
Number of Speeds (Fwd/Rev)	4 Speed/ 5 Speed		Infinite or 3 Speed		Infinite		Infinite		N/P	
Max. Speed Forward Kph (mph)	10	(6)	9	(6)	10	(6)	9	(6)	9	(6)
Max. Speed Reverse Kph (mph)	7	(4)	9	(6)	10	(6)	9	(6)	9	(6)
Steering Control	Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path Hydrostatic		Dual-Path Hydrostatic	
Minimum Turning Radius m (ft)	2.5	(8.2)	2.4	(7.9)	N/P	N/P	N/P	N/P	N/P	N/P
Final Drives	Double Reduction		Double Reduction		N/P		Triple Reduction		Double Reduction	
Sprockets	Replaceable Ring		Replaceable Ring		Replaceable Segments		Segmented		N/P	
Undercarriage										
Undercarriage Suspension Type	Oscillating		Oscillating		Oscillating		Oscillating		Oscillating	
Track Roller Frame	Box Section		Monocoque		Fabricated		Fabricated		N/P	
Track Roller Type	Lifetime Lubrication		PLUS Long Life		SystemOne Long Life		Sealed And Lubricated Track (SALT)		N/P	
Number of Track Rollers	5		7		7		7		7	
Number of Carrier Rollers	2		2		1		1		2	
Type of Shoes	Single Grouser		Single Grouser		Single Grouser		Single Grouser		N/P	
Number of Shoes per Side	44		44		40		39		43	
Grouser Height mm (in)	60	(2)	55	(2)	48	(2)	55	(2)	55	(2)
Ground Contact Area cm2 (in2)	25,500	(3,953)	30,643	(4,750)	30,000	(4,650)	29,946	(4,642)	N/P	N/P
Ground Pressure Kpa (psi)	51	(7,397)	42	(6,092)	43	(6,237)	48	(6,962)	N/P	N/P
Track Gauge mm (ft)	1,700	(5.6)	1,790	(5.9)	1,770	(5.8)	1,778	(5.8)	N/P	N/P
Length of Track on Ground mm (ft)	2,550	(8.4)	2,743	(9.0)	2,645	(8.7)	2,590	(8.5)	N/P	N/P
Hydraulics										
Hydraulic Type	Closed-Center		Closed-Center Load-Sensing		N/P		Open Center		N/P	
Hydraulic Pump Type	Gear		Piston		N/P		Gear		Piston	
Hydraulic Pump Capacity L/min (gpm)	80	(21)	99	(26)	N/P	N/P	95	(25)	132	(35)
Blade Lift Cylinder Number	2		2		2		2		2	
Blade Tilt Cylinder Number	1		1		1		1		1	
Blade Angle Cylinder Number	1		1		1		1		2	
Relief Valve Setting Mpa (psi)	20	(2,901)	28	(4,061)	N/P	N/P	23	(3,336)	N/P	N/P
Dozer Blade										
Blade Type	Straight Tilt		PAT		PAT		PAT		N/P	
Dozer Blade Capacity m ³ (cu. Yd)	3.0	(3.9)	2.7	(3.5)	2.7	(3.5)	2.6	(3.4)	N/A	N/A
Blade Width x Height mm (ft)	3,450 x 970	(11.3 x 3.2)	3,045 x 1,110	(10 x 4)	N/P	N/P	3,048 x 991	(10 x 3.2)	N/A	N/A
Dimensions										
Overall Length mm (ft)	4,535	(14.9)	4,800	(15.7)	4,688	(15.4)	4,815	(15.8)	5,088	(16.7)
Overall Height mm (ft)	3,230	(10.6)	3,182	(10.4)	2,958	(9.7)	2,936	(9.6)	2,956	(9.7)
Height to Top of Exhaust Stack mm (ft)	3,020	(9.9)	2,890	(9.5)	2,914	(9.6)	N/P	N/P	N/P	N/P
Overall Width (Shipping) mm (ft)	3,135	(10.3)	2,725	(8.9)	2,817	(9.2)	3,048	(10.0)	3,048	(10.0)
Overall Track Width mm (ft)	2,200	(7.2)	2,300	(7.5)	2,330	(7.6)	2,337	(7.7)	N/P	N/P
Center of Idler to Center of Sprocket mm (ft)	2,550	(8.4)	2,743	(9.0)	2,645	(8.7)	2,590	(8.5)	N/P	N/P
Maintenance										
Refill Capacity - Coolant L (gal)	31	(8.2)	35	(9.2)	24	(6.3)	33	(8.7)	28	(7.4)
Refill Capacity - Fuel Tank L (gal)	290	(77)	270	(71)	295	(78)	284	(75)	322	(85)
Refill Capacity - Engine L (gal)	20	(5.3)	20	(5.3)	17	(4.5)	19	(5.0)	N/P	N/P
Refill Capacity - Hydraulics L (gal)	55	(14.5)	63	(16.6)	58	(15.3)	54	(14.3)	N/P	N/P
Refill Capacity - Final Drives, Each L (gal)	15	(4.0)	4	(1.1)	N/P	N/P	N/P	N/P	N/P	N/P
Refill Capacity - Power Train L (gal)	65	(17.2)	63	(16.6)	58	(15.3)	69	(18.2)	N/P	N/P

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