



Bulldozer		Rhino RD15		Komatsu D51EX-24		Caterpillar D6K		John Deere 750K	
General									
Brand	Rhino		Komatsu		Caterpillar		John Deere		
Model	RD15		D51EX-24		D6K		750K		
Blade Type	Straight Tilt		STD PAT		STD PAT		PAT		
Net Horsepower kW (hp)	105	(141)	99	(133)	93	(125)	123	(165)	
Operating Weight, as Equipped kg (lb)	15,800	(34,833)	13,980	(30,821)	12,886	(28,409)	15,661	(34,527)	
Engine									
Engine Make	RHINO		KOMATSU		CATERPILLAR		John Deere		
Engine Model	RD140-8A		SAAD107E-1		C7.1 ACERT		PVS6068		
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		
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		
Number of Cylinders	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	
Piston Displacement L (cu. In)	6	(366)	6.7	(409)	6.6	(403)	6.8	(415)	
Fan Drive for Radiator Cooling	Belt Driven		Hydraulic, Manual Reversing With Clean Mode		Hydraulic Driven		Hydraulic, Manual Reversing With Clean Mode		
Fuel System	Direct Injection		Direct Injection		Direct Injection		Direct Injection		
Drivetrain									
Drivetrain Type	Hydrostatic		Hydrostatic		Hydrostatic		Dual-Path Hydrostatic		
Number of Speeds (Fwd/Rev)	5 Speed/ 4 Speed		Infinite or 3 Speed		Infinite		Infinite		
Max. Speed Forward Kph (mph)	12	(7)	9	(6)	10	(6)	10	(6)	
Max. Speed Reverse Kph (mph)	12	(7)	9	(6)	10	(6)	10	(6)	
Steering Control	Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Dual-Path HST W/CTR Rotation		Hydrostatic		
Minimum Turning Radius m (ft)	2.5	(8.2)	2.4	(7.9)	N/P	N/P	N/P	N/P	
Final Drives	Double Reduction		Double Reduction		N/P		Double Reduction		
Sprockets	Replaceable Ring		Replaceable Ring		Replaceable Segments		Segmented		
Undercarriage									
Undercarriage Suspension Type	Oscillating		Oscillating		Oscillating		Oscillating		
Track Roller Frame	Box Section		Monocoque		Fabricated		Box section		
Track Roller Type	Lifetime Lubrication		PLUS Long Life		SystemOne Long Life		Sealed And Lubricated Track (SALT)		
Number of Track Rollers	5		7		7		7		
Number of Carrier Rollers	2		2		1		1		
Type of Shoes	Single Grouser		Single Grouser		Single Grouser		Single Grouser		
Number of Shoes per Side	42		44		40		45		
Grouser Height mm (in)	60	(2)	55	(2)	48	(2)	56	(2)	
Ground Contact Area cm2 (in2)	27,608	(4,279)	30,643	(4,750)	30,000	(4,650)	34,344	(5,323)	
Ground Pressure Kpa (psi)	62	(8,992)	42	(6,092)	43	(6,237)	46	(6,672)	
Track Gauge mm (ft)	1,880	(6.2)	1,790	(5.9)	1,770	(5.8)	1,880	(6.2)	
Length of Track on Ground mm (ft)	2,465	(8.1)	2,743	(9.0)	2,645	(8.7)	3,073	(10.1)	
Hydraulics									
Hydraulic Type	Closed-Center		Closed-Center Load-Sensing		N/P		Load Sensing		
Hydraulic Pump Type	Gear		Piston		N/P		Piston		
Hydraulic Pump Capacity L/min (gpm)	100	(26)	99	(26)	N/P	N/P	138	(36)	
Blade Lift Cylinder Number	2		2		2		2		
Blade Tilt Cylinder Number	1		1		1		1		
Blade Angle Cylinder Number	1		1		1		2		
Relief Valve Setng Mpa (psi)	13	(1,885)	28	(4,061)	N/P	N/P	26	(3,771)	
Dozer Blade									
Blade Type	Straight Tilt		PAT		PAT		PAT		
Dozer Blade Capacity m³ (cu. Yd)	3.0	(3.9)	2.7	(3.5)	2.7	(3.5)	4.3	(5.6)	
Blade Width x Height mm (ft)	3,800 x 1,030	(12.5 x 3.4)	3,045 x 1,110	(10 x 4)	N/P	N/P	3,251 x 1,240	(10.7 x 4)	
Dimensions									
Overall Length mm (ft)	4,955	(16.3)	4,800	(15.7)	4,688	(15.4)	4,921	(16.1)	
Overall Height mm (ft)	3,077	(10.1)	3,182	(10.4)	2,958	(9.7)	3,077	(10.1)	
Height to Top of Exhaust Stack mm (ft)	2,950	(9.7)	2,890	(9.5)	2,914	(9.6)	N/P	N/P	
Overall Width (Shipping) mm (ft)	3,200	(10.5)	2,725	(8.9)	2,817	(9.2)	3,251	(10.7)	
Overall Track Width mm (ft)	2,325	(7.6)	2,300	(7.5)	2,330	(7.6)	2,438	(8.0)	
Center of Idler to Center of Sprocket mm (ft)	2,465	(8.1)	2,743	(9.0)	2,645	(8.7)	3,073	(10.1)	
Maintenance									
Refill Capacity - Coolant L (gal)	31	(8.2)	35	(9.2)	24	(6.3)	N/P	N/P	
Refill Capacity - Fuel Tank L (gal)	280	(74)	270	(71)	295	(78)	368	(97)	
Refill Capacity - Engine L (gal)	20	(5.3)	20	(5.3)	17	(4.5)	N/P	N/P	
Refill Capacity - Hydraulics L (gal)	60	(15.9)	63	(16.6)	58	(15.3)	112	(29.6)	
Refill Capacity - Final Drives, Each L (gal)	4	(1.1)	4	(1.1)	N/P	N/P	N/P	N/P	
Refill Capacity - Power Train L (gal)	60	(15.9)	63	(16.6)	58	(15.3)	N/P	N/P	

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