Bulldozer	Rhino RD17		Komatsu D61EX-23		Caterpillar D6N		John Deere 750K		Case 1650M	
General										
Brand	Rhino		Komatsu		Caterpillar		John Deere		Case	
Model	RD17		D61EX-23		D6N		750K		1650M	
Blade Type	Straight Tilt		PAT		STD PAT		PAT		Straight Tilt	
Net Horsepower kW (hp)	131	(176)	125	(168)	124	(166)	123	(165)	112	(150)
Operating Weight, as Equipped kg (lb)	16,500	(36,376)	17,780	(39,198)	16,757	(36,943)	15,661	(34,527)	17,007	(37,494)
Engine										
Engine Make (optional)	Cummins (Rhino)		Komatsu		Caterpillar		John Deere		Case	
Engine Model	QSB4.5		SAA6D107E		C7.1 ACERT		PVS6068		F4HFE6132	
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)	121 x 152	(4.1 x 5)	107 x 124	(4.2 x 5)	105 x 127	(4.1 x 5)	N/P	N/P	N/P	N/P
Piston Displacement L (cu. In)	9.7	(592)	6.7	(409)	6.6	(403)	6.8	(415)	6.7	(409)
Fan Drive for Radiator Cooling	Hydraulic, Manual Reversing With Clean Mode		Hydraulic, Manual Reversing With Clean Mode		Belt Driven		Hydraulic, Manual Reversing With Clean Mode		N/P	
Fuel System	Direct Injection		Direct Injection		Direct Injection		Direct Injection		Direct Injection	
Drivetrain										
Drivetrain Type	Dual-Path Hydrostatic		TORQFLOW		Power Shift		Dual-Path Hydrostatic		Hydrostatic	
Number of Speeds (Fwd/Rev)	3F/3R		3F/3R		5F/5R		Infinite		N/P	
Max. Speed Forward Kph (mph)	10	(6)	9	(6)	10	(6)	10	(6)	9	(6)
Max. Speed Reverse Kph (mph)	12	(7)	11	(7)	12	(7)	10	(6)	9	(6)
Steering Control	HSSR		HSS		Differential		Hydrostatic		Hydrostatic	
Minimum Turning Radius m (ft)	4.5	(14.8)	1.8	(5.9)	N/P	N/P	N/P	N/P	N/P	N/P
Final Drives	Double Reduction		Double Reduction		Single Reduction		Double Reduction		Double Reduction	
Sprockets	Segments		Segments		Segments		Segmented		N/P	
Undercarriage										
Undercarriage Suspension Type	Oscillating		Oscillating		Oscillating		Oscillating		Oscillating	
Track Roller Frame	Box Section		Monocoque		Cylindrical		Box section		N/P	
Track Roller Type	Lifetime Lubrication		PLUS Long Life		SystemOne Long Life		Sealed And Lubricated Track (SALT)		N/P	
Number of Track Rollers	6		7		7		7		8	
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	37		40		40		45		45	
Grouser Height mm (in)	61	(2)	58	(2)	66	(3)	56	(2)	N/A	N/A
Ground Contact Area cm2 (in2)	31,350	(4,859)	31,200	(4,836)	31,500	(4,883)	34,344	(5,323)	N/A	N/A
Ground Pressure Kpa (psi)	53	(7,687)	54	(7,832)	52	(7,542)	46	(6,672)	N/A	N/A
Track Gauge mm (ft)	1,880	(6.2)	1,900	(6.2)	1,890	(6.2)	1,880	(6.2)	N/A	N/A
Length of Track on Ground mm (ft)	2,667	(8.8)	2,600	(8.5)	2,581	(8.5)	3,073	(10.1)	N/A	N/A
Hydraulics										
Hydraulic Type	Closed-Center		Closed-Center Load-Sensing		N/P		Load Sensing		N/P	
Hydraulic Pump Type	Gear		Piston		N/P		Piston		Piston	
Hydraulic Pump Capacity L/min (gpm)	240	(63)	195	(52)	N/P	N/P	138	(36)	132	(35)
Blade Lift Cylinder Number	2		2		2		2		2	
Blade Tilt Cylinder Number	1		1		1		1		1	
Blade Angle Cylinder Number	2		0		2		2		2	
Relief Valve Settng Mpa (psi)	14	(2,031)	21	(3,046)	N/P	N/P	26	(3,771)	20	(2,901)
Dozer Blade										
Blade Type	Straight Tilt		PAT		PAT		PAT		N/P	
Dozer Blade Capacity m^3 (cu. Yd)	4.5	(5.9)	3.4	(4.4)	3.2	(4.2)	4.3	(5.6)	N/P	N/P
Blade Width x Height mm (ft)	3,416 x 1,150	(11.2 x 3.8)	3,275 x 1,200	(10.7 x 4)	N/P	N/P	3,251 x 1,240	(10.7 x 4)	N/P	N/P
Dimensions										
Overall Length mm (ft)	4,996	(16.4)	5,030	(16.5)	4,903	(16.1)	4,921	(16.1)	5,985	(19.6)
Overall Height mm (ft)	3,290	(10.8)	3,150	(10.3)	3,095	(10.2)	3,077	(10.1)	2,945	(9.7)
Height to Top of Exhaust Stack mm (ft)	3,440	(11.3)	N/P	N/P	2979	(9.8)	N/P	N/P	N/P	N/P
Overall Width (Shipping) mm (ft)	2,440	(8.0)	2,965	(9.7)	2,972	(9.8)	3,251	(10.7)	3,322	(10.9)
Overall Track Width mm (ft)	2,440	(8.0)	2,500	(8.2)	2,500	(8.2)	2,438	(8.0)	2,490	(8.2)
Center of Idler to Center of Sprocket mm (ft)	2,430	(8.0)	2,600	(8.5)	2,581	(8.5)	3,073	(10.1)	N/P	N/P
Maintenance										
Refill Capacity - Coolant L (gal)	79	(20.9)	45	(11.9)	40	(10.6)	N/P	N/P	30	(7.9)
Refill Capacity - Fuel Tank L (gal)	300	(79)	372	(98)	277	(73)	368	(97)	322	(85)
Refill Capacity - Engine L (gal)	28	(7.4)	27	(7.1)	N/P	N/P	N/P	N/P	16	(4.2)
Refill Capacity - Hydraulics L (gal)	80	(21.1)	101	(26.7)	N/P	N/P	112	(29.6)	160	(42.3)
Refill Capacity - Final Drives, Each L (gal)	31	(8.2)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Refill Capacity - Power Train L (gal)	52	(13.7)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P

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