



Bulldozer		Rhino RD36		Komatsu D155AX-7		Caterpillar D8T		John Deere 1050K	
General									
Brand	Rhino		Komatsu		Caterpillar		John Deere		
Model	RD36		D155AX-7		D8T		1050K		
Blade Type	Straight Tilt		Straight Tilt		8SU		PAT		
Net Horsepower kW (hp)	257	(345)	264	(354)	252	(338)	261	(350)	
Operating Weight, as Equipped kg (lb)	35,900	(79,146)	39,700	(87,524)	39,420	(86,906)	42,800	(94,358)	
Engine									
Engine Make (optional)	Cummins (Rhino)		Komatsu		CATERPILLAR		John Deere		
Engine Model	NTA-855-C360		SAA6D140E-6		C15 Acert		PSS 6135		
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)	139 x 152	(5.5 x 6)	140 x 165	(5.51 x 5.60)	137 x 172	(4.5 x 5.9)	N/P	N/P	
Piston Displacement L (cu. In)	14	(854)	15.0	(915)	15	(915)	14	(854)	
Fan Drive for Radiator Cooling	Hydraulic		Hydraulic		Hydraulic		Hydraulic, Manual Reversing With Clean Mode		
Fuel System	Direct Injection		Direct Injection		Direct Injection		Direct Injection		
Drivetrain									
Drivetrain Type	TORQUE CONV/ PLANETARY GEAR		N/P		Power Shift		Dual-Path Hydrostatic		
Number of Speeds (Fwd/Rev)	3F/3R		3F/3R		3F/3R		1F/1R		
Max. Speed Forward Kph (mph)	12	(7)	12	(7)	11	(7)	11	(7)	
Max. Speed Reverse Kph (mph)	14	(9)	14	(9)	14	(9)	11	(7)	
Steering Control	HSSR		N/P		Differential Steering		Hydrostatic		
Minimum Turning Radius m (ft)	3	(9.8)	N/P	N/P	N/P	N/P	N/P	N/P	
Final Drives	Double Reduction		N/P		Single Reduction		Double Reduction		
Sprockets	Segments		N/P		Segments		Replaceable Segments		
Undercarriage									
Undercarriage Suspension Type	Oscillating		Oscillating		Oscillating		Oscillating		
Track Roller Frame	Box Section		Monocoque		Cylindrical		Fabricated		
Track Roller Type	Sealed and Lubricated		PLUS Long Life		Sealed and Lubricated		Sealed And Lubricated Track (SALT)		
Number of Track Rollers	7		7		8		8		
Number of Carrier Rollers	2		2		N/A		2		
Type of Shoes	Single Grouser		N/P		Single Grouser		Single Grouser		
Number of Shoes per Side	41		42		44		46		
Grouser Height mm (in)	80	(3)	80	(3)	78	(3)	N/P	N/P	
Ground Contact Area cm2 (in2)	35,392	(5,486)	39,955	(6,193)	35,800	(5,549)	41,684	(6,461)	
Ground Pressure Kpa (psi)	11	(1,595)	12	(1,740)	N/A	N/A	15	(2,176)	
Track Gauge mm (ft)	2,140	(7.0)	N/P	N/P	2,082	(6.8)	2,184	(7.2)	
Length of Track on Ground mm (ft)	3,160	(10.4)	N/P	N/P	3,207	(10.5)	3,419	(11.2)	
Hydraulics									
Hydraulic Type	Load Sensing		Closed-Center Load-Sensing		Load Sensing		Load Sensing		
Hydraulic Pump Type	Piston		Piston		Piston		Piston		
Hydraulic Pump Capacity L/min (gpm)	355	(94)	N/P	N/P	226	(60)	308	(81)	
Blade Lift Cylinder Number	2		2		2		N/P		
Blade Tilt Cylinder Number	1		2		1		N/P		
Blade Angle Cylinder Number	0		1		0		N/A		
Relief Valve Setting Mpa (psi)	14	(2,031)	N/P	N/P	22	(3,191)	N/P	N/P	
Dozer Blade									
Blade Type	Straight Tilt		PAT/Straigh		8SU		Straight Tilt		
Dozer Blade Capacity m ³ (cu. Yd)	6.3	(8.2)	9.4	(12.3)	8.7	(11.4)	9.7	(12.7)	
Blade Width x Height mm (ft)	4,130 x 1,590	(13.5 x 5.2)	N/P	N/P	3,940 x 1,690	(12.9 x 5.5)	3,964 x 1,642	(13 x 5)	
Dimensions									
Overall Length mm (ft)	8,560	(28.1)	8,310	(27.3)	7870	N/A	8,780	(28.8)	
Overall Height mm (ft)	3,640	(11.9)	3,395	(11.1)	3,461	(11.4)	3,476	(11.4)	
Height to Top of Exhaust Stack mm (ft)	2,680	(8.8)	3,385	(11.1)	3,448	(11.3)	N/P	N/P	
Overall Width (Shipping) mm (ft)	2,810	(9.2)	2,140	(7.0)	2,642	(8.7)	3,965	(13.0)	
Overall Track Width mm (ft)	2,810	(9.2)	2,140	(7.0)	3,207	(10.5)	N/P	N/P	
Center of Idler to Center of Sprocket mm (ft)	3,160	(10.4)	N/A	N/A	3,250	(10.7)	N/P	N/P	
Maintenance									
Refill Capacity - Coolant L (gal)	121	(32.0)	103	(27.2)	77	(20.3)	74	(19.5)	
Refill Capacity - Fuel Tank L (gal)	600	(159)	625	(165)	627	(166)	681	(180)	
Refill Capacity - Engine L (gal)	47	(12.4)	37	(9.8)	38	(10.0)	44	(11.6)	
Refill Capacity - Hydraulics L (gal)	164	(43.3)	92	(24.3)	75	(19.8)	87	(23.0)	
Refill Capacity - Final Drives, Each L (gal)	68	(18.0)	31	(8.2)	13	(3.4)	N/P	N/P	
Refill Capacity - Power Train L (gal)	185	(48.9)	N/A	N/A	155	(40.9)	149	(39.4)	

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