



MOTOR GRADER	Rhino RM80		Rhino RM120		LEEBOY 695B	
General	Rhino Equipment		Rhino Equipment		Leeboy	
Brand	Rhino Equipment		Rhino Equipment		Leeboy	
Model	RM80		RM120		695B	
Operating Weight kg (lb)	6,000	(13,228)	6,110	(13,470)	7,257	(15,999)
Engine	Cummins (Rhino)		Rhino		Cummins	
Engine Make (optional)	Cummins (Rhino)		Rhino		Cummins	
Engine Model	4BT		4J22T		N/P	
Engine Type	Water Cooled 4-Cycle Direct Injection 6 CYL		Water Cooled 4-Cycle Direct Injection 6 CYL		N/P	
Aspiration	Turbocharged		Turbocharged		N/P	
Number of Cylinders	4		4		N/P	
Bore x Stroke mm (in)	N/P	N/P	N/P	N/P	N/P	N/P
Piston Displacement L (cu. In)	4.3	(262)	4.3	(262)	N/P	N/P
Base Horsepower Net kW (hp)	60	(80)	85	(114)	97	(130)
Peak Torque Nm (ft-lb)	203	150	203	150	N/P	N/P
Base Power Torque Rise (%)	35		35		N/P	
Governor Type	Electronic		Electronic		Electronic	
Fan Type	N/A		N/A		N/A	
Fan Speed Max. (rpm)	N/A		N/A		N/A	
Fan Speed Min. (rpm)	N/A		N/A		N/A	
Fuel System	Direct Injection		Direct Injection		N/P	
Lubrication System Method	N/P		N/P		N/P	
Lubrication Filter	N/P		N/P		N/P	
Air Cleaner	Under-hood, dual element dry		Under-hood, dual element dry		N/P	
Electrical Volts/Amps	24/55		24/55		N/P	
Battery (CCA)	N/P		N/P		N/P	
Drivetrain	YES		YES		N/P	
Torque Converter	YES		YES		N/P	
Direct Drive	N/P		N/P		N/P	
Transmission Make	N/P		N/P		N/P	
Number of Speeds (Fwd/Rev)	4F/4R		4F/4R		N/P	
Max. Speed Forward kph (mph)	35	(22)	40	(25)	N/P	N/P
Max. Speed Reverse kph (mph)	30	(19)	30	(19)	N/P	N/P
Differential Gear	Spiral Bevel Gear Automatic Lock		Spiral Bevel Gear Automatic Lock		N/P	
Drive Chain Pitch mm (in)	N/P	N/P	N/P	N/P	N/P	N/P
Wheel Axle Spacing mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Tandem Oscillation (deg)	N/P		N/P		N/P	
Front Up (deg)	16		16		N/P	
Front Down (deg)	16		16		N/P	
Wheel Lean L/R (deg)	45		45		N/O	
Total Oscillation per Side (deg)	32		32		N/P	
Ground Clearance at Pivot mm (in)	450	(17.7)	450	(17.7)	304	(12.0)
Minimum Turning Radius mm (ft)	7,000	(23.0)	7,000	(23.0)	N/P	N/P
Max. Articulation Left or Right (deg)	23		23		M/P	
Tires	16/70-24		16/70-24		15 x19.5	
Tires	16/70-24		16/70-24		15 x19.5	
Work Equipment	1,250		1,250		N/P	
Circle Diameter mm (ft)	1,250	(4.1)	1,250	(4.1)	N/P	N/P
Number of Circle Shoes	N/P		N/P		N/P	
Drawbar Frame (Width x Height) mm (in)	N/P	N/P	N/P	N/P	N/P	N/P
Moldboard (Width x Height x Thickness) mm (in)	N/P	N/P	N/P	N/P	N/P	N/P
Arc Radius mm (in)	N/P	N/P	N/P	N/P	N/P	N/P
Cutting Edge (Height x Thickness) mm (in)	450 x 18	(17.7 x 0.7)	480 x 18	(19 x 0.7)	N/P	N/P
End Bits (Height x Thickness) mm (in)	450 x 18	(17.7 x 0.7)	480 x 18	(19 x 0.7)	N/P	N/P
Circle Center Shift Right mm (ft)	550	(1.8)	550	(1.8)	N/P	N/P
Circle Center Shift Left mm (ft)	550	(1.8)	550	(1.8)	N/P	N/P
Moldboard Side Shift Right mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Moldboard Side Shift Left mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Max. Shoulder Reach Outside Rear Tires Frame Straight Right mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Max. Shoulder Reach Outside Rear Tires Frame Straight Left mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Max. Lift Above Ground mm (ft)	260	(0.9)	260	(0.9)	N/P	N/P
Max. Cutting Depth mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Max. Blade Angle Right (deg)	N/P		N/P		N/P	
Max. Blade Angle Left (deg)	N/P		N/P		N/P	
Blade Tip Angle Forward (deg)	47		47		N/P	
Blade Tip Angle Backward (deg)	5		5		N/P	
Hydraulics	N/P		N/P		N/P	
Hydraulics Circuit Type	N/P		N/P		N/P	
Hydraulic Pump Type	N/P		N/P		N/P	
Pump Flow ltr/min (gpm)	200	(52.8)	200	(52.8)	N/P	N/P
System pressure Mpa (psi)	16	(2,321)	16	(2,321)	N/P	N/P
Dimensions	6,800		6,900		6,500	
Overall Length - Front Tire to Rear Bumper mm (ft)	6,800	(22.3)	6,900	(22.6)	6,500	(21.3)
Overall Height mm (ft)	3,150	(10.3)	3,200	(10.5)	2,900	(9.5)
Gauge mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Width of Tires mm (ft)	2,050	(6.7)	2,050	(6.7)	N/P	N/P
Width of Ripper Beam mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Center of Front Axle to Counterweight mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Cutting Edge to Center of Front Axle mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Wheelbase, Front wheel to Center of Tandem mm (ft)	4,950	(16.2)	4,950	(16.2)	4,660	(15.3)
Tandem Wheelbase mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Center of Tandem to Back of Ripper mm (ft)	N/P	N/P	N/P	N/P	N/P	N/P
Weight	6,000		6,110		7,257	
Operating Weight Total kg (lb)	6,000	(13,228)	6,110	(13,470)	7,257	(15,999)
Weight on Front Axle kg (lb)	1,900	(4,189)	2,010	(4,431)	N/P	N/P
Weight on Rear Axle kg (lb)	4,100	(9,039)	4,100	(9,039)	N/P	N/P
Maintenance	90		90		170	
Refill Capacity - Fuel L (gal)	90	(23.8)	90	(23.8)	170	(44.9)
Refill Capacity - Cooling L (gal)	40	(10.6)	40	(10.6)	N/P	N/P
Refill Capacity - Engine Oil L (gal)	15	(4.0)	15	(4.0)	N/P	N/P
Refill Capacity - Transmission L (gal)	20	(5.3)	20	(5.3)	N/P	N/P
Refill Capacity - Final Drive L (gal)	N/P	N/P	N/P	N/P	N/P	N/P
Refill Capacity - Tandem Housing Each L (gal)	60	(15.9)	60	(15.9)	N/P	N/P
Refill Capacity - Hydraulic System L (gal)	70	(18.5)	70	(18.5)	79	(20.9)
Refill Capacity - Circle Reverse L (gal)	N/P	N/P	N/P	N/P	N/P	N/P

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