



Off-Highway Truck	Rhino RT50		Komatsu HD405		Cat 772G		TEREX TR45	
General								
Brand	Rhino		Komatsu		Cat		TEREX	
Model	RT50		HD405		772G		TR45	
Gross Engine Output Kw (Hp)	392	(526)	386	(518)	392	(526)	370	(496)
Max. Gross (Loaded) Weight kg (lb)	82,000	(180,779)	75,080	(165,523)	82,000	(180,779)	77,960	(171,872)
Engine								
Engine Model (optional)	Cummins QSX15 (Rhino)		SAA6D140E-5		Cummins QSX15		Cummins QSK19-C525	
Engine Type	Water Cooled, 4 Cycle		Water Cooled, 4 Cycle		Water Cooled, 4		Water Cooled, 4 Cycle	
Aspiration	Turbocharged, Aftercooled		Turbocharged, Aftercooled		Turbocharged, Aftercooled		Turbocharged, Aftercooled	
Number of Cylinder	6		6		6		6	
Bore x Stroke mm (in)	137 x 169	(5.4 x 6.6)	140 x 165	(5.5 x 6.5)	137 x	(5.4 x	159 x 159	(6.25 x 6.25)
Piston Displacement L (cu. In)	15	(915.4)	15	(915.4)	15	(915.4)	19	(1,159.4)
Governor Type	Electronically Controlled		Electronically Controlled		Electronically		Electronically Controlled	
Max Torque Nm (lb-ft)	2,440	1,800	2,167	1,598	2,440	1,800	N/P	N/P
Fan Drive for Radiator Cooling	Belt		Mechanical		Belt		N/P	
Fuel System	Direct Injection		Direct Injection		Direct Injection		N/P	
Air Cleaner	Dry Type Dual Element and Precleaner		Dry Type Dual Element and Precleaner		Dry Type Dual Element and Precleaner		N/P	
Emission Certification (optional)	Tier 2 (3/4)		Tier 3		Tier 2		N/P	
Drivetrain								
Transmission Type	Full Automatic, Planetary Gear, Integrated Retarder		Full Automatic, Planetary Type		Full Automatic, Planetary Gear, Integrated Retarder		Allison M6610AR	
Number of Speeds (Fwd)	6		7		6		6	
Number of Speeds (Rev)	1		1		1		2	
Max. Speed (Fwd) kph (mph)	60	(37)	70	(43)	60	(37)	58	(36)
Lock-up Clutch	Yes		Wet, Single-Disk Clutch		Yes		N/P	
Shift Control	Automatic		Electronic Shift Control		Automatic		N/P	
Retarder Type	Transmission Integrated		Oil-Cooled		Transmission		N/P	
Service Brake Front	Full Hydraulic, Dry Disc		Full Hydraulic, Dry Disc		Full Hydraulic,		N/P	
Service Brake Rear	Multiple Disc Bathed in Oil, Sealed		Full-Hydraulic, Oil-Cooled, Multiple-Disc Type		Multiple Disc Bathed in Oil, Sealed		N/P	
Parking Brake	Spring Applied, Hydraulic Release		Spring Applied, Hydraulic Release		Spring Applied, Hydraulic Release		N/P	
Final Drive Type	Planetary Gear		Planetary Gear		Planetary Gear		N/P	
Differential Ratio	3.385		3.125		3.385		N/P	
Planetary Ratio	5.684		4.737		5.684		N/P	
Rear Axle Type	Full-Floating		Full-Floating		Full-Floating		N/P	
Steering Type	Full Hydraulic Power Steering		Full Hydraulic Power Steering		Full Hydraulic Power Steering		N/P	
Supplementary Steering	Assisted by Accumulator		Manual Control		Assisted by Accumulator		N/P	
Min. Turning Radius mm (ft)	10,500	(34)	7,200	(24)	10,500	(34)	N/P	N/P
Front Suspension Type	Independent Hydropneumatic Cylinders		Independent Hydropneumatic Cylinders		Independent Hydropneumatic Cylinders		N/P	
Effective Cylinder Stroke (Front) mm (in)	275	(11)	250	(10)	275	(11)	N/P	N/P
Rear Suspension Type	Hydropneumatic Cylinders with A-frame and Lateral Stabilizer Bar		Hydropneumatic Suspension Cylinder		Hydropneumatic Cylinders with A-frame and Lateral Stabilizer Bar		N/P	
Tires								
Tires	21.00-R35		18.00R33		21.00-R35		21.00-35	
Hydraulics								
Hoist Cylinder	Twin, 3-Stage Double Acting Cylinder		Twin, 2-Stage Telescopic Type		Twin, 3-Stage Double Acting Cylinder		N/P	
Hoist Working Pressure Mpa (Psi)	25	(3,626)	21	(3,046)	25	(3,626)	N/P	N/P
Hoist Time (sec)	9		10		9		N/P	
Drum Body								
Dump Body Capacity (Heaped) m3 (cu. Yd)	28	(36.6)	27	(35.3)	28	(36.6)	N/P	N/P
Dump Body Capacity (Struck) m3 (cu. Yd)	17	(22.2)	20	(26.2)	17	(22.2)	N/P	N/P
Payload kg (lb)	45,000	(99,208)	41,000	(90,390)	45,000	(99,208)	40,825	(90,004)
Dump Body Structure	V-Shaped		V-Shaped		V-Shaped		N/P	
Dimensions								
Overall Length mm (ft)	9,105	(30)	8,465	(28)	9,105	(30)	8,700	(29)
Overall Width mm (ft)	4,750	(16)	4,760	(16)	4,750	(16)	3,985	(13)
Wheelbase mm (ft)	3,970	(13)	3,750	(12)	3,970	(13)	3,940	(13)
Overall Height mm (ft)	4,451	(15)	4,150	(14)	4,451	(15)	4,245	(14)
Dump Height mm (ft)	8,291	(27)	8,000	(26)	8,291	(27)	N/P	N/P
Max. Dump Angle	68 depress		48 depress		68 depress		N/P	
Loading Height mm (ft)	3,573	(12)	3,450	(11)	3,573	(12)	N/P	N/P
Ground Clearance mm (in)	649	(2)	500	(2)	649	(2)	585	(2)
Weight								
Empty Vehicle Weight kg (lb)	35,890	(79,124)	34,400	(75,839)	35,890	(79,124)	39,760	(87,656)
Refill Capacities								
Fuel Tank L (Gal)	480	(127)	484	(128)	500	(132)	606	(160)

Equipment specifications and images may change without notice from Rhino Equipment Group Inc.

Rhino Equipment assumes no responsibility or liability for any information, specifications, condition reports, photography or information of the competitive equipment. Rhino Equipment is not responsible for the information contained or not contained regarding the competitive equipment.