

			
Characteristic / Característica	RHINO RD50	Caterpillar D10	Komatsu D375A-8
General			
Brand / Marca	RHINO	Caterpillar	Komatsu
Model / Modelo	RD50	D10	D375A-8
Blade Type / Tipo de Hoja	Semi-U / Dual Tilt	Semi-U / Dual Tilt	Semi-U / Dual Tilt
Net Horsepower / Potencia Neta kW (hp)	450 (603)	451 (605)	455 (609)
Operating Weight / Peso Operativo kg (lb)	70,600 (155,646)	70,171 (154,700)	72,900 (160,717)
Engine / Motor			
Engine Make / Marca del Motor	Cummins	Caterpillar	Komatsu
Engine Model / Modelo del Motor	KTA19-C525 / QSK19	Cat C27	SAA6D170E-7
Engine Type / Tipo de Motor	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel
Aspiration / Aspiración	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC
Number of Cylinders / Nro. Cilindros	6	V12	6
Bore x Stroke / Diámetro x Carrera mm (in)	159 x 159 (6.25 x 6.25)	137.2 x 152.4 (5.40 x 6.00)	170 x 170 (6.69 x 6.69)
Piston Displacement / Desplazamiento L (cu. in)	19.0 (1,159)	27.0 (1,648)	23.15 (1,413)
Fan Drive for Radiator Cooling / Mando Ventilador	Direct Mechanical	Hydraulic	Hydraulic
Fuel System / Sistema de Combustible	Direct Injection	Common Rail	Common Rail
Drivetrain / Tren de Mando			
Drivetrain Type / Tipo Tren de Mando	Powershift	3-Speed Powershift w/ TORQFLOW	Torqflow Powershift w/ TORQFLOW
Number of Speeds / Nro. Velocidades (Av/Re)	3 Fwd / 3 Rev	3 Fwd / 3 Rev	3 Fwd / 3 Rev (Auto)
Max. Speed Forward / Vel. Máx. Avance Kph (mph)	11.8 (7.3)	12.7 (7.9)	11.8 (7.3)
Max. Speed Reverse / Vel. Máx. Reversa Kph (mph)	14.3 (8.9)	15.7 (9.8)	15.8 (9.8)
Steering Control / Control de Dirección	Clutch & Brake	Differential Steering	Hydrostatic Steering
Minimum Turning Radius / Radio Min. Giro m (ft)	4.2 (13.8)	0 (Counter-rotation)	2.6 (8.5)
Final Drives / Mandos Finales	Spur Gear Double Red.	Elevated Sprocket Plan.	Planetary Final Drive
Sprockets / Ruedas Dentadas	Segmented	Segmented	Segmented
Undercarriage / Tren de Rodaje			
Undercarriage Suspension Type / Tipo Suspensión	Semi-Rigid	Elevated / Bogie Frame	K-Bogie Suspended
Track Roller Frame / Bastidor de Rodillos	Box Section	Box Section	Box Section
Track Roller Type / Tipo Rodillos de Oruga	Sealed & Lubricated	Sealed & Lubricated	Sealed & Lubricated
Number of Track Rollers / Rodillos inf. (x lado)	8	8	7
Number of Carrier Rollers / Rodillos sup. (x lado)	2	1	2
Type of Shoes / Tipo de Zapatas	Single Grouser	Single Grouser	Single Grouser
Number of Shoes per Side / Nro. Zapatas por Lado	41	44	39
Grouser Height / Altura de la Garra mm (in)	90 (3.54)	93 (3.66)	93 (3.66)
Ground Contact Area / Área Contacto cm2 (in2)	48,500 (7,518)	48,800 (7,564)	47,800 (7,409)
Ground Pressure / Presión sobre Suelo Kpa (psi)	142 (20.6)	138.2 (20.0)	146.1 (21.2)
Track Gauge / Ancho de Vía mm (ft)	2,500 (8.20)	2,550 (8.37)	2,500 (8.20)
Length of Track on Ground / Long. Oruga Suelo mm (ft)	3,880 (12.73)	3,880 (12.73)	3,980 (13.06)
Hydraulics / Sistema Hidráulico			
Hydraulic Type / Tipo Sistema Hidráulico	Gear Pump System	Load Sensing Piston	CLSS Load Sensing
Hydraulic Pump Capacity / Cap. Bomba L/min (gpm)	435 (114.9)	550 (145.3)	370 (97.7)
Relief Valve Setting / Presión Alivio Mpa (psi)	19.1 (2,770)	28.0 (4,061)	27.5 (3,988)
Dozer Blade / Hoja Topadora			
Blade Type / Tipo de Hoja	Semi-U / Dual Tilt	Semi-U / Dual Tilt	Semi-U / Dual Tilt
Dozer Blade Capacity / Capacidad Hoja m3 (cu. yd)	16.0 (20.93)	18.5 (24.20)	18.5 (24.20)
Blade Width x Height / Ancho x Alto Hoja mm (ft)	4,750 x 2,120 (15.58 x 6.96)	4,860 x 2,120 (15.94 x 6.96)	4,700 x 2,265 (15.42 x 7.43)
Dimensions / Dimensiones			
Overall Length / Longitud Total mm (ft)	7,580 (24.87)	7,750 (25.43)	7,610 (24.97)
Overall Height / Altura Total mm (ft)	3,950 (12.96)	4,098 (13.44)	4,285 (14.06)
Height to Top of Exhaust Stack / Alt. Escape mm (ft)	3,800 (12.47)	3,950 (12.96)	4,050 (13.29)
Overall Width (Shipping) / Ancho Envío mm (ft)	4,750 (15.58)	4,860 (15.94)	4,700 (15.42)
Overall Track Width / Ancho Orugas mm (ft)	3,210 (10.53)	3,160 (10.37)	3,210 (10.53)
Center of Idler to Center of Sprocket mm (ft)	3,880 (12.73)	3,880 (12.73)	3,980 (13.06)
Maintenance / Mantenimiento			
Refill Capacity - Coolant / Refrig. L (gal)	140 (36.98)	132.0 (34.87)	120.0 (31.70)
Refill Capacity - Fuel Tank / Combustible L (gal)	1,200 (317.01)	1,207 (318.86)	1,200 (317.01)
Refill Capacity - Engine / Aceite Motor L (gal)	62 (16.38)	68.0 (17.96)	87.0 (22.98)
Refill Capacity - Hydraulics / Hidráulico L (gal)	220 (58.12)	131.0 (34.61)	240.0 (63.40)
Refill Capacity - Final Drives, Each / Mando Final L (gal)	75 (19.81)	30.0 (7.93)	75.0 (19.81)
Refill Capacity - Power Train / Tren Potencia L (gal)	280 (73.97)	245.0 (64.72)	140.0 (36.98)