

			
Characteristic / Característica	RHINO RD55	Caterpillar D11	Komatsu D475A-8
General			
Brand / Marca	RHINO	Caterpillar	Komatsu
Model / Modelo	RD55	D11 / D11 CD	D475A-8
Blade Type / Tipo de Hoja	Semi-U / Carrydozer	Semi-U / Carrydozer	Semi-U / Carrydozer
Net Horsepower / Potencia Neta kW (hp)	641 (860)	634 (850)	664 (890)
Operating Weight / Peso Operativo kg (lb)	106,000 (233,690)	104,236 (229,800)	112,620 (248,284)
Engine / Motor			
Engine Make / Marca del Motor	Cummins	Caterpillar	Komatsu
Engine Model / Modelo del Motor	QSK60 / KTA50-C1150	Cat C32B	SAA12V140E-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	V16 / V12	V12	V12
Bore x Stroke / Diámetro x Carrera mm (in)	159 x 190 (6.25 x 7.48)	145 x 162 (5.71 x 6.38)	140 x 165 (5.51 x 6.50)
Piston Displacement / Desplazamiento L (cu. in)	50.0 (3,051)	32.1 (1,958)	30.48 (1,860)
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/ TD	Torqflow Powershift w/ Lock-up
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)	11.8 (7.3)	11.2 (7.0)
Max. Speed Reverse / Vel. Máx. Reversa Kph (mph)	14.3 (8.9)	14.0 (8.7)	14.0 (8.7)
Steering Control / Control de Dirección	Clutch & Brake	Differential Steering	Hydrostatic Steering
Minimum Turning Radius / Radio Min. Giro m (ft)	4.5 (14.8)	0 (Counter-rotation)	2.8 (9.2)
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	8
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	41	41
Grouser Height / Altura de la Garra mm (in)	100 (3.94)	102 (4.0)	105 (4.13)
Ground Contact Area / Área Contacto cm2 (in2)	62,500 (9,687)	63,600 (9,858)	64,800 (10,044)
Ground Pressure / Presión sobre Suelo Kpa (psi)	166 (24.1)	160.7 (23.3)	167.0 (24.2)
Track Gauge / Ancho de Vía mm (ft)	2,800 (9.19)	2,896 (9.50)	2,770 (9.09)
Length of Track on Ground / Long. Oruga Suelo mm (ft)	4,440 (14.57)	4,444 (14.58)	4,525 (14.85)
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)	620 (163.8)	670 (177.0)	540 (142.7)
Relief Valve Setting / Presión Alivio Mpa (psi)	19.1 (2,770)	22.8 (3,307)	27.5 (3,988)
Dozer Blade / Hoja Topadora			
Blade Type / Tipo de Hoja	Semi-U / Carrydozer	Semi-U / Carrydozer	Semi-U / Carrydozer
Dozer Blade Capacity / Capacidad Hoja m3 (cu. yd)	27.2 (35.58)	27.2 (35.58)	27.2 (35.58)
Blade Width x Height / Ancho x Alto Hoja mm (ft)	5,600 x 2,480 (18.37 x 8.14)	5,580 x 2,480 (18.31 x 8.14)	5,615 x 2,510 (18.42 x 8.23)
Dimensions / Dimensiones			
Overall Length / Longitud Total mm (ft)	8,580 (28.15)	8,579 (28.15)	8,715 (28.59)
Overall Height / Altura Total mm (ft)	4,480 (14.70)	4,519 (14.83)	4,546 (14.91)
Height to Top of Exhaust Stack / Alt. Escape mm (ft)	4,300 (14.11)	4,379 (14.37)	4,350 (14.27)
Overall Width (Shipping) / Ancho Envío mm (ft)	5,600 (18.37)	5,580 (18.31)	5,615 (18.42)
Overall Track Width / Ancho Orugas mm (ft)	3,710 (12.17)	3,782 (12.41)	3,710 (12.17)
Center of Idler to Center of Sprocket mm (ft)	4,440 (14.57)	4,444 (14.58)	4,525 (14.85)
Maintenance / Mantenimiento			
Refill Capacity - Coolant / Refrig. L (gal)	270 (71.33)	269.0 (71.06)	210.0 (55.48)
Refill Capacity - Fuel Tank / Combustible L (gal)	1,600 (422.68)	1,609 (425.06)	1,600 (422.68)
Refill Capacity - Engine / Aceite Motor L (gal)	120 (31.70)	106.0 (28.00)	121.0 (31.96)
Refill Capacity - Hydraulics / Hidráulico L (gal)	320 (84.54)	223.0 (58.91)	325.0 (85.86)
Refill Capacity - Final Drives, Each / Mando Final L (gal)	110 (29.06)	42.0 (11.10)	110.0 (29.06)
Refill Capacity - Power Train / Tren Potencia L (gal)	340 (89.82)	344.0 (90.88)	210.0 (55.48)