

  			
Characteristic / Característica	RHINO RD24	Caterpillar D8	John Deere 1050 P-Tier
General			
Brand / Marca	RHINO	Caterpillar	John Deere
Model / Modelo	RD24	D8	1050 P-Tier
Blade Type / Tipo de Hoja	Semi-U / Straight Tilt	Semi-U / Single Tilt	Semi-U / Dual Tilt
Net Horsepower / Potencia Neta kW (hp)	257 (345)	264 (354)	261 (350)
Operating Weight / Peso Operativo kg (lb)	37,200 (82,012)	39,750 (87,634)	43,400 (95,680)
Engine / Motor			
Engine Make / Marca del Motor	Cummins	Caterpillar	John Deere / Liebherr
Engine Model / Modelo del Motor	NTA855-C360S10	Cat C15	PSS 13.5L
Engine Type / Tipo de Motor	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel
Aspiration / Aspiración	Turbocharged	Turbocharged CAC	Turbocharged CAC
Number of Cylinders / Nro. Cilindros	6	6	6
Bore x Stroke / Diámetro x Carrera mm (in)	139.7 x 152.4 (5.50 x 6.00)	137 x 171.5 (5.40 x 6.75)	132 x 165 (5.20 x 6.50)
Piston Displacement / Desplazamiento L (cu. in)	14.0 (855)	15.2 (928)	13.5 (824)
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	4-Spd Powershift w/	Dual-Path HST
Number of Speeds / Nro. Velocidades (Av/Re)	3 Fwd / 3 Rev	4 Fwd / 4 Rev	Infinitely Variable
Max. Speed Forward / Vel. Máx. Avance Kph (mph)	11.5 (7.1)	11.3 (7.0)	11.0 (6.8)
Max. Speed Reverse / Vel. Máx. Reversa Kph (mph)	13.5 (8.4)	14.4 (8.9)	11.0 (6.8)
Steering Control / Control de Dirección	Clutch & Brake	Differential Steering	Dual-Path HST Joystick
Minimum Turning Radius / Radio Min. Giro m (ft)	3.8 (12.5)	0 (Counter-rotation)	0 (Counter-rotation)
Final Drives / Mandos Finales	Spur Gear Double Red.	Elevated Sprocket Plan.	Double Red. Planetary
Sprockets / Ruedas Dentadas	Segmented	Segmented	Segmented
Undercarriage / Tren de Rodaje			
Undercarriage Suspension Type / Tipo Suspensión	Semi-Rigid	Elevated / Bogie	Rigid Frame
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)	7	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	44	44
Grouser Height / Altura de la Garra mm (in)	80 (3.15)	84 (3.3)	93 (3.66)
Ground Contact Area / Área Contacto cm2 (in2)	37,800 (5,859)	43,000 (6,665)	48,500 (7,518)
Ground Pressure / Presión sobre Suelo Kpa (psi)	96.5 (14.0)	90.6 (13.1)	87.8 (12.7)
Track Gauge / Ancho de Vía mm (ft)	2,140 (7.02)	2,083 (6.83)	2,260 (7.41)
Length of Track on Ground / Long. Oruga Suelo mm (ft)	3,150 (10.33)	3,206 (10.52)	3,420 (11.22)
Hydraulics / Sistema Hidráulico			
Hydraulic Type / Tipo Sistema Hidráulico	Gear Pump System	Load Sensing Piston	Load Sensing Piston
Hydraulic Pump Capacity / Cap. Bomba L/min (gpm)	335.5 (88.6)	286 (75.5)	340 (89.8)
Relief Valve Setting / Presión Alivio Mpa (psi)	19.1 (2,770)	24.1 (3,500)	22.5 (3,263)
Dozer Blade / Hoja Topadora			
Blade Type / Tipo de Hoja	Semi-U / Straight Tilt	Semi-U / Single Tilt	Semi-U / Dual Tilt
Dozer Blade Capacity / Capacidad Hoja m3 (cu. yd)	10.0 (13.08)	10.3 (13.47)	9.50 (12.42)
Blade Width x Height / Ancho x Alto Hoja mm (ft)	4,130 x 1,590 (13.55 x 5.22)	3,940 x 1,690 (12.93 x 5.54)	4,010 x 1,610 (13.16 x 5.28)
Dimensions / Dimensiones			
Overall Length / Longitud Total mm (ft)	6,355 (20.85)	6,091 (19.98)	6,400 (21.00)
Overall Height / Altura Total mm (ft)	3,640 (11.94)	3,560 (11.68)	3,550 (11.65)
Height to Top of Exhaust Stack / Alt. Escape mm (ft)	3,480 (11.42)	3,450 (11.32)	3,420 (11.22)
Overall Width (Shipping) / Ancho Envío mm (ft)	4,130 (13.55)	3,940 (12.93)	4,010 (13.16)
Overall Track Width / Ancho Orugas mm (ft)	2,820 (9.25)	2,743 (9.00)	2,970 (9.74)
Center of Idler to Center of Sprocket mm (ft)	3,150 (10.33)	3,206 (10.52)	3,420 (11.22)
Maintenance / Mantenimiento			
Refill Capacity - Coolant / Refrig. L (gal)	79 (20.87)	77.0 (20.34)	85.0 (22.45)
Refill Capacity - Fuel Tank / Combustible L (gal)	640 (169.07)	627 (165.64)	681 (179.90)
Refill Capacity - Engine / Aceite Motor L (gal)	47 (12.42)	38.0 (10.04)	43.0 (11.36)
Refill Capacity - Hydraulics / Hidráulico L (gal)	164 (43.32)	120.0 (31.70)	160.0 (42.27)
Refill Capacity - Final Drives, Each / Mando Final L (gal)	47 (12.42)	18.5 (4.89)	32.0 (8.45)
Refill Capacity - Power Train / Tren Potencia L (gal)	185 (48.87)	155.0 (40.95)	N/A (HST Direct)