



Characteristic / Característica	RHINO RD8	Caterpillar D3	John Deere 450 P-Tier	CASE 850M	Komatsu D39EX-24	New Holland D85B
General						
Brand / Marca	RHINO	Caterpillar	John Deere	CASE	Komatsu	New Holland
Model / Modelo	RD8	D3	450 P-Tier	850M	D39EX-24	D85B
Blade Type / Tipo de Hoja	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)
Net Horsepower / Potencia Neta kW (hp)	81 (108.6)	77.6 (104)	53 (71)	84 (112)	78 (105)	72 (96)
Operating Weight / Peso Operativo kg (lb)	10,400 (22,928)	9,362 (20,640)	7,941 (17,507)	9,808 (21,623)	9,930 (21,891)	9,800 (21,605)
Engine / Motor						
Engine Make / Marca del Motor	Cummins	Caterpillar	John Deere	FPT (Fiat Powertrain)	Komatsu	FPT (Fiat Powertrain)
Engine Model / Modelo del Motor	4BTA3.9	Cat C3.6	PowerTech 4045HT084	F4HFE413B	SAA4D95LE-7	F4HE9484A
Engine Type / Tipo de Motor	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel	4-Stroke Diesel
Aspiration / Aspiración	Turbocharged	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC
Number of Cylinders / Nro. Cilindros	4	4	4	4	4	4
Bore x Stroke / Diámetro x Carrera mm (in)	102 x 120 (4.02 x 4.72)	98 x 120 (3.86 x 4.72)	106 x 127 (4.17 x 5.00)	99 x 110 (3.90 x 4.33)	95 x 115 (3.74 x 4.53)	99 x 110 (3.90 x 4.33)
Piston Displacement / Desplazamiento L (cu. in)	3.9 (238)	3.6 (220)	4.5 (275)	3.4 (207)	3.26 (199)	3.4 (207)
Fan Drive for Radiator Cooling / Mando Ventilador	Direct Mechanical	Hydraulic	Direct Mechanical	Direct Mechanical	Hydraulic	Direct Mechanical
Fuel System / Sistema de Combustible	Direct Injection	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
Drivetrain / Tren de Mando						
Drivetrain Type / Tipo Tren de Mando	Powershift	Hydrostatic (HST)	Hydrostatic (HST)	Hydrostatic (HST)	Hydrostatic (HST)	Hydrostatic (HST)
Number of Speeds / Nro. Velocidades (Av/Re)	4 Fwd / 2 Rev	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
Max. Speed Forward / Vel. Máx. Avance Kph (mph)	10.4 (6.5)	9.0 (5.6)	8.0 (5.0)	9.7 (6.0)	8.5 (5.3)	9.7 (6.0)
Max. Speed Reverse / Vel. Máx. Reversa Kph (mph)	6.7 (4.2)	10.0 (6.2)	8.0 (5.0)	9.7 (6.0)	8.5 (5.3)	9.7 (6.0)
Steering Control / Control de Dirección	Clutch & Brake	Dual-Path HST Joystick	Dual-Path HST Joystick	Dual-Path HST Joystick	PCCS Joystick	Dual-Path HST Joystick
Minimum Turning Radius / Radio Min. Giro m (ft)	2.2 (7.2)	0 (Counter-rotation)	0 (Counter-rotation)	0 (Counter-rotation)	0 (Counter-rotation)	0 (Counter-rotation)
Final Drives / Mandos Finales	Spur Gear Double Red.	Triple Red. Planetary	Double Red. Planetary	Double Red. Planetary	Planetary Final Drive	Double Red. Planetary
Sprockets / Ruedas Dentadas	Segmented	Segmented	Segmented	Segmented	Segmented	Segmented
Undercarriage / Tren de Rodaje						
Undercarriage Suspension Type / Tipo Suspensión	Rigid Frame	Rigid Frame	Rigid Frame	Rigid Frame	Rigid Frame	Rigid Frame
Track Roller Frame / Bastidor de Rodillos	Box Section	Box Section	Box Section	Box Section	Box Section	Box Section
Track Roller Type / Tipo Rodillos de Oruga	Sealed & Lubricated	Sealed & Lubricated	Sealed & Lubricated	Sealed & Lubricated	Sealed & Lubricated	Sealed & Lubricated
Number of Track Rollers / Rodillos inf. (x lado)	5	6	5	6	6	6
Number of Carrier Rollers / Rodillos sup. (x lado)	1	1	1	1	1	1
Type of Shoes / Tipo de Zapatas	Single Grouser	Single Grouser	Single Grouser	Single Grouser	Single Grouser	Single Grouser
Number of Shoes per Side / Nro. Zapatas por Lado	39	39	36	38	39	38
Grouser Height / Altura de la Garra mm (in)	50 (2.0)	47 (1.85)	48 (1.9)	51 (2.0)	47 (1.85)	51 (2.0)
Ground Contact Area / Área Contacto cm2 (in2)	17,040 (2,641)	18,400 (2,852)	16,100 (2,495)	19,200 (2,976)	19,800 (3,069)	19,200 (2,976)
Ground Pressure / Presión sobre Suelo Kpa (psi)	54 (7.9)	42 (6.1)	43 (6.2)	40 (5.8)	39 (5.7)	40 (5.8)
Track Gauge / Ancho de Vía mm (ft)	1,500 (4.92)	1,550 (5.08)	1,448 (4.75)	1,575 (5.17)	1,620 (5.31)	1,575 (5.17)
Length of Track on Ground / Long. Oruga Suelo mm (ft)	2,130 (6.99)	2,248 (7.37)	1,981 (6.50)	2,245 (7.36)	2,310 (7.58)	2,245 (7.36)
Hydraulics / Sistema Hidráulico						
Hydraulic Type / Tipo Sistema Hidráulico	Gear Pump System	Load Sensing Piston	Load Sensing Piston	Load Sensing Piston	CLSS Load Sensing	Load Sensing Piston
Hydraulic Pump Capacity / Cap. Bomba L/min (gpm)	54 (14.2)	65 (17.2)	57 (15.0)	78 (20.6)	98.5 (26.0)	78 (20.6)
Relief Valve Setting / Presión Alivio Mpa (psi)	15 (2,176)	20.6 (2,988)	20.0 (2,900)	20.7 (3,000)	20.6 (2,988)	20.7 (3,000)
Dozer Blade / Hoja Topadora						
Blade Type / Tipo de Hoja	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)	PAT (6-Way / 6 Vías)
Dozer Blade Capacity / Capacidad Hoja m3 (cu. yd)	2.2 (2.88)	2.19 (2.86)	1.60 (2.09)	2.18 (2.85)	2.21 (2.89)	2.18 (2.85)
Blade Width x Height / Ancho x Alto Hoja mm (ft)	2,935 x 960 (9.63 x 3.15)	2,782 x 973 (9.13 x 3.19)	2,692 x 955 (8.83 x 3.13)	2,870 x 980 (9.42 x 3.22)	2,710 x 980 (8.89 x 3.22)	2,870 x 980 (9.42 x 3.22)
Dimensions / Dimensiones						
Overall Length / Longitud Total mm (ft)	4,200 (13.78)	4,337 (14.23)	4,210 (13.81)	4,400 (14.44)	4,380 (14.37)	4,400 (14.44)
Overall Height / Altura Total mm (ft)	2,740 (8.99)	2,769 (9.08)	2,740 (8.99)	2,770 (9.09)	2,785 (9.14)	2,770 (9.09)
Height to Top of Exhaust Stack / Alt. Escape mm (ft)	2,600 (8.53)	2,680 (8.79)	2,650 (8.69)	2,700 (8.86)	2,710 (8.89)	2,700 (8.86)
Overall Width (Shipping) / Ancho Envío mm (ft)	2,935 (9.63)	2,782 (9.13)	2,692 (8.83)	2,870 (9.42)	2,710 (8.89)	2,870 (9.42)
Overall Track Width / Ancho Orugas mm (ft)	1,950 (6.40)	2,000 (6.56)	1,898 (6.23)	2,032 (6.67)	2,080 (6.82)	2,032 (6.67)
Center of Idler to Center of Sprocket mm (ft)	2,130 (6.99)	2,248 (7.37)	1,981 (6.50)	2,245 (7.36)	2,310 (7.58)	2,245 (7.36)
Maintenance / Mantenimiento						
Refill Capacity - Coolant / Refrig. L (gal)	22.5 (5.94)	19.0 (5.02)	17.0 (4.49)	20.0 (5.28)	21.0 (5.55)	20.0 (5.28)
Refill Capacity - Fuel Tank / Combustible L (gal)	215 (56.80)	195 (51.51)	163 (43.06)	185 (48.87)	190 (50.19)	185 (48.87)
Refill Capacity - Engine / Aceite Motor L (gal)	15 (3.96)	10.5 (2.77)	13.0 (3.43)	12.0 (3.17)	11.0 (2.91)	12.0 (3.17)
Refill Capacity - Hydraulics / Hidráulico L (gal)	40 (10.57)	58.0 (15.32)	45.0 (11.89)	55.0 (14.53)	60.0 (15.85)	55.0 (14.53)
Refill Capacity - Final Drives, Each / Mando Final L (gal)	10 (2.64)	10.0 (2.64)	8.5 (2.25)	14.0 (3.70)	8.5 (2.25)	14.0 (3.70)
Refill Capacity - Power Train / Tren Potencia L (gal)	57 (15.06)	N/A (HST Direct)	N/A (HST Direct)	N/A (HST Direct)	N/A (HST Direct)	N/A (HST Direct)