



Characteristic / Característica	RHINO RCT80H	Caterpillar CB7 / CB8	Komatsu JV80CW-3 / JV80W	CASE DV209D / DV210D	John Deere / Hamm HD 70 VV / HD 90 VV	SANY STR80C-8
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	John Deere / Hamm	SANY
Model / Modelo	RCT80H	CB7 / CB8	JV80CW-3 / JV80W	DV209D / DV210D	HD 70 VV / HD 90 VV	STR80C-8
Configuration Type / Configuración	Double Drum Tandem / Tándem Doble Rodillo	Double Drum Tandem / Tándem Doble Rodillo	Double Drum Tandem / Combination	Double Drum Tandem / Tándem Doble Rodillo	Double Drum Tandem / Tándem Doble Rodillo	Double Drum Tandem / Tándem Doble Rodillo
Operating Weight / Peso Operativo kg (lb)	8,000 (17,637)	7,400 (16,314) / 9,100 (20,062)	8,100 (17,857)	8,200 (18,078) / 9,500 (20,944)	7,100 (15,653) / 9,100 (20,062)	8,000 (17,637)
Operating Weight at Front Drum / Peso en Tambor Delantero kg (lb)	3,950 (8,708)	3,750 (8,267) / 4,600 (10,141)	4,000 (8,818)	4,050 (8,929) / 4,700 (10,362)	3,600 (7,937) / 4,550 (10,031)	3,950 (8,708)
Operating Weight at Rear Drum / Peso en Tambor Trasero kg (lb)	4,050 (8,929)	3,650 (8,047) / 4,500 (9,921)	4,100 (9,039)	4,150 (9,149) / 4,800 (10,582)	3,500 (7,716) / 4,550 (10,031)	4,050 (8,929)
Engine / Motor						
Engine Make / Marca del Motor	Cummins / Yuchai	Caterpillar	Komatsu / Cummins	FPT (Fiat Powertrain)	Deutz / Wirtgen	Cummins / Weichai
Engine Model / Modelo del Motor	4BT3.9 / YC4D	Cat C3.4B ACERT / C4.4	S4D102E-1	F4GE9484 / F4HFE413	TCD 3.6 L4 / TCD 2012	QSB3.3 / WP4
Engine Type / Tipo de Motor	4-Stroke Diesel / Diésel 4 Tiempos	4-Stroke Diesel / Diésel 4 Tiempos	4-Stroke Diesel / Diésel 4 Tiempos	4-Stroke Diesel / Diésel 4 Tiempos	4-Stroke Diesel / Diésel 4 Tiempos	4-Stroke Diesel / Diésel 4 Tiempos
Aspiration / Aspiración	Turbocharged CAC	Turbocharged CAC	Turbocharged	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC
Number of Cylinders / Número de Cilindros	4	4	4	4	4	4
Net Horsepower / Potencia Neta kW (hp)	60.0 (80.0) @ 2,200 rpm	55.0 (73.7) / 75.0 (100.6)	56.0 (75.0) @ 2,200 rpm	74.0 (99.2) @ 2,200 rpm	55.4 (74.3) / 74.4 (99.8)	60.0 (80.0) @ 2,200 rpm
Gross Horsepower / Potencia Bruta kW (hp)	63.0 (84.5)	55.0 (73.7) / 75.0 (100.6)	58.0 (77.8)	74.0 (99.2)	55.4 (74.3) / 74.4 (99.8)	63.0 (84.5)
Displacement / Desplazamiento L (cu. in)	3.9 (238) / 4.2 (256)	3.4 (207) / 4.4 (269)	3.9 (238)	3.9 (238) / 4.5 (275)	3.6 (220) / 4.0 (244)	3.3 (201) / 4.1 (250)
Fuel System / Sistema de Combustible	Direct Injection / Mechanical	Common Rail / Riel Común	Direct Injection / Mechanical	Common Rail / Riel Común	Common Rail / Riel Común	Common Rail / Riel Común
Powertrain & Speed / Tren de Potencia y Velocidad						
Transmission Type / Tipo de Transmisión	Hydrostatic Drive / Hidrostática	Hydrostatic Drive / Hidrostática	Hydrostatic Drive / Hidrostática	Hydrostatic Drive / Hidrostática	Hydrostatic Drive / Hidrostática	Hydrostatic Drive / Hidrostática
Max. Travel Speed / Velocidad Máxima Kph (mph)	12.0 (7.5)	12.0 (7.5)	11.5 (7.1)	12.0 (7.5)	12.0 (7.5)	12.0 (7.5)
Gradeability (With / Without Vibration) / Pendiente Superable	30% / 35%	30% / 40%	30% / 35%	30% / 40%	30% / 40%	30% / 35%
Steering Articulation Angle / Ángulo de Articulación	±35°	±35°	±32°	±35°	±35°	±35°
Outside Turning Radius / Radio de Giro Exterior mm (in)	4,800 (189.0)	4,800 (189.0) / 5,100 (200.8)	4,700 (185.0)	4,900 (192.9)	4,800 (189.0) / 5,150 (202.8)	4,800 (189.0)
Hydraulics & Vibration / Sistema Hidráulico y Vibración						
Hydraulic Pump Type / Tipo de Bomba Hidráulica	Closed Center Variable Piston / Pistones Caudal Variable	Variable Displacement Piston / Pistones Caudal Variable	Variable Displacement Piston / Pistones Caudal Variable	Variable Displacement Piston / Pistones Caudal Variable	Variable Displacement Piston / Pistones Caudal Variable	Variable Displacement Piston / Pistones Caudal Variable
System Relief Pressure / Ajuste Válvula de Alivio MPa (psi)	25.0 (3,626)	28.0 (4,061)	24.0 (3,481)	28.0 (4,061)	28.0 (4,061)	25.0 (3,626)
Nominal Frequency (Low / High) / Frecuencia Nominal Hz (vpm)	42.0 / 52.0 (2,520 / 3,120)	42.0 / 53.0 (2,520 / 3,180)	42.0 / 50.0 (2,520 / 3,000)	42.0 / 55.0 (2,520 / 3,300)	42.0 / 50.0 (2,520 / 3,000)	42.0 / 52.0 (2,520 / 3,120)
Nominal Amplitude (High / Low) / Amplitud Nominal mm (in)	0.70 / 0.38 (0.028 / 0.015)	0.65 / 0.35 (0.026 / 0.014)	0.65 / 0.32 (0.026 / 0.013)	0.72 / 0.36 (0.028 / 0.014)	0.65 / 0.35 (0.026 / 0.014)	0.70 / 0.38 (0.028 / 0.015)
Centrifugal Force (Max / Min) / Fuerza Centrifuga kN (lbf)	80.0 / 48.0 (17,984 / 10,790)	78.0 / 45.0 (17,535 / 10,116)	75.0 / 42.0 (16,860 / 9,442)	85.0 / 52.0 (19,108 / 11,690)	78.0 / 48.0 (17,535 / 10,790)	80.0 / 48.0 (17,984 / 10,790)
Static Linear Load / Carga Lineal Estática kg/cm (lb/in)	23.5 (131.6)	25.0 (140.0) / 27.2 (152.3)	24.2 (135.5)	24.1 (135.0) / 28.0 (156.8)	24.0 (134.4) / 27.0 (151.2)	23.5 (131.6)
Drum Performance & Range / Especificaciones de Tambor						
Drum Type / Tipo de Tambor	Smooth Double Drum / Doble Tambor Liso	Smooth Double Drum / Doble Tambor Liso	Smooth Double Drum / Combination	Smooth Double Drum / Doble Tambor Liso	Smooth Double Drum / Doble Tambor Liso	Smooth Double Drum / Doble Tambor Liso
Drum Width / Ancho del Tambor mm (in)	1,680 (66.1)	1,500 (59.1) / 1,700 (66.9)	1,680 (66.1)	1,700 (66.9)	1,500 (59.1) / 1,680 (66.1)	1,680 (66.1)
Drum Diameter / Diámetro del Tambor mm (in)	1,150 (45.3)	1,100 (43.3) / 1,200 (47.2)	1,120 (44.1)	1,150 (45.3) / 1,220 (48.0)	1,140 (44.9) / 1,200 (47.2)	1,150 (45.3)
Drum Shell Thickness / Espesor de Tambor mm (in)	18 (0.71)	18 (0.71) / 20 (0.79)	16 (0.63)	18 (0.71) / 20 (0.79)	18 (0.71) / 20 (0.79)	18 (0.71)
Water Spray Tank Capacity / Tanque de Agua L (gal)	600.0 (158.5)	600.0 (158.5) / 750.0 (198.1)	550.0 (145.3)	650.0 (171.7) / 750.0 (198.1)	650.0 (171.7) / 750.0 (198.1)	600.0 (158.5)
Dimensions / Dimensiones						
Overall Length / Longitud Total mm (ft)	4,500 (14.8)	4,500 (14.8) / 4,700 (15.4)	4,400 (14.4)	4,600 (15.1)	4,400 (14.4) / 4,600 (15.1)	4,500 (14.8)
Overall Width / Ancho Total mm (ft)	1,800 (5.9)	1,650 (5.4) / 1,850 (6.1)	1,800 (5.9)	1,820 (6.0) / 1,850 (6.1)	1,620 (5.3) / 1,800 (5.9)	1,800 (5.9)
Overall Height / Altura a Cabina/ROPS mm (ft)	2,950 (9.7)	3,000 (9.8) / 3,050 (10.0)	2,900 (9.5)	2,950 (9.7) / 3,020 (9.9)	2,950 (9.7) / 3,050 (10.0)	2,950 (9.7)
Wheelbase / Distancia Entre Ejes mm (ft)	3,150 (10.3)	3,100 (10.2) / 3,300 (10.8)	3,050 (10.0)	3,200 (10.5)	3,150 (10.3) / 3,250 (10.7)	3,150 (10.3)
Ground Clearance / Distancia Mínima al Suelo mm (in)	310 (12.2)	320 (12.6) / 350 (13.8)	300 (11.8)	320 (12.6) / 340 (13.4)	310 (12.2) / 330 (13.0)	310 (12.2)
Refill Capacities / Capacidades de Llenado de Mantenimiento						
Refill Capacity - Fuel Tank / Capacidad Tanque de Combustible L (gal)	135.0 (35.7)	135.0 (35.7) / 160.0 (42.3)	120.0 (31.7)	140.0 (37.0) / 160.0 (42.3)	125.0 (33.0) / 145.0 (38.3)	135.0 (35.7)
Refill Capacity - Hydraulic Tank / Capacidad Tanque Hidráulico L (gal)	95.0 (25.1)	95.0 (25.1) / 110.0 (29.1)	85.0 (22.5)	100.0 (26.4)	85.0 (22.5) / 100.0 (26.4)	95.0 (25.1)
Refill Capacity - Engine Oil / Capacidad Aceite de Motor L (gal)	11.0 (2.9)	10.5 (2.8) / 12.0 (3.2)	11.0 (2.9)	11.5 (3.0) / 12.5 (3.3)	11.0 (2.9) / 12.0 (3.2)	11.0 (2.9)