



Characteristic / Característica	RHINO RC80	Caterpillar CS44B / CS11 GC	Komatsu JV80-3	CASE SV208	John Deere / Hamm 3207	SANY SSR80C-8
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	John Deere / Hamm	SANY
Model / Modelo	RC80	CS44B / CS11 GC (Ref)	JV80-3	SV208	3207 / HD 70	SSR80C-8
Configuration Type / Configuración	Single Drum / Monocilindrico	Single Drum / Monocilindrico	Single Drum / Monocilindrico	Single Drum / Monocilindrico	Single Drum / Monocilindrico	Single Drum / Monocilindrico
Operating Weight / Peso Operativo kg (lb)	8,000 (17,637)	7,210 (15,895) / 11,300 (24,912)	8,100 (17,857)	7,400 (16,314)	7,150 (15,763)	8,000 (17,637)
Operating Weight at Drum / Peso en Tambor kg (lb)	4,200 (9,259)	3,750 (8,267)	4,250 (9,370)	3,850 (8,488)	3,700 (8,157)	4,200 (9,259)
Operating Weight at Rear Axle / Peso Eje Trasero kg (lb)	3,800 (8,378)	3,460 (7,628)	3,850 (8,488)	3,550 (7,826)	3,450 (7,606)	3,800 (8,378)
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 C3.3B / C4.4 ACERT	S4D102E-1	F4HE6485	TCD 2012 L04	QSB3.9 / 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 CAC	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	75.0 (100.6) / 83.0 (111.3)	60.0 (80.0) @ 2,200 rpm	55.0 (74.0) @ 2,200 rpm	55.4 (74.3) @ 2,300 rpm	74.0 (99.2) @ 2,200 rpm
Gross Horsepower / Potencia Bruta kW (hp)	65.0 (87.2)	75.0 (100.6) / 83.0 (111.3)	65.0 (87.2)	58.0 (77.8)	58.0 (77.8)	77.0 (103.2)
Displacement / Desplazamiento L (cu. in)	3.9 (238) / 4.2 (256)	3.3 (201) / 4.4 (269)	3.9 (238)	3.9 (238)	4.0 (244)	3.9 (238) / 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)	10.5 (6.5)	11.4 (7.1)	10.5 (6.5)	11.5 (7.1)	12.0 (7.5)	12.0 (7.5)
Gradeability (With / Without Vibration) / Pendiente Superable	30% / 35%	35% / 40%	30% / 35%	35% / 40%	35% / 40%	35% / 40%
Steering Articulation Angle / Ángulo de Articulación	±30°	±34°	±30°	±35°	±30°	±35°
Outside Turning Radius / Radio de Giro Exterior mm (in)	5,000 (196.9)	5,050 (198.8)	5,000 (196.9)	5,100 (200.8)	5,000 (196.9)	5,100 (200.8)
Standard Tire Size / Tamaño Estándar de Llantas	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24
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)	28.0 (4,061)	32.0 (4,641)	28.0 (4,061)	30.0 (4,351)	30.0 (4,351)	30.0 (4,351)
Nominal Frequency (Low / High) / Frecuencia Nominal Hz (vpm)	30.0 / 35.0 (1,800 / 2,100)	31.9 (1,914)	30.0 / 33.0 (1,800 / 1,980)	31.0 / 34.0 (1,860 / 2,040)	30.0 / 40.0 (1,800 / 2,400)	30.0 / 35.0 (1,800 / 2,100)
Nominal Amplitude (High / Low) / Amplitud Nominal mm (in)	1.70 / 0.85 (0.067 / 0.033)	1.67 / 0.84 (0.066 / 0.033)	1.65 / 0.80 (0.065 / 0.031)	1.70 / 0.80 (0.067 / 0.031)	1.70 / 0.80 (0.067 / 0.031)	1.75 / 0.85 (0.069 / 0.033)
Centrifugal Force (Max / Min) / Fuerza Centrífuga kN (lbf)	135.0 / 80.0 (30,349 / 17,984)	133.0 / 78.0 (29,900 / 17,535)	125.0 / 75.0 (28,100 / 16,860)	130.0 / 75.0 (29,225 / 16,860)	125.0 / 72.0 (28,100 / 16,186)	140.0 / 85.0 (31,473 / 19,108)
Static Linear Load / Carga Lineal Estática kg/cm (lb/in)	24.4 (136.6)	22.3 (124.9)	24.7 (138.3)	22.5 (126.0)	21.8 (122.1)	24.4 (136.6)
Drum Performance & Range / Especificaciones de Tambor						
Drum Type / Tipo de Tambor	Smooth Drum (Optional Padfoot Shell)	Smooth Drum / Padfoot	Smooth Drum / Padfoot	Smooth Drum / Padfoot	Smooth Drum / Padfoot	Smooth Drum / Padfoot
Drum Width / Ancho del Tambor mm (in)	1,720 (67.7)	1,676 (66.0)	1,720 (67.7)	1,680 (66.1)	1,680 (66.1)	1,720 (67.7)
Drum Diameter / Diámetro del Tambor mm (in)	1,220 (48.0)	1,221 (48.1)	1,220 (48.0)	1,220 (48.0)	1,210 (47.6)	1,220 (48.0)
Drum Shell Thickness / Espesor de Tambor mm (in)	22 (0.87)	22 (0.87)	22 (0.87)	22 (0.87)	20 (0.79)	22 (0.87)
Dimensions / Dimensiones						
Overall Length / Longitud Total mm (ft)	4,950 (16.2)	5,090 (16.7)	4,900 (16.1)	4,900 (16.1)	4,850 (15.9)	4,950 (16.2)
Overall Width / Ancho Total mm (ft)	1,900 (6.2)	1,820 (6.0)	1,880 (6.2)	1,850 (6.1)	1,850 (6.1)	1,900 (6.2)
Overall Height / Altura a Cabina/ROPS mm (ft)	2,850 (9.4)	2,880 (9.4)	2,800 (9.2)	2,820 (9.2)	2,800 (9.2)	2,850 (9.4)
Wheelbase / Distancia Entre Ejes mm (ft)	2,600 (8.5)	2,600 (8.5)	2,550 (8.4)	2,580 (8.5)	2,550 (8.4)	2,600 (8.5)
Ground Clearance / Distancia Mínima al Suelo mm (in)	360 (14.2)	380 (15.0)	350 (13.8)	360 (14.2)	350 (13.8)	360 (14.2)
Refill Capacities / Capacidades de Llenado de Mantenimiento						
Refill Capacity - Fuel Tank / Capacidad Tanque de Combustible L (gal)	160.0 (42.3)	155.0 (40.9)	150.0 (39.6)	150.0 (39.6)	145.0 (38.3)	160.0 (42.3)
Refill Capacity - Hydraulic Tank / Capacidad Tanque Hidráulico L (gal)	115.0 (30.4)	80.0 (21.1)	95.0 (25.1)	100.0 (26.4)	95.0 (25.1)	115.0 (30.4)
Refill Capacity - Engine Oil / Capacidad Aceite de Motor L (gal)	12.0 (3.2)	10.0 (2.6)	11.0 (2.9)	11.5 (3.0)	11.0 (2.9)	12.0 (3.2)