



Characteristic / Característica	RHINO RC120	Caterpillar CS11 GC / CS12 GC	Komatsu JV100-3	CASE SV212 / SV216	John Deere / Hamm 3411	SANY SSR120C-8
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	John Deere / Hamm	SANY
Model / Modelo	RC120	CS11 GC / CS12 GC	JV100-3	SV212 / SV216	3411 / HD 110	SSR120C-8
Configuration Type / Configuración	Single Drum / Monocilíndrico	Single Drum / Monocilíndrico	Single Drum / Monocilíndrico	Single Drum / Monocilíndrico	Single Drum / Monocilíndrico	Single Drum / Monocilíndrico
Operating Weight / Peso Operativo kg (lb)	12,000 (26,455)	11,300 (24,912) / 12,500 (27,558)	10,200 (22,487)	11,100 (24,471) / 13,200 (29,101)	11,200 (24,692)	12,000 (26,455)
Operating Weight at Drum / Peso en Tambor kg (lb)	6,700 (14,771)	6,100 (13,448) / 7,200 (15,873)	5,400 (11,905)	6,000 (13,228) / 7,800 (17,196)	6,100 (13,448)	6,700 (14,771)
Operating Weight at Rear Axle / Peso Eje Trasero kg (lb)	5,300 (11,684)	5,200 (11,464) / 5,300 (11,684)	4,800 (10,582)	5,100 (11,243) / 5,400 (11,905)	5,100 (11,243)	5,300 (11,684)
Engine / Motor						
Engine Make / Marca del Motor	Cummins / Yuchai	Caterpillar	Komatsu / Cummins	FPT (Fiat Powertrain)	Deutz / Wirtgen	Cummins / Weichai
Engine Model / Modelo del Motor	6BTA5.9 / YC6J	Cat 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	6	4	4	4 / 6	4	4 / 6
Net Horsepower / Potencia Neta kW (hp)	93.0 (125.0) @ 2,200 rpm	83.0 (111.3) / 100.0 (134.0)	80.0 (107.2) @ 2,200 rpm	82.0 (110.0) / 116.0 (156.0)	100.0 (134.0) @ 2,300 rpm	93.0 (125.0) @ 2,200 rpm
Gross Horsepower / Potencia Bruta kW (hp)	97.0 (130.0)	83.0 (111.3) / 100.0 (134.0)	85.0 (114.0)	86.0 (115.3) / 122.0 (163.6)	100.0 (134.0)	97.0 (130.0)
Displacement / Desplazamiento L (cu. in)	5.9 (360) / 6.5 (397)	4.4 (269)	3.9 (238)	4.5 (275) / 6.7 (409)	4.0 (244)	3.9 (238) / 4.5 (275)
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)	11.5 (7.1)	11.0 (6.8) / 11.4 (7.1)	11.0 (6.8)	11.5 (7.1) / 12.0 (7.5)	12.0 (7.5)	12.0 (7.5)
Gradeability (With / Without Vibration) / Pendiente Superable	35% / 40%	35% / 45%	30% / 35%	35% / 45%	35% / 45%	35% / 45%
Steering Articulation Angle / Ángulo de Articulación	±35°	±34°	±30°	±35°	±30°	±35°
Outside Turning Radius / Radio de Giro Exterior mm (in)	5,600 (220.5)	5,550 (218.5) / 5,700 (224.4)	5,400 (212.6)	5,600 (220.5) / 5,800 (228.3)	5,600 (220.5)	5,650 (222.4)
Standard Tire Size / Tamaño Estándar de Llantas	23.1-26	23.1-26	23.1-26	23.1-26	23.1-26	23.1-26
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)	30.0 (4,351)	32.0 (4,641)	30.0 (4,351)	32.0 (4,641)	32.0 (4,641)	32.0 (4,641)
Nominal Frequency (Low / High) / Frecuencia Nominal Hz (rpm)	30.0 / 33.0 (1,800 / 1,980)	31.9 / 30.5 (1,914 / 1,830)	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)	1.85 / 0.95 (0.073 / 0.037)	1.80 / 0.85 (0.071 / 0.033)	1.70 / 0.85 (0.067 / 0.033)	1.80 / 0.90 (0.071 / 0.035)	1.80 / 0.80 (0.071 / 0.031)	1.85 / 0.95 (0.073 / 0.037)
Centrifugal Force (Max / Min) / Fuerza Centrífuga kN (lbf)	270.0 / 160.0 (60,700 / 35,970)	240.0 / 140.0 (53,954 / 31,473)	215.0 / 125.0 (48,334 / 28,100)	270.0 / 160.0 (60,700 / 35,970)	246.0 / 140.0 (55,303 / 31,473)	275.0 / 165.0 (61,822 / 37,094)
Static Linear Load / Carga Lineal Estática kg/cm (lb/in)	31.4 (175.8)	28.6 (160.2) / 33.7 (188.7)	25.3 (141.7)	28.1 (157.4) / 36.6 (205.0)	28.6 (160.2)	31.4 (175.8)
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)	2,130 (83.9)	2,134 (84.0)	2,130 (83.9)	2,130 (83.9)	2,140 (84.3)	2,130 (83.9)
Drum Diameter / Diámetro del Tambor mm (in)	1,500 (59.1)	1,534 (60.4)	1,500 (59.1)	1,500 (59.1)	1,500 (59.1)	1,500 (59.1)
Drum Shell Thickness / Espesor de Tambor mm (in)	28 (1.10)	25 (0.98) / 30 (1.18)	25 (0.98)	25 (0.98) / 30 (1.18)	25 (0.98)	28 (1.10)
Dimensions / Dimensiones						
Overall Length / Longitud Total mm (ft)	5,800 (19.0)	5,700 (18.7) / 6,000 (19.7)	5,600 (18.4)	5,700 (18.7) / 6,000 (19.7)	5,700 (18.7)	5,850 (19.2)
Overall Width / Ancho Total mm (ft)	2,300 (7.5)	2,300 (7.5)	2,260 (7.4)	2,300 (7.5)	2,280 (7.5)	2,300 (7.5)
Overall Height / Altura a Cabina/ROPS mm (ft)	3,050 (10.0)	3,000 (9.8) / 3,110 (10.2)	2,950 (9.7)	3,000 (9.8) / 3,100 (10.2)	3,000 (9.8)	3,080 (10.1)
Wheelbase / Distancia Entre Ejes mm (ft)	2,950 (9.7)	2,900 (9.5) / 3,000 (9.8)	2,880 (9.4)	2,950 (9.7) / 3,000 (9.8)	2,950 (9.7)	3,000 (9.8)
Ground Clearance / Distancia Mínima al Suelo mm (in)	440 (17.3)	440 (17.3) / 450 (17.7)	420 (16.5)	430 (16.9) / 450 (17.7)	430 (16.9)	450 (17.7)
Refill Capacities / Capacidades de Llenado de Mantenimiento						
Refill Capacity - Fuel Tank / Capacidad Tanque de Combustible L (gal)	240.0 (63.4)	240.0 (63.4) / 250.0 (66.0)	210.0 (55.5)	230.0 (60.8) / 260.0 (68.7)	290.0 (76.6)	250.0 (66.0)
Refill Capacity - Hydraulic Tank / Capacidad Tanque Hidráulico L (gal)	145.0 (38.3)	100.0 (26.4) / 120.0 (31.7)	120.0 (31.7)	130.0 (34.3) / 140.0 (37.0)	110.0 (29.1)	150.0 (39.6)
Refill Capacity - Engine Oil / Capacidad Aceite de Motor L (gal)	14.0 (3.7)	12.0 (3.2) / 13.5 (3.6)	11.5 (3.0)	12.5 (3.3) / 15.0 (4.0)	12.0 (3.2)	14.0 (3.7)