



Characteristic / Característica	RHINO RC180	Caterpillar CS16 / CS19	Komatsu JV180-3	CASE SV216D / SV218D	John Deere / Hamm 3518 / 3520	SANY SSR180C-8
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	John Deere / Hamm	SANY
Model / Modelo	RC180	CS16 / CS19	JV180-3	SV216D / SV218D	3518 / 3520	SSR180C-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)	18,000 (39,683)	16,800 (37,037) / 18,700 (41,226)	17,800 (39,242)	16,300 (35,935) / 18,200 (40,124)	18,000 (39,683) / 19,800 (43,651)	18,000 (39,683)
Operating Weight at Drum / Peso en Tambor kg (lb)	11,500 (25,353)	10,500 (23,148) / 12,100 (26,676)	11,200 (24,692)	10,200 (22,487) / 11,800 (26,014)	11,200 (24,692) / 12,800 (28,219)	11,500 (25,353)
Operating Weight at Rear Axle / Peso Eje Trasero kg (lb)	6,500 (14,330)	6,300 (13,889) / 6,600 (14,550)	6,600 (14,550)	6,100 (13,448) / 6,400 (14,110)	6,800 (14,991) / 7,000 (15,432)	6,500 (14,330)
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 C7.1 ACERT	SAA6D107E-1	F4HE6687	TCD 2013 L06	QSB6.7 / WP6
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	6	6	6	6	6
Net Horsepower / Potencia Neta kW (hp)	128.0 (171.6) @ 2,200 rpm	129.0 (173.0) / 142.0 (190.4)	125.0 (167.6) @ 2,200 rpm	116.0 (156.0) / 122.0 (163.6)	150.0 (201.2) @ 2,300 rpm	132.0 (177.0) @ 2,200 rpm
Gross Horsepower / Potencia Bruta kW (hp)	132.0 (177.0)	129.0 (173.0) / 142.0 (190.4)	130.0 (174.3)	122.0 (163.6) / 130.0 (174.3)	150.0 (201.2)	132.0 (177.0)
Displacement / Desplazamiento L (cu. in)	5.9 (360) / 6.5 (397)	7.1 (433)	6.7 (409)	6.7 (409)	6.1 (372)	6.7 (409) / 6.75 (412)
Fuel System / Sistema de Combustible	Direct Injection / Mechanical	Common Rail / Riel Común	Common Rail / Riel Común	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)	11.4 (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% / 45%	35% / 45%	35% / 45%	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)	6,000 (236.2)	6,000 (236.2) / 6,150 (242.1)	6,000 (236.2)	6,000 (236.2) / 6,150 (242.1)	5,900 (232.3) / 6,100 (240.2)	6,050 (238.2)
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)	32.0 (4,641)	34.0 (4,931)	32.0 (4,641)	32.0 (4,641) / 34.0 (4,931)	34.0 (4,931)	34.0 (4,931)
Nominal Frequency (Low / High) / Frecuencia Nominal Hz (rpm)	28.0 / 32.0 (1,680 / 1,920)	28.0 / 30.5 (1,680 / 1,830)	28.0 / 32.0 (1,680 / 1,920)	31.0 / 34.0 (1,860 / 2,040)	27.0 / 30.0 (1,620 / 1,800)	28.0 / 33.0 (1,680 / 1,980)
Nominal Amplitude (High / Low) / Amplitud Nominal mm (in)	2.00 / 1.00 (0.079 / 0.039)	1.80 / 0.85 (0.071 / 0.033)	1.95 / 0.98 (0.077 / 0.039)	1.80 / 0.90 (0.071 / 0.035)	2.10 / 1.10 (0.083 / 0.043)	2.00 / 1.00 (0.079 / 0.039)
Centrifugal Force (Max / Min) / Fuerza Centrífuga kN (lbf)	360.0 / 230.0 (80,931 / 51,706)	282.0 / 168.0 (63,396 / 37,768)	340.0 / 210.0 (76,435 / 47,210)	320.0 / 190.0 (71,938 / 42,714)	360.0 / 240.0 (80,931 / 53,954)	365.0 / 235.0 (82,055 / 52,830)
Static Linear Load / Carga Lineal Estática kg/cm (lb/in)	54.0 (302.4)	49.2 (275.5) / 56.7 (317.5)	52.6 (294.6)	47.8 (267.7) / 55.4 (310.2)	52.3 (292.9) / 59.8 (334.9)	54.0 (302.4)
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)	40 (1.57)	40 (1.57)	38 (1.50) / 40 (1.57)	35 (1.38) / 40 (1.57)	35 (1.38) / 40 (1.57)	40 (1.57)
Dimensions / Dimensiones						
Overall Length / Longitud Total mm (ft)	6,100 (20.0)	6,250 (20.5) / 6,350 (20.8)	6,050 (19.8)	6,100 (20.0) / 6,250 (20.5)	6,000 (19.7) / 6,200 (20.3)	6,150 (20.2)
Overall Width / Ancho Total mm (ft)	2,300 (7.5)	2,330 (7.6)	2,300 (7.5)	2,300 (7.5)	2,300 (7.5)	2,300 (7.5)
Overall Height / Altura a Cabina/ROPS mm (ft)	3,150 (10.3)	3,150 (10.3) / 3,180 (10.4)	3,120 (10.2)	3,150 (10.3)	3,100 (10.2) / 3,150 (10.3)	3,150 (10.3)
Wheelbase / Distancia Entre Ejes mm (ft)	3,080 (10.1)	3,080 (10.1) / 3,150 (10.3)	3,050 (10.0)	3,080 (10.1) / 3,150 (10.3)	3,000 (9.8) / 3,100 (10.2)	3,100 (10.2)
Ground Clearance / Distancia Mínima al Suelo mm (in)	460 (18.1)	490 (19.3)	460 (18.1)	460 (18.1) / 480 (18.9)	460 (18.1) / 480 (18.9)	470 (18.5)
Refill Capacities / Capacidades de Llenado de Mantenimiento						
Refill Capacity - Fuel Tank / Capacidad Tanque de Combustible L (gal)	280.0 (74.0)	330.0 (87.2) / 350.0 (92.5)	270.0 (71.3)	280.0 (74.0) / 300.0 (79.3)	290.0 (76.6) / 320.0 (84.5)	290.0 (76.6)
Refill Capacity - Hydraulic Tank / Capacidad Tanque Hidráulico L (gal)	160.0 (42.3)	130.0 (34.3) / 140.0 (37.0)	150.0 (39.6)	150.0 (39.6) / 160.0 (42.3)	120.0 (31.7) / 130.0 (34.3)	165.0 (43.6)
Refill Capacity - Engine Oil / Capacidad Aceite de Motor L (gal)	16.0 (4.2)	18.0 (4.8)	15.0 (4.0)	16.0 (4.2) / 17.0 (4.5)	15.5 (4.1) / 17.0 (4.5)	16.5 (4.4)