



Characteristic / Característica	RHINO RM165	Caterpillar 140 GC / 120	Komatsu GD655-6 / GD535-5	CASE 856C / 836C	SANY SMG200C / SAG120-3
General / General					
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	SANY
Model / Modelo	RM165	140 GC / 120	GD655-6 / GD535-5	856C / 836C	SMG200C / SAG120-3
Frame Type / Tipo de Chasis	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado
Operating Weight / Peso Operativo kg (lb)	15,000 (33,069) / 16,400 (36,155)	14,800 (32,628) / 13,800 (30,424)	16,300 (35,935) / 13,820 (30,468)	15,800 (34,833) / 12,200 (26,896)	16,000 (35,274) / 11,500 (25,353)
Engine / Motor					
Engine Make / Marca del Motor	Cummins / Rhino	Caterpillar	Komatsu / Cummins	FPT (Fiat Powertrain)	Cummins / Weichai
Engine Model / Modelo del Motor	6BTA5.9 / 6CTAA8	Cat C7.1 ACERT	SAA6D107E-2	F4HE6687	QSC8.3 / 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
Aspiration / Aspiración	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC	Turbocharged CAC
Number of Cylinders / Número de Cilindros	6	6	6	6	6
Net Power / Potencia Neta kW (hp) @ rpm	132.0 (180.0) / 164.0 (220.0)	128.0 (171.0) @ 2,000	125.0 (168.0) @ 2,100	129.0 (173.0) @ 2,200	147.0 (197.0) @ 2,200
Displacement / Desplazamiento L (cu. in)	5.9 (360) / 8.3 (506)	7.1 (433)	6.69 (408)	6.7 (409)	8.3 (506) / 6.75 (412)
Max. Torque / Torque Máximo Nm (lb-ft)	770 (568) @ 1,500 rpm	794 (586) @ 1,400 rpm	825 (608) @ 1,450 rpm	780 (575) @ 1,400 rpm	875 (645) @ 1,500 rpm
Powertrain & Speed / Tren de Potencia y Velocidad					
Transmission Type / Tipo de Transmisión	Countershaft Power Shift	Direct Drive Power Shift	Dual Mode Power Shift / Hydrosift	Power Shift Ergopower	Direct Drive Power Shift / Servo
Transmission Speeds (Forward/Reverse) / Marchas	6F / 3R	8F / 6R	8F / 4R	6F / 3R	8F / 6R
Max. Forward Speed / Velocidad Máx. Avance Kph (mph)	38.0 (23.6)	46.8 (29.1)	44.3 (27.5)	41.0 (25.5)	42.0 (26.1)
Steering Articulation Angle / Ángulo de Articulación	±25°	±20°	±25°	±25°	±20°
Standard Tire Size / Tamaño Estándar de Llantas	14.00-24 / 17.5-25	14.00-24	14.00-24	14.00-24	14.00-24
Hydraulics & Circle / Sistema Hidráulico y Círculo					
Hydraulic System Type / Tipo de Sistema Hidráulico	Load Sensing Closed Center	Load Sensing Closed Center	Load Sensing Closed Center	Load Sensing Closed Center	Load Sensing Closed Center
Hydraulic Pump Type / Tipo de Bomba Hidráulica	Variable Piston / Pistones	Variable Piston / Pistones	Variable Piston / Pistones	Variable Piston / Pistones	Variable Piston / Pistones
Pump Flow Capacity / Caudal de Bomba L/min (gpm)	130.0 (34.3)	155.0 (40.9)	160.0 (42.3)	186.0 (49.1)	160.0 (42.3)
System Relief Pressure / Válvula de Alivio MPa (psi)	18.0 (2,610)	24.1 (3,495)	20.6 (2,987)	21.0 (3,045)	21.0 (3,045)
Circle Rotation Angle / Rotación del Círculo	360°	360°	360°	360°	360°
Moldboard & Operating Range / Vertedera y Operación					
Moldboard Width (Standard) / Ancho Vertedera mm (ft)	3,965 (13.0) / 4,320 (14.0)	3,658 (12.0) / 4,267 (14.0)	3,710 (12.2) / 4,270 (14.0)	3,658 (12.0) / 4,267 (14.0)	3,658 (12.0) / 4,267 (14.0)
Moldboard Height / Altura de Vertedera mm (in)	610 (24.0)	610 (24.0)	610 (24.0)	610 (24.0)	610 (24.0)
Max. Lift Above Ground / Elevación Máx. Sobre Suelo mm (in)	450 (17.7)	425 (16.7)	480 (18.9)	480 (18.9)	450 (17.7)
Max. Digging Depth / Profundidad Máx. de Corte mm (in)	500 (19.7)	715 (28.1)	620 (24.4)	535 (21.1)	500 (19.7)
Dimensions / Dimensiones					
Overall Length (Base Machine) / Longitud Total mm (ft)	8,890 (29.2) / 8,990 (29.5)	8,710 (28.6)	8,925 (29.3)	8,540 (28.0)	8,820 (28.9)
Overall Width Across Tires / Ancho Total mm (ft)	2,600 (8.53)	2,460 (8.07)	2,540 (8.33)	2,520 (8.27)	2,600 (8.53)
Overall Height to Top of Cab / Altura a Cabina mm (ft)	3,370 (11.05)	3,360 (11.02)	3,200 (10.50)	3,250 (10.66)	3,310 (10.86)
Wheelbase / Distancia Entre Ejes mm (ft)	6,219 (20.40)	5,870 (19.26)	6,100 (20.01)	6,100 (20.01)	6,100 (20.01)
Refill Capacities / Capacidades de Llenado					
Fuel Tank Capacity / Tanque de Combustible L (gal)	280.0 (73.97)	305.0 (80.57)	340.0 (89.82)	300.0 (79.25)	350.0 (92.46)
Hydraulic Tank Capacity / Tanque Hidráulico L (gal)	110.0 (29.06)	55.0 (14.53)	65.0 (17.17)	90.0 (23.78)	130.0 (34.34)