



Characteristic / Característica	RHINO RM166	Caterpillar 140 GC / 140	Komatsu GD655-6 / GD655-7	CASE 856C	SANY SMG200C / SAG200	John Deere 620 G
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	SANY	John Deere
Model / Modelo	RM166	140 GC / 140	GD655-6 / GD655-7	856C	SMG200C / SAG200	620 G
Frame Type / Tipo de Chasis	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado
Operating Weight / Peso Operativo kg (lb)	16,600 (36,596)	16,800 (37,037) / 18,000 (39,683)	16,300 (35,935) / 17,100 (37,699)	15,800 (34,833) / 17,200 (37,919)	16,000 (35,274) / 17,500 (38,580)	18,325 (40,400)
Engine / Motor						
Engine Make / Marca del Motor	Cummins / Weichai	Caterpillar	Komatsu / Cummins	FPT (Fiat Powertrain)	Cummins / Weichai	PowerTech (John Deere)
Engine Model / Modelo del Motor	6CTAA8.3 / WP6	Cat C7.1 ACERT	SAA6D107E-2 / SAA6D107E-3	F4HE6687	QSC8.3 / WP7	6068H
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 Power / Potencia Neta kW (hp) @ rpm	160.0 (215.0) @ 2,200	147.0 (197.0) / 163.0 (218.0)	134.0 (180.0) / 163.0 (218.0)	142.0 (190.0) / 153.0 (205.0)	147.0 (197.0) / 160.0 (215.0)	160.0 (215.0) @ 2,200
Displacement / Desplazamiento L (cu. in)	8.3 (506) / 6.75 (412)	7.1 (433)	6.69 (408)	6.7 (409)	8.3 (506) / 7.2 (439)	6.8 (415)
Max. Torque / Torque Máximo Nm (lb-ft)	890 (656) @ 1,500 rpm	934 (689) @ 1,400 rpm	915 (675) @ 1,450 rpm	880 (649) @ 1,400 rpm	875 (645) @ 1,500 rpm	915 (675) @ 1,400 rpm
Powertrain & Speed / Tren de Potencia y Velocidad						
Transmission Type / Tipo de Transmisión	Countershaft Power Shift	Direct Drive Power Shift	Dual Mode Power Shift / Hydroshift	Power Shift Ergopower	Direct Drive Power Shift / Servo	Direct Drive Power Shift
Transmission Speeds (Forward/Reverse) / Marchas	6F / 3R	8F / 6R	8F / 4R	6F / 3R	8F / 6R	8F / 8R
Max. Forward Speed / Velocidad Máx. Avance Kph (mph)	40.0 (24.8)	46.8 (29.1)	44.3 (27.5)	41.0 (25.5)	42.0 (26.1)	45.2 (28.1)
Steering Articulation Angle / Ángulo de Articulación	±25°	±20°	±25°	±25°	±20°	±22°
Standard Tire Size / Tamaño Estándar de Lantas	17.5-25	14.00-24 / 17.5-25	14.00-24 / 17.5-25	14.00-24 / 17.5-25	14.00-24 / 17.5-25	14.00-24 / 17.5-25
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	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	Variable Piston / Pistones
Pump Flow Capacity / Caudal de Bomba L/min (gpm)	160.0 (42.3)	155.0 (40.9) / 210.0 (55.5)	160.0 (42.3) / 200.0 (52.8)	186.0 (49.1)	160.0 (42.3)	212.0 (56.0)
System Relief Pressure / Válvula de Alivio MPa (psi)	21.0 (3,045)	24.1 (3,495)	20.6 (2,987)	21.0 (3,045)	21.0 (3,045)	22.4 (3,250)
Circle Rotation Angle / Rotación del Círculo	360°	360°	360°	360°	360°	360°
Moldboard & Operating Range / Vertedera y Operación						
Moldboard Width (Standard) / Ancho Vertedera mm (ft)	3,965 (13.0) / 4,267 (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)	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)	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)	478 (18.8)
Max. Digging Depth / Profundidad Máx. de Corte mm (in)	500 (19.7)	715 (28.1)	620 (24.4)	535 (21.1)	500 (19.7)	724 (28.5)
Dimensions / Dimensiones						
Overall Length (Base Machine) / Longitud Total mm (ft)	8,990 (29.5)	8,710 (28.6) / 10,013 (32.8)	8,925 (29.3) / 9,450 (31.0)	8,540 (28.0)	8,820 (28.9) / 9,180 (30.1)	8,710 (28.6)
Overall Width Across Tires / Ancho Total mm (ft)	2,600 (8.53)	2,460 (8.07) / 2,510 (8.23)	2,540 (8.33) / 2,780 (9.12)	2,520 (8.27)	2,600 (8.53)	2,490 (8.17)
Overall Height to Top of Cab / Altura a Cabina mm (ft)	3,370 (11.05)	3,360 (11.02)	3,200 (10.50) / 3,260 (10.70)	3,250 (10.66)	3,310 (10.86)	3,180 (10.43)
Wheelbase / Distancia Entre Ejes mm (ft)	6,219 (20.40)	5,870 (19.26) / 6,165 (20.23)	6,100 (20.01) / 6,480 (21.26)	6,100 (20.01)	6,100 (20.01) / 6,250 (20.51)	6,120 (20.08)
Refill Capacities / Capacidades de Llenado						
Fuel Tank Capacity / Tanque de Combustible L (gal)	280.0 (73.97)	305.0 (80.57) / 378.0 (99.85)	340.0 (89.82) / 390.0 (103.03)	300.0 (79.25)	350.0 (92.46)	341.0 (90.08)
Hydraulic Tank Capacity / Tanque Hidráulico L (gal)	110.0 (29.06)	55.0 (14.53) / 95.0 (25.10)	65.0 (17.17) / 72.0 (19.02)	90.0 (23.78)	130.0 (34.34)	53.0 (14.00)