



Characteristic / Característica	RHINO RWL235	Caterpillar 966M / 966 GC	Komatsu WA470-8 / WA480-8	CASE 921G	SANY SW966K / SW978K	John Deere 744 P / 824 P-Tier
General / General						
Brand / Marca	RHINO	Caterpillar	Komatsu	CASE	SANY	John Deere
Model / Modelo	RWL235	966M / 966 GC	WA470-8 / WA480-8	921G	SW966K / SW978K	744 P-Tier / 824 P-Tier
Frame Type / Tipo de Chasis	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado	Articulated / Articulado
Operating Weight / Peso Operativo kg (lb)	23,500 (51,808)	23,200 (51,147) / 22,600 (49,824)	24,000 (52,911) / 25,500 (56,218)	21,500 (47,399) / 23,000 (50,706)	20,000 (44,092) / 24,500 (54,013)	24,200 (53,352) / 26,800 (59,083)
Engine / Motor						
Engine Make / Marca del Motor	Cummins / Weichai	Caterpillar	Komatsu / Cummins	FPT (Fiat Powertrain)	Weichai / Deutz	PowerTech (John Deere)
Engine Model / Modelo del Motor	QSM11 / WP10	Cat C9.3B ACERT	SAA6D125E-7	F4HFE613 / Cursor 9	WP10 / WP12	6090H
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)	175.0 (235.0) @ 2,200 rpm	206.0 (276.0) / 196.0 (263.0)	202.0 (271.0) / 223.0 (299.0)	180.0 (241.0) / 190.0 (255.0)	180.0 (241.0) / 220.0 (295.0)	236.0 (316.0) / 256.0 (343.0)
Gross Horsepower / Potencia Bruta kW (hp)	180.0 (241.0)	229.0 (307.0) / 205.0 (275.0)	204.0 (273.0) / 224.0 (300.0)	190.0 (255.0) / 205.0 (275.0)	185.0 (248.0) / 225.0 (301.0)	240.0 (321.0) / 262.0 (351.0)
Displacement / Desplazamiento L (cu. in)	10.8 (659) / 9.7 (592)	9.3 (568)	11.0 (671)	8.7 (531)	9.7 (592) / 11.6 (708)	9.0 (549)
Fuel System / Sistema de Combustible	Common Rail / 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	Countershaft Power Shift	Direct Drive Power Shift	Hydrostatic / Power Shift	Power Shift Ergopower	Countershaft Power Shift	Power Shift Direct Drive
Transmission Speeds (Forward/Reverse) / Marchas	4F / 3R	4F / 4R	4F / 4R	4F / 3R	4F / 3R	4F / 3R
Max. Forward Speed / Velocidad Máx. Avance Kph (mph)	38.0 (23.6)	40.0 (24.8)	40.0 (24.8)	40.0 (24.8)	40.0 (24.8)	40.0 (24.8)
Steering Articulation Angle / Ángulo de Articulación	±38°	±37° / ±40°	±40°	±40°	±38°	±40°
Standard Tire Size / Tamaño Estándar de Lantas	26.5-25	26.5-25	26.5-25	26.5-25	26.5-25	26.5-25
Hydraulics / Sistema Hidráulico						
Hydraulic Pump Type / Tipo de Bomba Hidráulica	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	Variable Displacement Piston / Pistones Caudal Variable
Pump Flow Capacity / Caudal de Bomba L/min (gpm)	260.0 (68.7)	360.0 (95.1) / 320.0 (84.5)	320.0 (84.5) / 360.0 (95.1)	280.0 (74.0) / 315.0 (83.2)	260.0 (68.7) / 320.0 (84.5)	330.0 (87.2) / 380.0 (100.4)
System Relief Pressure / Ajuste Válvula de Alivio Mpa (psi)	24.0 (3,481)	31.0 (4,496) / 28.0 (4,061)	35.0 (5,076)	31.0 (4,496) / 33.0 (4,786)	27.5 (3,988) / 30.0 (4,351)	28.0 (4,061) / 31.0 (4,496)
Performance / Rendimiento de Carga						
Bucket Capacity Range / Rango Cucharón m ³ (cu. yd)	3.80 - 4.50 (4.97 - 5.89)	3.80 - 5.40 (4.97 - 7.06)	4.20 - 5.20 (5.49 - 6.80)	3.40 - 4.80 (4.45 - 6.28)	3.50 - 4.80 (4.58 - 6.28)	3.80 - 5.20 (4.97 - 6.80)
Standard Bucket Capacity / Cucharón Estándar m ³ (cu. yd)	4.20 (5.49)	4.20 (5.49) / 4.00 (5.23)	4.20 (5.49) / 4.80 (6.28)	3.80 (4.97) / 4.20 (5.49)	3.50 (4.58) / 4.20 (5.49)	4.00 (5.23) / 4.60 (6.02)
Rated Payload / Capacidad Nominal de Carga kg (lb)	7,000 (15,432)	7,200 (15,873) / 7,000 (15,432)	7,000 (15,432) / 8,000 (17,637)	6,500 (14,330) / 7,200 (15,873)	6,500 (14,330) / 7,500 (16,535)	7,500 (16,535) / 8,500 (18,739)
Tipping Load - Straight / Carga de Vuelco Recto kg (lb)	17,500 (38,581)	17,200 (37,919) / 16,800 (37,037)	18,200 (40,124) / 20,500 (45,195)	16,200 (35,715) / 18,000 (39,683)	15,800 (34,833) / 18,500 (40,785)	18,500 (40,785) / 21,000 (46,297)
Tipping Load - Full Turn / Carga de Vuelco Articulado kg (lb)	15,200 (33,510)	14,800 (32,628) / 14,500 (31,967)	15,500 (34,172) / 17,800 (39,242)	13,800 (30,424) / 15,500 (34,172)	13,800 (30,424) / 16,000 (35,274)	15,800 (34,833) / 17,800 (39,242)
Bucket Breakout Force / Fuerza de Desprendimiento kN (lbf)	210.0 (47,210)	205.0 (46,086) / 198.0 (44,512)	210.0 (47,210) / 240.0 (53,954)	195.0 (43,838) / 215.0 (48,334)	195.0 (43,838) / 225.0 (50,582)	215.0 (48,334) / 245.0 (55,078)
Max. Dump Clearance at 45° / Altura de Descarga 45° mm (ft)	3,350 (11.0)	3,250 (10.7) / 3,200 (10.5)	3,300 (10.8) / 3,420 (11.2)	3,250 (10.7) / 3,320 (10.9)	3,300 (10.8) / 3,380 (11.1)	3,280 (10.8) / 3,400 (11.2)
Reach at Max. Dump Height / Alcance a Carga Máx. mm (in)	1,280 (50.4)	1,250 (49.2) / 1,280 (50.4)	1,280 (50.4) / 1,350 (53.1)	1,220 (48.0) / 1,280 (50.4)	1,280 (50.4) / 1,320 (52.0)	1,250 (49.2) / 1,320 (52.0)
Dimensions / Dimensiones						
Overall Length (Bucket on Ground) / Longitud Total mm (ft)	8,800 (28.9)	8,750 (28.7) / 8,850 (29.0)	8,900 (29.2) / 9,450 (31.0)	8,600 (28.2) / 8,950 (29.4)	8,600 (28.2) / 9,100 (29.9)	8,900 (29.2) / 9,400 (30.8)
Overall Width Across Tires / Ancho Total mm (ft)	2,980 (9.8)	2,980 (9.8) / 3,020 (9.9)	2,980 (9.8) / 3,180 (10.4)	2,900 (9.5) / 2,980 (9.8)	2,900 (9.5) / 3,050 (10.0)	2,980 (9.8) / 3,120 (10.2)
Overall Height to Top of Cab / Altura a Cabina mm (ft)	3,550 (11.6)	3,520 (11.5) / 3,580 (11.7)	3,580 (11.7) / 3,650 (12.0)	3,500 (11.5) / 3,550 (11.6)	3,500 (11.5) / 3,600 (11.8)	3,550 (11.6) / 3,620 (11.9)
Wheelbase / Distancia Entre Ejes mm (ft)	3,450 (11.3)	3,450 (11.3) / 3,500 (11.5)	3,450 (11.3) / 3,600 (11.8)	3,350 (11.0) / 3,450 (11.3)	3,350 (11.0) / 3,500 (11.5)	3,450 (11.3) / 3,600 (11.8)
Ground Clearance / Distancia Mínima al Suelo mm (in)	510 (20.1)	480 (18.9) / 500 (19.7)	520 (20.5) / 540 (21.3)	480 (18.9) / 510 (20.1)	510 (20.1) / 530 (20.9)	490 (19.3) / 520 (20.5)
Refill Capacities / Capacidades de Llenado de Mantenimiento						
Refill Capacity - Fuel Tank / Capacidad Tanque de Combustible L (gal)	320.0 (84.5)	302.0 (79.8) / 320.0 (84.5)	380.0 (100.4) / 420.0 (111.0)	288.0 (76.1) / 340.0 (89.8)	300.0 (79.3) / 350.0 (92.5)	352.0 (93.0) / 410.0 (108.3)
Refill Capacity - Hydraulic Tank / Capacidad Tanque Hidráulico L (gal)	220.0 (58.1)	140.0 (37.0) / 155.0 (40.9)	270.0 (71.3) / 300.0 (79.3)	180.0 (47.5) / 210.0 (55.5)	210.0 (55.5) / 240.0 (63.4)	210.0 (55.5) / 260.0 (68.7)
Refill Capacity - Engine Oil / Capacidad Aceite de Motor L (gal)	28.0 (7.4)	24.5 (6.5) / 26.0 (6.9)	35.0 (9.2) / 38.0 (10.0)	26.0 (6.9) / 28.0 (7.4)	26.0 (6.9) / 30.0 (7.9)	27.0 (7.1) / 34.0 (9.0)