

Characteristic / Característica	RHINO RSD150	Epiroc FlexiROC T40	Sandvik Ranger DX800	Furukawa HCR 1500-ED
General / General				
Brand / Marca	RHINO Equipment	Epiroc	Sandvik	Furukawa
Model / Modelo	RSD150	FlexiROC T40	Ranger DX800	HCR 1500-ED
Machine Type / Tipo de Equipo	Perforadora de Superficie	Perforadora de Superficie	Perforadora de Superficie	Perforadora de Superficie
Drilling Method / Método Perforación	Martillo en Cabeza (Top Hammer)	Martillo en Cabeza (Top Hammer)	Martillo en Cabeza (Top Hammer)	Martillo en Cabeza (Top Hammer)
Engine & Power / Motor y Potencia				
Engine / Motor	RHINO RSD242 / Cummins QSB6.7	Cat® C7.1 ACERT™	Volvo TAD851VE / Cat® C7.1	Cat® C7.1 ACERT™
Rated Power / Potencia Nominal kW (hp)	193 – 242 kW (258.8 – 324.5 hp) @ 2,100 rpm	168 kW (225 hp) @ 2,200 rpm	185 kW (248 hp) @ 2,200 rpm	186 kW (250 hp) @ 2,200 rpm
Max Torque / Par Máximo N·m (lb-ft)	1,420 – 1,610 N·m (1,047 – 1,187 lb-ft)	1,028 N·m (758 lb-ft)	1,160 N·m (855 lb-ft)	1,090 N·m (804 lb-ft)
Displacement / Cilindrada L (in^3)	8.9 L (543 in^3)	7.01 L (428 in^3)	7.70 L (470 in^3)	7.01 L (428 in^3)
Emission Rating / Certificación Emisiones	Tier 3 / Stage III	Tier 3 / Tier 4 Final	Tier 3 / Stage V	Tier 3 / Tier 4 Final
Fuel Tank / Tanque Combustible L (gal)	350 L (92.5 gal)	370 L (97.7 gal)	380 L (100.3 gal)	350 L (92.5 gal)
Drilling Performance / Performance de Perforación				
Rock Drill Model / Martillo Hidráulico	A20A (Estándar) / A25A/X (Opcional)	COP SC25X	HL820T	HD715
Impact Power / Potencia de Impacto kW (hp)	20 – 25 kW (26.8 – 33.5 hp)	25 kW (33.5 hp)	21 kW (28.1 hp)	21 kW (28.1 hp)
Impact Frequency / Frecuencia de Impacto Hz (bpm)	42 – 55 Hz (2,520 – 3,300 bpm)	44 – 55 Hz (2,640 – 3,300 bpm)	48 – 58 Hz (2,880 – 3,480 bpm)	43 – 53 Hz (2,580 – 3,180 bpm)
Hole Diameter / Diámetro Perforación mm (in)	64 – 127 mm (2.52 – 5.00 in)	76 – 127 mm (3.00 – 5.00 in)	76 – 127 mm (3.00 – 5.00 in)	76 – 127 mm (3.00 – 5.00 in)
Drill Rod Thread / Rosca de Barra	T38 / T45 / T51	T45 / T51	T45 / T51	T45 / T51
Rod Length / Longitud de Barra mm (ft)	3,660 / 4,265 mm (12.01 / 14.00 ft)	3,660 mm (12.00 ft)	3,660 mm (12.00 ft)	3,660 mm (12.00 ft)
Max Hole Depth / Profundidad Máx. m (ft)	28.0 m (91.86 ft)	28.0 m (91.86 ft)	29.0 m (95.14 ft)	25.0 m (82.02 ft)
Max Feed Force / Fuerza Avance kN (lbf)	20 kN (4,496 lbf)	20 kN (4,496 lbf)	20 kN (4,496 lbf)	19.6 kN (4,406 lbf)
Max Pullback Force / Fuerza Extracción kN (lbf)	35 kN (7,868 lbf)	30 kN (6,744 lbf)	32 kN (7,194 lbf)	28 kN (6,295 lbf)
Rod Changer / Manejador de Barras	Automático (Carrusel 7+1)	Automático (Carrusel 7+1)	Automático (Carrusel 6+1)	Automático (Carrusel 6+1)
Air & Hydraulics / Aire e Hidráulica				
Compressor Type / Tipo de Compresor	Tornillo Rotativo Alta Presión	Tornillo Rotativo	Tornillo Rotativo	Tornillo Rotativo
Air Delivery (FAD) / Caudal Aire m^3/min (cfm)	10.0 m^3/min (353.1 cfm)	10.5 m^3/min (370.8 cfm)	9.6 m^3/min (339.0 cfm)	10.2 m^3/min (360.2 cfm)
Air Pressure / Presión de Aire bar (psi)	10.5 bar (152.3 psi)	10.5 bar (152.3 psi)	10.0 bar (145.0 psi)	10.3 bar (149.4 psi)
Hydraulic System Pressure / Presión bar (psi)	250 bar (3,626 psi)	230 bar (3,336 psi)	230 bar (3,336 psi)	210 bar (3,046 psi)
Hydraulic Tank / Tanque Hidráulico L (gal)	250 L (66.0 gal)	240 L (63.4 gal)	270 L (71.3 gal)	220 L (58.1 gal)
Undercarriage & Travel / Tren de Rodaje y Traslado				
Travel Speed / Vel. Traslado km/h (mph)	3.2 – 3.5 km/h (2.0 – 2.2 mph)	3.3 km/h (2.05 mph)	3.5 km/h (2.17 mph)	3.4 km/h (2.11 mph)
Max Traction Force / Fuerza Tracción kN (lbf)	110 – 137 kN (24,730 – 30,799 lbf)	112 kN (25,178 lbf)	120 kN (26,977 lbf)	108 kN (24,279 lbf)
Gradeability / Pendiente Máxima % (°)	36.4% – 46.6% (20° – 25°)	36.4% (20°)	36.4% (20°)	36.4% (20°)
Ground Pressure / Presión Suelo bar (psi)	0.85 bar (12.3 psi)	0.88 bar (12.8 psi)	0.90 bar (13.1 psi)	0.86 bar (12.5 psi)
Dimensions & Weights / Dimensiones y Pesos				
Operating Weight / Peso Operativo kg (lb)	15,000 kg (33,069 lb)	14,800 kg (32,628 lb)	15,200 kg (33,510 lb)	15,100 kg (33,290 lb)
Transport Length / Longitud Transp. mm (ft)	11,570 mm (37.96 ft)	11,000 mm (36.09 ft)	11,300 mm (37.07 ft)	11,200 mm (36.75 ft)
Transport Width / Ancho Transp. mm (ft)	2,487 mm (8.16 ft)	2,490 mm (8.17 ft)	2,500 mm (8.20 ft)	2,480 mm (8.14 ft)
Transport Height / Altura Transp. mm (ft)	3,381 mm (11.09 ft)	3,200 mm (10.50 ft)	3,200 mm (10.50 ft)	3,300 mm (10.83 ft)
Feed Length / Longitud Viga Avance mm (ft)	7,527 mm (24.69 ft)	7,400 mm (24.28 ft)	7,600 mm (24.93 ft)	7,300 mm (23.95 ft)