

Characteristic / Característica	RHINO RFD3X-6017	Epiroc Boomer XL3 D	Sandvik DT1132i	Sandvik DT922i	Epiroc Boomer L2 D
General / General					
Brand / Marca	RHINO	Epiroc	Sandvik	Sandvik	Epiroc
Model / Modelo	RFD3X-6017	Boomer XL3 D	DT1132i	DT922i	Boomer L2 D
Machine Type / Tipo de Equipo	Face Drill / Jumbo Frontal	Face Drill / Jumbo Frontal	Face Drill / Jumbo Frontal	Face Drill / Jumbo Frontal	Face Drill / Jumbo Frontal
Number of Booms / Número de Brazos	3	3	3	2	2
Engine & Power / Motor y Potencia					
Diesel Engine / Motor Diésel	RHINO RFD209T / Cummins 6CTA8.3	Deutz TCD 2013 L06 2V	Cummins QSB6.7 / B6.7	Cummins QSB4.5	Deutz TCD 2013 L04
Engine Power / Potencia del Motor kW (hp)	209 / 194 (280.3 / 260.2)	173 (232.0)	168 (225.3)	119 (159.6)	120 (160.9)
Emission Rating / Certificación de Emisiones	Tier 3 / National III	Tier 3 / Stage IIIA	Tier 4F / Stage V	Tier 3 / Stage IIIA	Tier 3 / Stage IIIA
Fuel Tank / Tanque de Combustible L (gal)	150 (39.6)	150 (39.6)	150 (39.6)	100 (26.4)	100 (26.4)
Drilling System & Coverage / Sistema de Perforación y Cobertura					
Impact Power / Potencia de Impacto kW (hp)	18 / 25 (24.1 / 33.5)	18 (24.1)	31 (41.6)	25 (33.5)	18 (24.1)
Percussion Frequency / Frecuencia de Percusión Hz (bpm)	42–60 (2,520–3,600)	60 (3,600)	107 (6,420)	93 (5,580)	60 (3,600)
Rotation Torque / Torque de Rotación N·m (lb-ft)	1,000 / 1,970 (738 / 1,453)	1,000 (738)	1,030 (760)	625 (461)	1,000 (738)
Hole Diameter / Diámetro de Perforación mm (in)	33–115 (1.30–4.53)	40–81 (1.57–3.19)	45–64 (1.77–2.52)	43–64 (1.69–2.52)	40–81 (1.57–3.19)
Feed Force / Fuerza de Avance kN (lbf)	15 (3,372)	22 (4,946)	21 (4,721)	25 (5,620)	22 (4,946)
Max Rod Length / Longitud Máx. de Barra mm (ft)	3,700 / 5,525 (12.1 / 18.1)	6,100 (20.0)	5,740 (18.8)	6,135 (20.1)	6,100 (20.0)
Drilling Depth / Profundidad de Perforación mm (ft)	3,400 / 5,200 (11.2 / 17.1)	5,843 (19.2)	6,085 (20.0)	5,880 (19.3)	5,843 (19.2)
Max Coverage Area / Área Máx. de Cobertura m² (ft²)	185 (1,991.3)	178 (1,916.0)	190 (2,045.1)	125 (1,345.5)	104 (1,119.4)
Max Coverage W × H / Cobertura Máx. Ancho × Alto mm	16,035 × 12,518	16,024 × 12,656	17,370 × 12,870	14,800 × 9,000	13,400 × 9,300
Electrical, Air & Water / Sistema Eléctrico, Aire y Agua					
Main Electric Motors / Motores Eléctricos Principales kW	3 × 55 / 3 × 75	3 × 55	2 × 75	2 × 75	2 × 75
Total Installed Power / Potencia Total Instalada kW (hp)	180 / 240 (241.4 / 321.8)	200 (268.2)	270–325 (362.1–435.8)	185–200 (248.1–268.2)	158 (211.9)
Voltage / Voltaje	380 / 50 Hz	400–690 V	575–1,000 V	380–1,000 V	380–1,000 V
Compressor Capacity / Capacidad del Compresor m³/min (cfm)	0.9 (31.8)	0.9 (33.2)	0.9 (31.8)	1 (35.3)	0.9 (31.8)
Water Flow / Caudal de Agua L/min (gpm)	250 (66.0)	300 (79.3)	294 (77.7)	375 (99.1)	250 (66.0)
Water Pressure / Presión de Agua bar (psi)	25 (363)	7 (102)	14.9 (216)	10–15 (145–218)	15 (218)
Drive & Hydraulics / Tren de Mando e Hidráulica					
Transmission / Transmisión	Hidromecánica DANA / Torque conv.	Hidrodinámica Clark / Hydrodynamic	Hidrodinámica Spicer / Hydrodynamic	Hidrostática / Hydrostatic	Hidrodinámica Clark / Hydrodynamic
Max Travel Speed / Vel. Máx. de Traslado km/h (mph)	12 (7.5)	17 (10.6)	15 (9.3)	12 (7.5)	14 (8.7)
Gradeability / Pendiente Máxima %	25	25	19	27	25
Tire Size / Dimensión de Neumáticos	14.00R24	14.00xR24	14.00-24	14.00-24	14xR24
Hydraulic Tank / Tanque Hidráulico L (gal)	700 (184.9)	470–755 (124.2–199.4)	528 (139.5)	270 (71.3)	528 (139.5)
System Pressure / Presión del Sistema bar (psi)	230 (3,336)	210 (3,046)	225 (3,263)	235 (3,408)	230 (3,336)
Dimensions & Weights / Dimensiones y Pesos					
Operating Weight / Peso Operativo kg (lb)	51,000 (112,436)	42,000 (92,594)	50,000–56,000 (110,231–123,459)	30,500 (67,241)	27,000–33,000 (59,525–72,752)
Transport Length / Longitud de Transporte mm (ft)	16,824 (55.2)	16,565 (54.3)	17,780 (58.3)	14,990 (49.2)	14,169 (46.5)
Transport Width / Ancho de Transporte mm (ft)	2,941 (9.6)	2,926 (9.6)	2,925 (9.6)	2,500 (8.2)	2,550 (8.4)
Transport Height / Altura de Transporte mm (ft)	3,156 / 4,945 (10.4 / 16.2)	3,089 / 3,789 (10.1 / 12.4)	3,780 (12.4)	3,190 / 3,590 (10.5 / 11.8)	2,375 / 3,091 (7.8 / 10.1)
Ground Clearance / Despeje al Suelo mm (in)	392 (15.4)	396 (15.6)	400 (15.7)	330 (13.0)	290 (11.4)
Outer Turning Radius / Radio de Giro Externo mm (ft)	9,847 (32.3)	12,100 (39.7)	9,910 (32.5)	9,500 (31.2)	8,200 (26.9)
Inner Turning Radius / Radio de Giro Interno mm (ft)	5,631 (18.5)	6,700 (22.0)	5,630 (18.5)	5,400 (17.7)	4,800 (15.7)