

ZT44 Track drill



Safety



Reliability



Productivity

Designed for mining-duty applications, this reliable and adaptable machine delivers versatility for production, pre-split or auxiliary uses.



Working ranges

Hole size	140 - 216 mm (5.5 - 8.5 in)
Hammers	102 - 203 mm (4.0 - 8.0 in)
Drill pipe	102 - 140 mm (4.0 - 5.5 in)

Rotary head

Rotation head speed	0 - 99 rpm
Rotation head torque	7.5 kN-m (5,539 lbf-ft)

Pipe handling

Carousel capacity	6 + 1 = pipe diameter ≤ 114 mm (4.5 in)
	4 + 1 = pipe diameter > 114 mm (4.5 in)

Feed

Pull down force	53.4 kN (12,000 lb)
Pull back	71.2 kN (16,000 lb)
Single pass depth	6.1 m (20 ft)
Maximum depth	42.7 m (140 ft, 100 ft)
Boom position	Swing left 10° / right 18° Tilt 10° below to 35° above horizontal Dump +16° to -45° from vertical
Mast position	Rotation pin #1 left/right -20° to +45° from vertical Rotation pin #2 left/right +45° to -5° from horizontal

Engine

Cummins QSK 19, Tier 2	
HP mode	570 kW (764 hp)
LP mode	597 kW (800 hp)
Cummins QSK 19, Tier 4f	
HP mode	574 kW (770 hp)
LP mode	597 kW (800 hp)

Electrical

24 Volt

Air compressor

Sullair 20/12 (1150)	
HP mode	32.9 cu.m/min @ 34.5 bar @ 1800 rpm (1160 cfm/500 psi @ 1800 rpm)
LP mode	38.5 cu.m/min @ 24.2 bar @ 2100 rpm (1360 cfm/350 psi @ 2100 rpm)

Fluids/maintenance

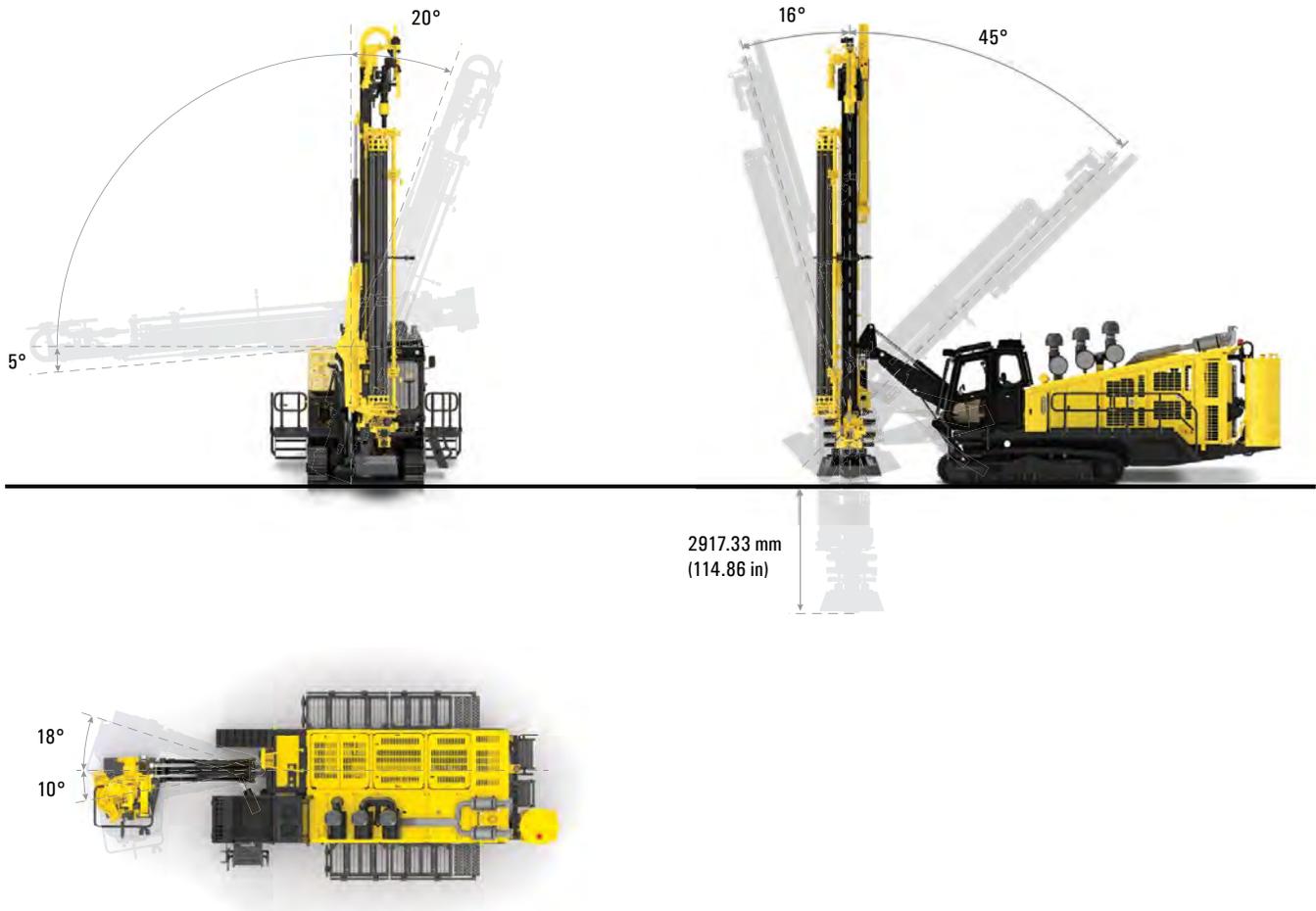
Fuel capacity	1,022 L (270 gal)
Cooling system	Radiator, compressor, ATAAC (Air to Air After Cooler) L&M Mesabi
Tank capacities	507 L hydraulic tank (134 gal) 1,060 L water tank (280 gal)

Lower works and propel

Travel auto 2 speed	3 kph (1.86 mph)
Oscillation	± 8°
Traction force	222.4 kN (50,000 lb)
Ground clearance	381 mm (15 in)
Gradeability	30% (17°)

Electro-hydraulic control system

Variable displacement, load sensing pumps



Overall dimensions

Operating weight	38,555 kg (85,000 lb)
Operating height, mast vertical	11.6 m (37 ft 11 in)
Shipping dimensions (height x width x length)	3.51 m x 2.89 m x 13.05 m (138 in x 114 in x 514 in)

Standard and optional features

ROPS/FOPS certified	●
< 80 dBA cab noise level	●
CANbus joystick controlled	●
Automatic constant rotation power control	●
Centralized hydraulic test station	●
Hole alignment and depth system	●
Dual engine and compressor control	●
Wireless remote control for consumable changes	●
Pressure-less quick fuel system	●
4 infra-red night vision cameras for improved visibility	●
Fixed rock guard for main cabin and roof windows	●
Arctic package	○
Bolt-on external walkways	○
Dust collector	○
Rear stabilizer	○

Further equipment on request

- standard equipment
- optional equipment

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