

ZT44

Track drill



Safety

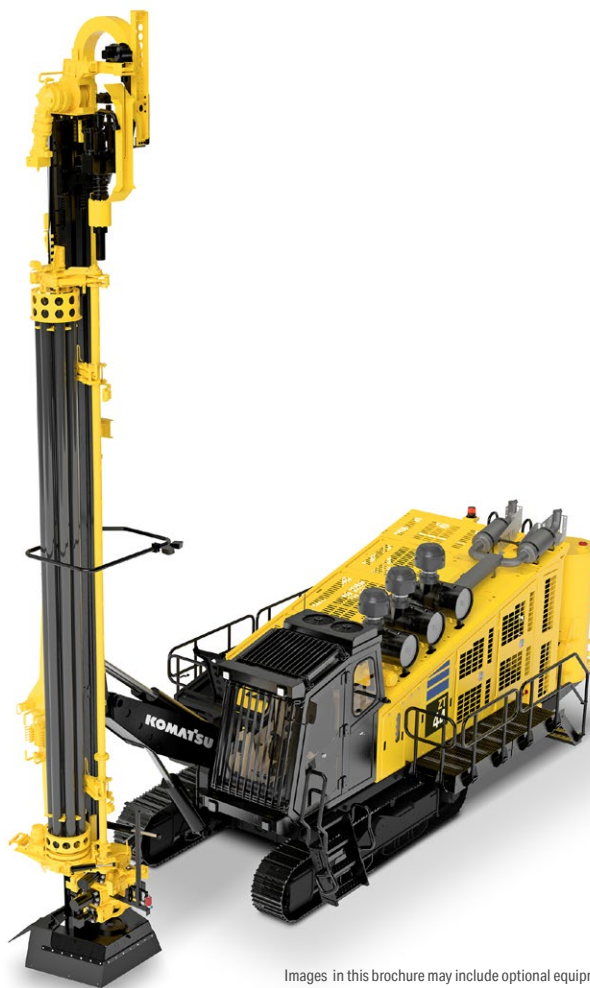


Reliability



Productivity

Designed for mining-duty applications, this reliable and adaptable machine delivers versatility for pre-split, production, auxiliary and other demanding needs.



Images in this brochure may include optional equipment

Working ranges

Hole size	140-216 mm (5.5-8.5 in)
Single pass depth	6.1 m (20 ft.)
Maximum depth	
6 + 1 configuration	42.7 m (140 ft.)
4 + 1 configuration	30.5 m (100 ft.)
Hammers	102-203 mm (4.0-8.0 in)
Drill pipe	102-140 mm (4.0-5.5 in)

Rotary head

Rotation head speed	116 rpm
Rotation head torque	5.4 kN-m (3,983 lbf-ft.)

Pipe handling

Carousel capacity	
6 + 1 configuration	Pipe diameter ≤ 114 mm (4.5 in)
4 + 1 configuration	Pipe diameter > 114 mm (4.5 in)

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Feed

Pull down force	53.4 kN (12,000 lbs.)
Pull back	53.4 kN (12,000 lbs.)

Boom position

Swing	Left 10 degrees/right 18 degrees
Tilt	10 degrees below to 35 degrees above horizontal

Mast position

Dump	+16 degrees to -45 degrees from vertical
Rotation pin #1	Left/right -20 degrees to +45 degrees from vertical
Rotation pin #2	Left/right +45 degrees to -5 degrees from horizontal

Engine

Cummins QSK19, Tier 2

HP mode	570 kW (764 hp)
LP mode	597 kW (800 hp)

Cummins QSK19, Tier 4 final

HP mode	563 kW (755 hp)
LP mode	563 kW (755 hp)

Electrical

24 V

Air compressor

Sullair 20/12 (1150)

HP mode	33.5 CMM @ 34.5 bar (1,182 CFM/500 psi) @ 1,800 rpm
LP mode	39.1 CMM @ 24.2 bar (1,382 CFM/350 psi) @ 2,100 rpm

Fluids/maintenance

Fuel capacity	1,022 L (270 gal)*
Cooling system	Radiator, compressor, ATAAC (air-to-air aftercooler)
Tank capacities	507 L hydraulic tank (134 gal) 1,060 L water tank (280 gal)

*Expanded 1,590 L (420 gal) capacity fuel tank available in 2024/25

Lower works and propel

Travel auto two-speed	3 km/h (1.86 mph)
Oscillation	± 8 degrees
Traction force	222.4 kN (50,000 lbs.)
Ground clearance	381 mm (15 in)
Gradeability	30% (17 degrees)

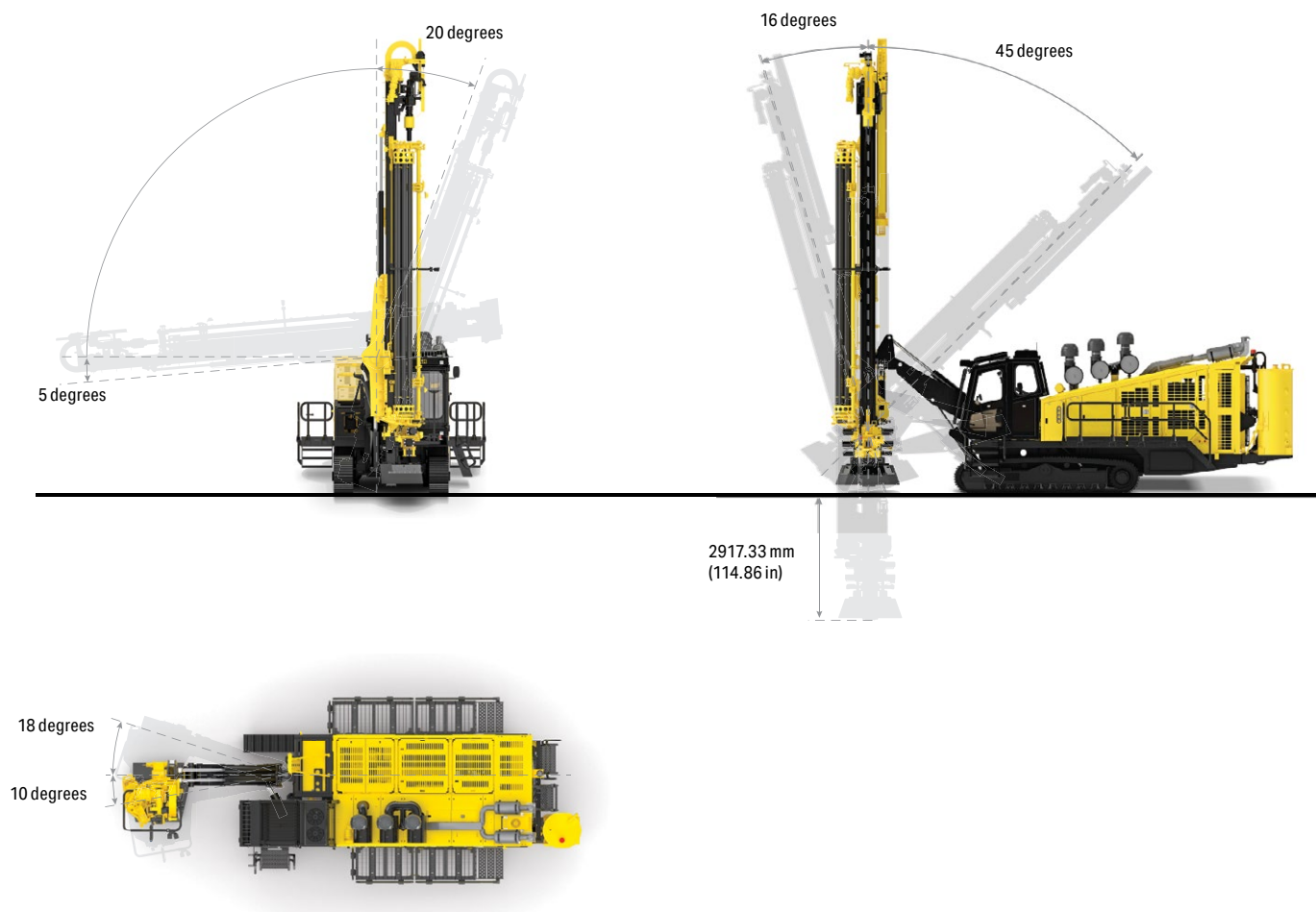
Electro-hydraulic control system

Variable displacement, load sensing pumps



Images in this brochure may include optional equipment

General specifications



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Overall dimensions

Operating weight	40,823 kg (90,000 lbs.)
Operating height, mast vertical	11.6 m (37 ft. 11 in)
Shipping dimensions (height x width x length)	3.56 m x 2.90 m x 14.12 m (140 in x 114 in x 556 in)

Standard and optional features

● standard ○ optional

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	●
Pressureless quick fuel system	●
Two infrared night vision cameras for improved visibility	●
Ballistic glass for main cabin front window	●
Fixed rock guard for main cabin and roof windows	○
Arctic package	○
Bolt-on external walkways and rear ladder	○
Single pass depth 28 ft.*	○
Cold weather package	○

*Available in 2024/25

Further equipment on request

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