

ZT44 Track drill



Safety

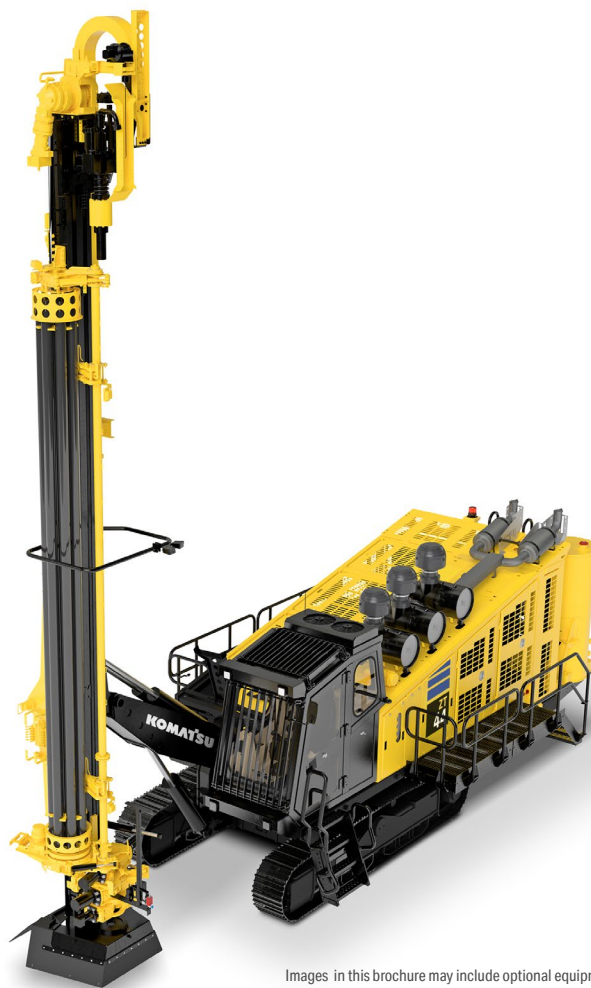


Reliability



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	114-216 mm (4.5-8.5 in)
Single pass depth	6.7 m (22 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	102-127 mm (4.0-5.0 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)

ZT44

Feed

Pull down force	53.4 kN (12,000 lbs.)
Pull back force	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	516 kW (692 hp)

Electrical

24 V

Air compressor

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	886 L (234 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 1,287 L (340 gal) capacity fuel tank available in 2024/25

**568 L water tank (150 gal) for use with dust collector available in 2024/25

Lower works and propel

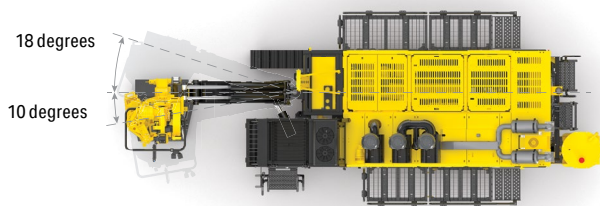
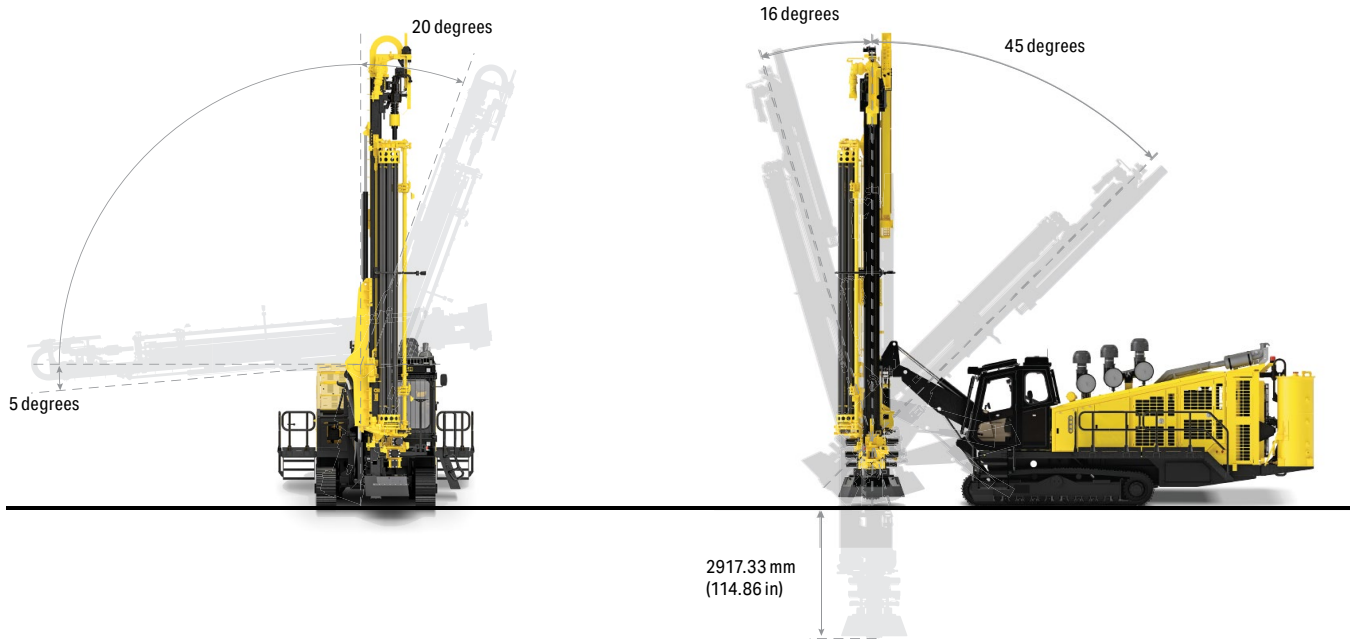
Travel auto two-speed	3 km/h (1.86 mph)
Oscillation	± 8 degrees
Traction force	222.4 kN (50,000 lbs.)
Ground clearance	381 mm (15 in)
Gradeability	30% (17 degrees)

Electro-hydraulic control system

Variable displacement pumps



Images in this brochure may include optional equipment



Images in this brochure may include optional equipment

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	●
Remote fill and drain station	●
Video monitoring system with two color cameras and color monitor for improved visibility	●
Ballistic glass for main cabin front window	●
Fixed rock guard for main cabin front window	○
Cold weather package	○
Arctic package	○
Bolt-on external walkways and rear ladder	○
Single pass depth 28 ft.*	○
Dust collector with pre-separator*	○
HVAC system with pressurization and filtration	○

*Available in 2024/25

Further equipment on request

Product designs, specifications and/or data in this document are provided for informational purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are Komatsu's standard written warranties, which will be furnished upon request.

Komatsu and Joy are trademarks of Komatsu Ltd. or one of its affiliates. All other trademarks and service marks used herein are the property of their respective owners or licensees.

KOMATSU

[komatsu.com](https://www.komatsu.com)

