

ZT44 Track drill



Safety



Reliability



Productivity



Images in this brochure may include optional equipment

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

Working ranges

Hole size	114 mm to 216 mm	4.5 in to 8.5 in
Hammers	102 mm to 203 mm	4 in to 8 in

Configuration - standard mast

Pipe OD	102, 114 mm (4, 4.5 in)	127 mm (5 in)
Pipe capacity	6+1	4+1
Pipe length	6.1 m (20 ft.)	6.1 m (20 ft.)
Max hole depth	42.7 m (140 ft.)	30.5 m (100 ft.)
Single pass max hole depth	6.7 m (22 ft.)	6.7 m (22 ft.)

Configuration - extended mast

Pipe OD	102, 114, 127 mm (4, 4.5, 5 in)	102, 114, 127 mm (4, 4.5, 5 in)
Pipe capacity	2+1	2+1
Pipe length	7.62 m (25 ft.)	8 m (26.25 ft.)
Max hole depth	22.9 m (75 ft.)	24 m (78.7 ft.)
Single pass max hole depth	8.5 m (28 ft.)	8.5 m (28 ft.)

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	

Rotary head

Rotation head speed	58 rpm	
Rotation head torque	5.4 kN-m	3,983 lbf-ft.

Engine

Cummins QSK19, Tier 2		
HP mode @ 1,800 rpm	570 kW	764 hp
LP mode @ 2,100 rpm	597 kW	800 hp
Cummins QSK19, Tier 4 final		
HP mode @ 1,800 rpm	563 kW	755 hp
LP mode @ 2,100 rpm	516 kW	692 hp

Air system

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

Fluid capacity

Fuel tank	1,287 L	340 gal
Hydraulic tank	507 L	134 gal
Water tank (with dust collector)	568 L	150 gal
Water tank (no dust collector)	1,060 L	280 gal

Lower works

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

Dust collector with pre-separator

Suction hose diameter	219 mm	8.625 in
Number of filter elements	4	

Electrical

Voltage	24 V	
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Overall weight and dimensions

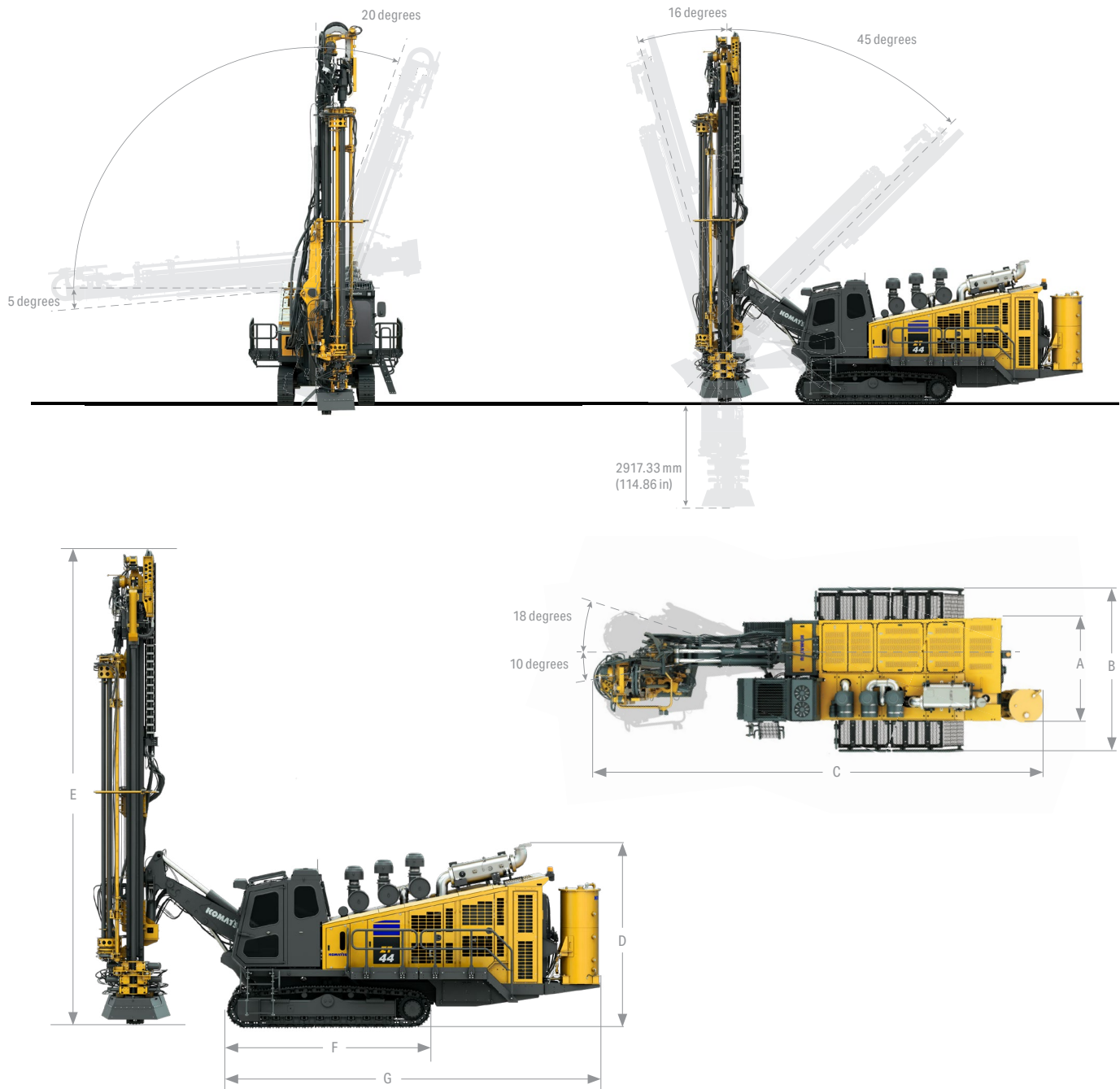
Weight excluding options and drilling tools	38,555 kg	85,000 lbs.
Shipping dimensions - standard mast (height x width x length)	3.56 m x 2.90 m x 14.12 m	140 in x 114 in x 556 in
Shipping dimensions - extended mast (height x width x length)	3.73 m x 2.90 m x 14.12 m	147 in x 114 in x 556 in

Equipment

ROPS/FOPS certified	●
< 80 dBA cab noise level	●
CANbus joystick controlled	●
Automatic constant rotation power control	●
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	●
Ballistic glass for main cabin front window	●

Cold weather package	○
Arctic package	○
Bolt-on external walkways	○
Dust collector with pre-separator	○
Clean Cab HVAC system	○
HPGPS drill guidance system with pattern management	○

Standard equipment	●
Optional equipment	○



Machine dimensions

A	Width	2.71 m	107 in
B	Width (including walkways)	4.52 m	178 in
C	Length	11.12 m	438 in
D	Height	4.04 m	159 in
E	Height (standard mast)	10.58 m	416 in
	Height (extended mast)	12.82 m	505 in
F	Length of tracks	4.45 m	175 in
G	Length to front	8.13 m	320 in



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