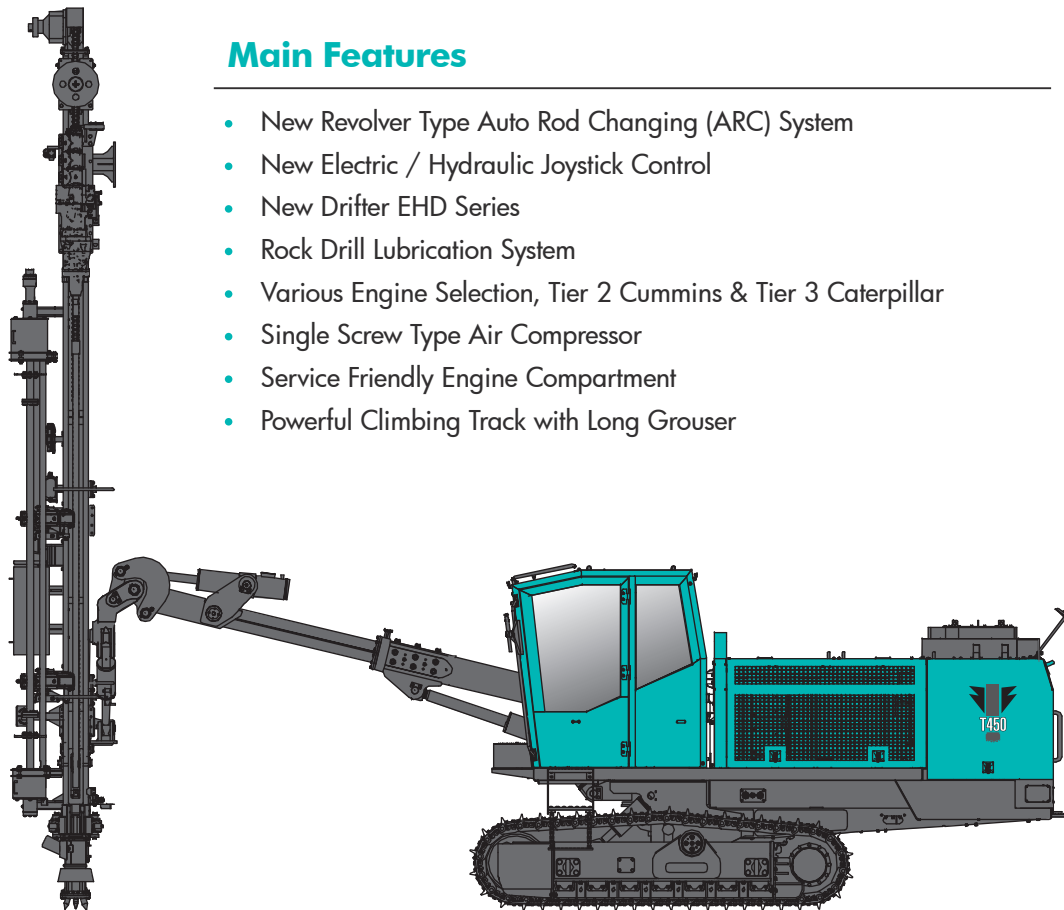


T350 / T400 / T450

Top-Hammer drill rigs



Main Features

- New Revolver Type Auto Rod Changing (ARC) System
- New Electric / Hydraulic Joystick Control
- New Drifter EHD Series
- Rock Drill Lubrication System
- Various Engine Selection, Tier 2 Cummins & Tier 3 Caterpillar
- Single Screw Type Air Compressor
- Service Friendly Engine Compartment
- Powerful Climbing Track with Long Grouser

Recommended Hole Range

	T350	T400	T450
Hole diameter, mm(in)	50~ 89 (2" - 3 1/2")	64~102 (2 1/2" - 4")	70~115 (2 3/4" - 4 1/2")
Drill steel thread, mm(in)	T38, T45 (1 1/2", 1 3/4")	T38, T45 (1 1/2", 1 3/4")	T45, T51 (1 3/4", 2")
Drill steel length, mm(ft)	3050 (10'), 3660 (12')	3660 (12')	3660 (12')
Hole depth, m(ft)	18 (59')	21 (69')	21 (69')

Rock Drill Selection Guide

Drifter	Drill Rig	Impact Power	Drill Steel	Hole Range	Max. Impact Frequency
EHD160	T350	16 kw	T38 / T45	64~89mm (2 1/2" ~ 3 1/2")	50 Hz
ED150					
EHD185	T400	18.5 kw	T38 / T45	64~102mm(2 1/2" ~ 4")	50 Hz
EHD210	T450	21 kw	T45 / T51	70~115mm (2 3/4" ~ 4 1/2")	50 Hz
HC150 (Option)					41.7 Hz

Specifications

Engine	T350	T400	T450		
Model	Cummins 6BT5.9, Tier 1	Caterpillar C7, Tier 3 Cummins 6CTAA8.3C, Tier 2	Caterpillar C7, Tier 3 Cummins 6CTAA8.3C, Tier 2		
Rated Output, kW(hp)	123 (165) @ 2500rpm	168 (225) @ 2200 rpm 153 (205) @ 2200 rpm	168 (225) @ 2200 rpm 153 (205) @ 2200 rpm		
Fuel Tank Capacity, l(gal)	305 (81)	400 (106)	400 (106)		
Compressor	T350	T400	T450		
Free Air Delivery, m ³ /min (cfm)	5.4 (190)	6 (212)	8 (282)		
Air Pressure, bar(psi)	10.5 (153)	10.5 (153)	10.5 (153)		
Boom	T350	T400	T450		
Type	Telescopic Boom	Telescopic Boom	Telescopic Boom		
Length, mm(ft)	2,100 (7')	2,100 (7')	2,100 (7')		
Swing Angle	L 10° / R 45°	L 10° / R 45°	L 10° / R 45°		
Lift Angle	Up 50° / Down 35°	Up 50° / Down 15°	Up 50° / Down 15°		
Dimensions	T350	T400	T450		
Weight, kg(lb)	11,800 (26,000)	13,700 (30,200)	14,000 (30,900)		
Overall height, mm(ft)	2,860 (9')	2,860 (9')	2,860 (9')		
Overall length, mm(ft)	9,050 (30')	9,290 (31')	9,290 (31')		
Overall width, mm(ft)	2,305 (8')	2,305 (8')	2,305 (8')		
Feed	T350	T400	T450		
Feed extension, mm(ft)	1,200 (4')	1,200 (4')	1,200 (4')		
Feed rate Max., m ³ /ft/s)	0.55 (1.8)	0.55 (1.8)	0.55 (1.8)		
feed force Max., kN(lbf)	15 (3,370)	15 (3,370)	15 (3,370)		
Tractive full Max., kN(lbf)	15 (3,370)	15 (3,370)	15 (3,370)		
Total Length, mm(ft)	6100 (20')	6710 (22')	6950 (23')		
Travel Length, mm(ft)	3456 (11' 4")	4400 (14' 5")	4420 (14' 6")		
Tramming	T350	T400	T450		
Tramming Speed, km/h(mi/h)	3.5 (2.2)	3.5 (2.2)	3.5 (2.2)		
Ground Clearance, mm(in)	555 (22")	555 (22")	555 (22")		
Track Oscillation	22° (F 11° / R 11°)	22° (F 11° / R 11°)	22° (F 11° / R 11°)		
Climbing Angle	30°	30°	30°		
Dust Collector	T350	T400	T450	Cabin	T350/T400/T450
Suction Capacity, m ² (ft ²)	24 (258')	24 (258')	28 (302')	Air Conditioner, Heater	Standard
Number of Filters, pcs	6	6	6	ROPS and FOPS Approved	Standard
Pre-cleaner	Standard	Standard	Standard	Electric/Hydraulic Joystick Control	Standard
Cleaning Air Pressure, Max, bar(psi)	8 (117)	8 (117)	8 (117)		
Cleaning Air consumption, l/pulse(gal/pulse)	8.5 (2.3)	8.5 (2.3)	8.5 (2.3)		
Electrical System	T350	T400	T450		
Voltage	24V	24V	24V		
Batteries	2 x 12 V, 100 Ah	2 x 12 V, 150 Ah	2 x 12 V, 150 Ah		
Alternator	24 V, 60 Ah	24 V, 70 Ah (Cummins), 65 Ah (CAT)	24 V, 70 Ah (Cummins), 65 Ah (CAT)		
Working Lights (Front, Rear, Bonnet, Feed ; LED)	2,100 Lumen	2,100 Lumen	2,100 Lumen		
Warning Lamp (Option), Reverse Buzzer (Standard)					
Hydraulic System	T350	T400	T450		
Hydraulic Oil Cooler Max. Ambient Temperature		55 °C	60 °C		
Pumps at 2200 rpm	Axial Piston Pump (1), l/min(gal/min)	121 (32)	123 (33)		
	Axial Piston Pump (2), l/min(gal/min)	121 (32)	123 (33)		
	Gear Pump (1) , l/min(gal/min)	44 (12)	44 (12)		
	Gear Pump (2) , l/min(gal/min)	35 (9)	35 (9)		
Return and Drainage Filters					
Filtration Rate		10 μm absolute	10 μm absolute		

Head Office & Factory
49, Buyeong-gil, Jincheon-eup, Jincheon-gun, Chungcheongbuk-do
Tel_+82-43-530-3300 Fax_+82-43-530-3429

Sales & Marketing Office
Room #1203, Woolim Lion's Valley 2, 2 Gasan digital 1-ro, Geumcheon-gu, Seoul Korea
Tel_+82-2-801-0800 Fax_+82-2-801-0899