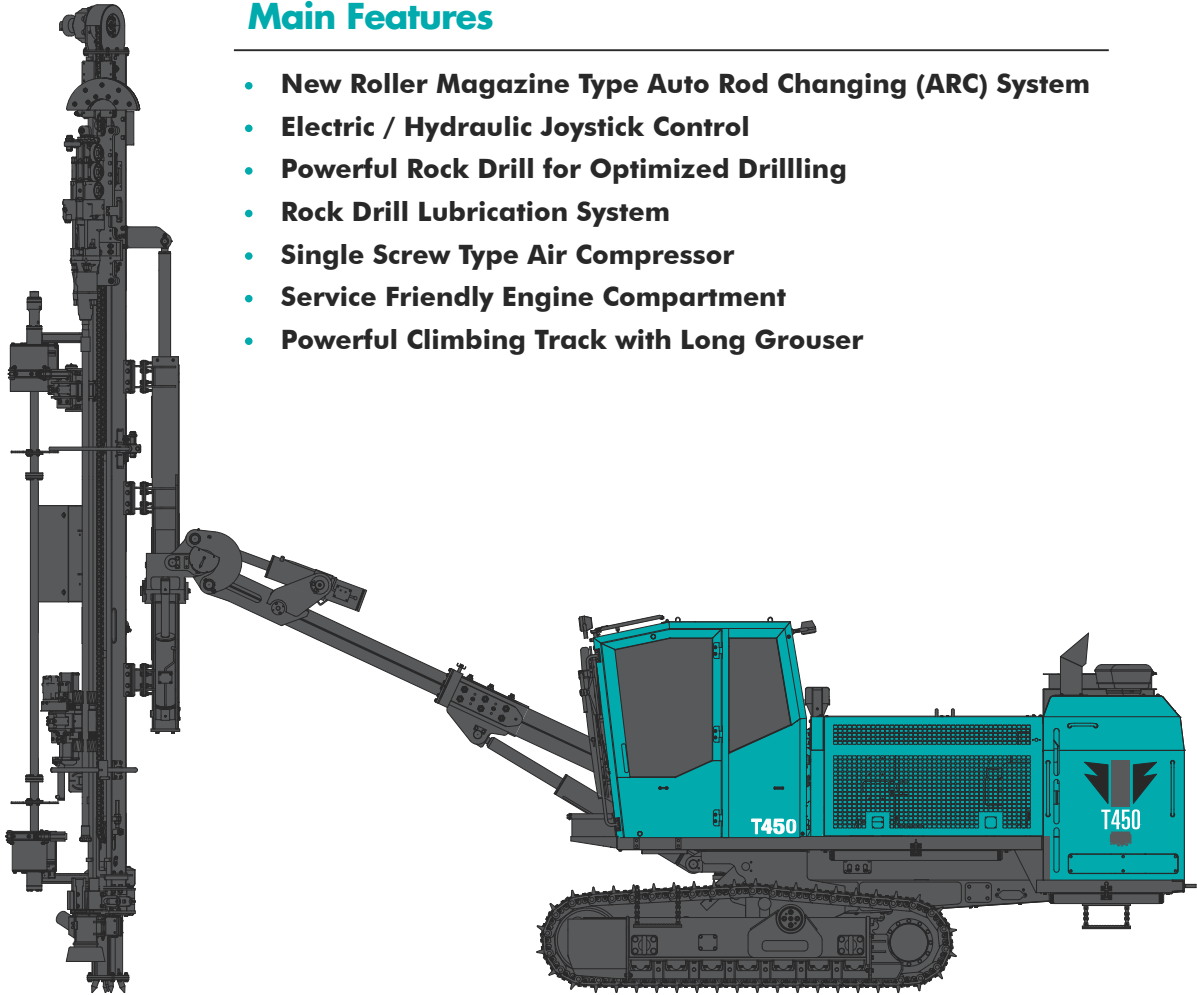


T400/T450/T500

Top-Hammer drill rigs

Main Features

- New Roller Magazine Type Auto Rod Changing (ARC) System
- Electric / Hydraulic Joystick Control
- Powerful Rock Drill for Optimized Drilling
- Rock Drill Lubrication System
- Single Screw Type Air Compressor
- Service Friendly Engine Compartment
- Powerful Climbing Track with Long Grouser



Recommended Hole Range

	T400	T450	T500
Hole diameter, mm(in)	64~102 (2 1/2" - 4")	76~115mm (3" ~ 4.5")	76~127mm (3" ~ 5")
Drill steel thread, mm(in)	T38, T45 (1 1/2", 1 3/4")	T45, T51 (1 3/4", 2")	T45, T51 (1 3/4", 2")
Drill steel length, mm(ft)	3660 (12')	3,660 (12')	3,660 (12')
Hole depth, m(ft)	25 (82')	25 (82')	25 (82')

Rock Drill

	Drill Rigs	Impact Power	Drill Steel	Hole Range	Max. Impact Frequency
EHD185	T400	18.5 kW	T38 / T45	64~102(2.5"~4")	50 Hz
EHD210	T450	21 kW	T45 / T51	75~115(3"~4.5")	50 Hz
HC150	T450/T500			75~127(3"~5")	41.7 Hz

Specifications

Engine	T400	T450	T500		
Model	Caterpillar C7, Tier 3	Caterpillar C7, Tier 3	Caterpillar C7, Tier 3		
Rated Output, kW(hp)	168 kw (225 hp) at 2,200 rpm	168 kW (225 hp) at 2,200 rpm	186 (250) at 2,200 rpm		
Fuel Tank Capacity, l(gal)	400 (106)	400 (106)	400 (106)		
Compressor	T400	T450	T500		
Free Air Delivery, m³/min (cfm)	6 (212)	8 (282)	11 (388)		
Air Pressure, bar(psi)	10.5 (153)	10.5 (149)	10.5 (153)		
Boom	T400	T450	T500		
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 15°	Up 50° / Down 15°	Up 50° / Down 15°		
Dimensions	T400	T450	T500		
Weight, kg(lb)	13,700 (30,200)	14,000 (30,900)	14,500 (31,967)		
Overall height, mm(ft)	2,860 (9')	2,860 (9'4")	2,860 (9')		
Overall length, mm(ft)	9,290 (31')	9,290 (30'5")	9,290 (31')		
Overall width, mm(ft)	2,305 (8')	2,350 (7'7")	2,350 (7'9")		
Feed	T400	T450	T500		
Feed extension, mm(ft)	1,200 (4')	1,200 (4')	1,200 (4')		
Feed rate Max., m/s(ft/s)	0.55 (1.8)	0.55 (119.2 ft/min)	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)	6710 (22')	6,950 (23')	6,950 (23')		
Travel Length, mm(ft)	4400 (14' 5")	4,420 (14' 6")	4,420 (14' 6")		
Tramming	T400	T450	T500		
Tramming Speed, km/h(mi/h)	3.5 (2.2)	3.5 (2.2)	3.5 (2.2)		
Ground Clearance, mm(in)	555 (22")	560 (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	T400	T450	T500	Cabin	T400/T450/T500
Suction Capacity, m²(ft²)	24 (258')	28 (988')	32 (1,130')	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/Option
Cleaning Air Pressure, Max, bar(psi)	8 (117)	8 (117.5)	7 (101.5)		
Cleaning Air consumption, l/pulse(gal/pulse)	8.5 (2.3)	8.5 (0.3)	7.7 (0.27)		
Electrical System	T400/T450/T500				
Voltage	24V				
Batteries	2 x 12 V, 150 Ah				
Alternator	24 V, 70 Ah (Cummins), 65 Ah (CAT)				
Working Lights (Front, Rear, Bonnet, Feed ; LED)	2,100 Lumen				
Warning Lamp (Option), Reverse Buzzer (Standard)					
Hydraulic System	T400/T450/T500				
Hydraulic Oil Cooler Max. Ambient Temperature	60 °C				
Pumps at 2200 rpm	Axial Piston Pump (1), ℓ/min(gal/min)	123 (33)			
	Axial Piston Pump (2), ℓ/min(gal/min)	123 (33)			
	Gear Pump (1) , ℓ/min(gal/min)	41 (11)			
	Gear Pump (2) , ℓ/min(gal/min)	41 (11)			
	Gear Pump (3) , ℓ/min(gal/min)	30 (8)			
Filtration Rate	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