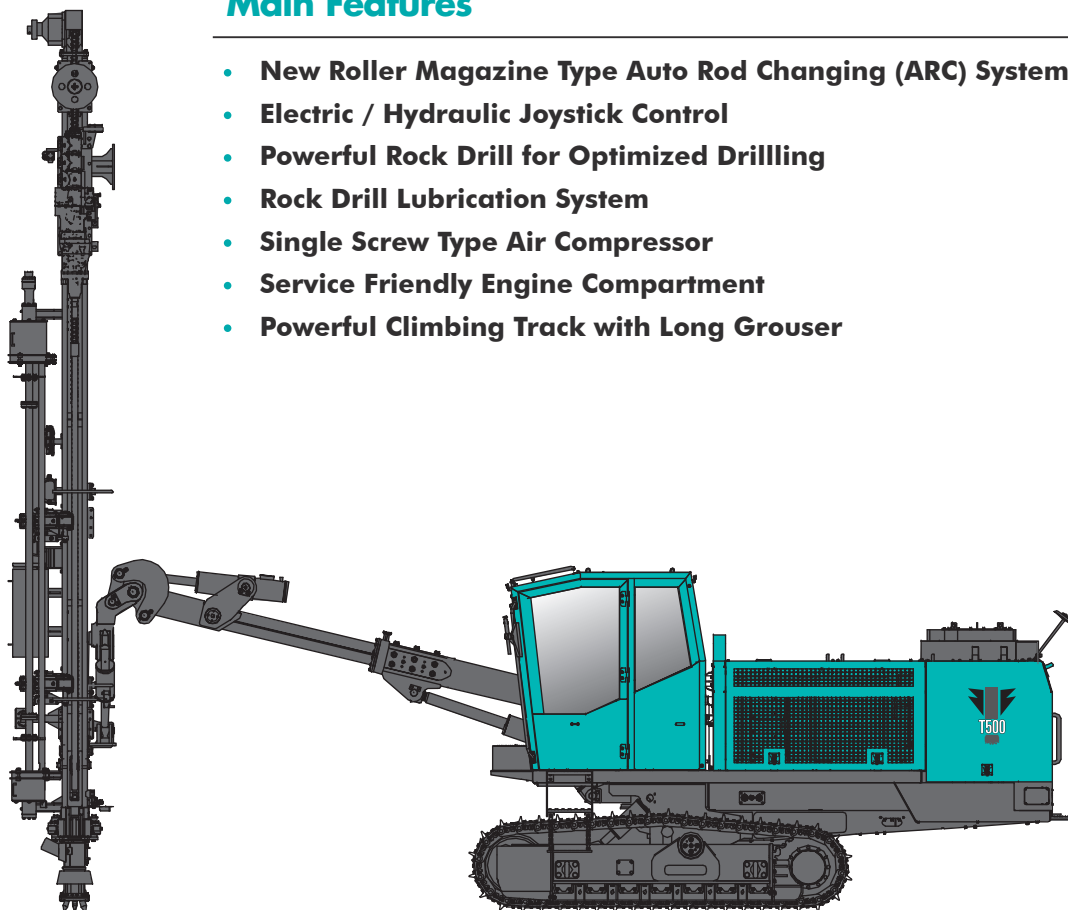


T450/T500

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

	T450	T500
Hole diameter, mm(in)	75~115mm (3" ~ 4.5")	75~127mm (3" ~ 5")
Drill steel thread, mm(in)	T45,T51 (1 3/4", 2")	T45,T51 (1 3/4", 2")
Drill steel length, mm(ft)	3,660 (12')	3,660 (12')
Hole depth, m(ft)	25 (82')	25 (82')

Rock Drill

	Drill Rigs	Impact Power	Drill Steel	Hole Range	Max. Impact Frequency
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	T450	T500	
Model	Caterpillar C7, Tier 3	Caterpillar C7, Tier 3	
Rated Output, kW(hp)	168 kw (225 hp) at 2,200 rpm	186 (250) @ 2,200 rpm	
Fuel Tank Capacity, l(gal)	400 (106)	400 (106)	
Compressor	T450	T500	
Free Air Delivery, m³/min (cfm)	8 (282)	11 (388)	
Air Pressure, bar(psi)	10.5 (153)	10.5 (153)	
Boom	T450	T500	
Type	Telescopic Boom	Telescopic Boom	
Length, mm(ft)	2,100 (7')	2,100 (7')	
Swing Angle	L 10° / R 45°	L 10° / R 45°	
Lift Angle	Up 50° / Down 15°	Up 50° / Down 15°	
Dimensions	T450	T500	
Weight, kg(lb)	14,000 (30,900)	14,500 (31,967)	
Overall height, mm(ft)	2,860 (9')	2,860 (9')	
Overall length, mm(ft)	9,290 (31')	9,290 (31')	
Overall width, mm(ft)	2,350 (7'9")	2,350 (7'9")	
Feed	T450	T500	
Feed extension, mm(ft)	1,200 (4')	1,200 (4')	
Feed rate Max., m/s(ft/s)	0.55 (1.8)	0.55 (1.8)	
feed force Max., kN(lbf)	15 (3,370)	15 (3,370)	
Tractive full Max., kN(lbf)	15 (3,370)	15 (3,370)	
Total Length, mm(ft)	6,950 (23')	6,950 (23')	
Travel Length, mm(ft)	4,420 (14' 6")	4,420 (14' 6")	
Tramming	T450	T500	
Tramming Speed, km/h(mi/h)	3.5 (2.2)	3.5 (2.2)	
Ground Clearance, mm(in)	555 (22")	555 (22")	
Track Oscillation	22° (F 11° / R 11°)	22° (F 11° / R 11°)	
Climbing Angle	30°	30°	
Dust Collector	T450/T500	Cabin	T450/T500
Suction Capacity, m²(ft²)	28 (302')	Air Conditioner, Heater	Standard
Number of Filters, pcs	6	ROPS and FOPS Approved	Standard
Pre-cleaner	Standard	Electric/Hydraulic Joystick Control	Standard
Cleaning Air Pressure, Max, bar(psi)	8 (117)		
Cleaning Air consumption, l/pulse(gal/pulse)	8.5 (2.3)		
Electrical System	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	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)	44 (12)	
	Gear Pump (2) , ℓ/min(gal/min)	35 (9)	
Return and Drainage Filters			
Filtration Rate	10 _{µm} absolute		

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