

Main performances	Unit	Parameter	Remark
Slot			
Groove depth	m	120	
Groove thickness	mm	800-1800	
Groove width of singlehole	mm	2800	
Working equipment			
Milling wheel gearbox torque	kN·m	2×120	
Max. speed	rpm	25	
Height of milling cutter holder	m	12.7	
Weight of milling cutter holder	t	37-47	
Number of deviation correction devices	/	12	
Main winch			
Lifting capacity	kN	2×390	
Wire rope diameter	mm	36	
Mud treatment			
Mud pipe diameter	mm	Φ152	
Mud pump	m³/h	450	
Main Chassis			
Engine power	kW/rpm	570.5/1800	
Extension width	mm	3900-5500	
Track shoe width	mm	960	
Swing radius	mm	4450-6300	
Track grounding length	mm	6080	
Overall machine			
Overall dimension	m	12.1x5.8x22.8	L×W×H
Operating weight	t	203	
Max walking speed	km/h	1.3	
Max walking traction	kN	1050	

EXPERT AT HARD ROCK AND MILLING

Trench cutter is used for hard stratum wall forming underground construction, also used for square pile construction. It is suitable for continuous wall construction of rail transit stations, deep foundation pit support of high-rise buildings, water conservancy and hydropower projects, etc.

High rock breaking efficiency: strong power, large torque, high speed and fully arranged teeth working with movable teeth to achieve hard rock and no dead angle milling with high efficiency.

High quality of grooving: vertical rotation device of frame ensures that the cutting wheel frame is vertical, 12 sets of deviation correction devices are equipped to ensure high quality grooving.

Steady micro feed: steady continuous micro feed speeds up to millimeter level, which can perfectly meet the needs of slow feed in hard rock construction.

Intelligent construction: cutting wheel speed, torque, winch load and milling speed are self-adaptive to maximize construction efficiency. Drilling power and mud pump discharge power can be automatically adjusted to maximize the utilization of power.

Comfortable operation: flexible design of mast cylinder can effectively prevent vibration from being transmitted to the cab during the construction of working device, making driving smooth.

Convenient construction: in corner construction, the rotating function of the working device ensures that the working device is convenient to enter the groove.

Convenient disassembly and assembly: when disassembling and transferring, mud pipe and oil pipe can be completely retracted to the capstan and transported together with the capstan on a special transport rack.

