

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	2×125	
Max. speed	rpm	25	
Height of milling cutter holder	m	12.7	
Weight of milling cutter holder	t	44-56	
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	m ³ /h	450	
Main Chassis			
Engine power	kW/rpm	570.5/1800	
Extension width	mm	3900-5500	
Track shoe width	mm	960	
Swing radius	mm	5120-6360	
Track grounding length	mm	6080	
Overall machine			
Overall dimension	m	12.1x6.5x23.8	L×W×H
Operating weight	t	210	
Max walking speed	km/h	1.3	
Max walking traction	kN	1050	

EXPERT AT HARD ROCK AND MILLING

SDC120 trench cutter is a continuous wall grooving equipment used in hard ground and complex geological conditions. With its high precision and high efficiency characteristics, it is widely used in underground continuous wall construction in rail transit stations, water conservancy and hydropower anti-seepage walls, high-rise buildings deep foundation pit support and other engineering fields.

High efficiency: high power can be effectively transmitted to the large torque gearbox; high-strength wear-resistant cutting wheels can easily cut hard rock.

High groove quality: the precisely controlled cutter frame and 12 sets of steering plates with high accuracy can ensure the verticality of the groove.

Intelligent construction: adaptive adjustment of cutting parameters can maximize the construction efficiency.

Rotation device: the working device facing the slot can be adjusted steplessly within the range of $\pm 90^\circ$.

Easy to control: the electronic control joysticks apply the required movements with pinpoint accuracy; the large touch screen with high definition and various shortcuts increase the operating speed.

Smooth operation: the robust design with shock absorption devices can easily withstand vibrations and high workloads; the air suspension seat makes the driving more comfortable.

Convenient disassembly and transportation: the optimized design of lifting points and transportation brackets enable a variety of transportation plans, and can realize quick assembly&disassembly, easy to transfer.

