



Main performances	Unit	Parameter	Remark
Slot			
Groove depth	m	80	
Groove thickness	mm	600-1200	
Groove width	mm	2800	standard
Working equipment			
Weight	t	15-25	
Max.closing force	t	165	
Main winch			
Lifting capacity	kN	2×270	
Wire rope diameter	mm	32	
Max.line speed	m/min	80	
Mast angle			
Max.working angle	°	82	
Main Chassis			
Base engine	/	6UZ1	ISUZU
Engine power	kW/rpm	257/2000	
Exhaust emission	/	China Stage III	
Engine displacement	L	9.84	
Pump flow	L/min	2×280+144	
Width retracted/extended	mm	3200-4500	
Track shoe width	mm	800	
Swing radius	mm	4400	
Overall machine			
Overall height	mm	17435	
Operating weight	t	100	
Transport width	mm	3500	
Transport height	mm	3720	

FAST IMPACT, ACCURATE TRENCH FORMING

SH500 is a small and medium-sized equipment used for construction of subway, industrial and civil infrastructure, seepage prevention construction of water conservancy and reservoir.

Fast: the line speed is high in winch mode to enhance drilling efficiency; the streamlined structure of working device enables the smooth and quick movement during entering in or lifting out of water; fast grab opening speed and trench forming speed.

Accurate: the working device for the soil layer is equipped with tilt measurement device to detect the trench quality in real time, and the construction accuracy is within 1‰.

Stable: the special rotary structure and adjustable counterweight designed for grab construction conditions, stable and smooth.

Intelligent: remote monitoring of trench curve, mobile terminal curve printing, detect trench quality and reduce dependence on ultrasonic equipment.

Economic: easy to transport, without dissembling winch; low oil consumption, reduce construction costs.

Synchronous: the actions of pipe reel, cable and main winch are controlled synchronously, reduce maintenance times and lengthen the service life.

