

H11

SH500

2020 Hydraulic Grab

Large crawler width  
Powerful grab



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- Groove depth 80m
- Groove width 600-1200mm
- Engine power 257kW/2000rpm

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Main performances	Unit	Parameter	Remark
Slot			
Groove depth	m	80	
Groove width	mm	600-1200	
Working equipment			
Weight	t	15-25	
Max. closing force	t	165	
Open and close bucket time	s	7/7	
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	/	ISUZU 6UZ1	
Engine power	kW/rpm	257/2000	
Emission regulation	/	COM III	
Engine displacement	L	9.84	
Pump flow	L/min	2 × 280+144	
Chassis length	mm	7265	
Extension width	mm	4500	
Track shoe width	mm	800	
Swing radius	mm	4360	
Overall machine			
Overall height	mm	17435	
Operating weight	t	130	
Transport width	mm	3400	
Transport height	mm	3625	

**Powerful:** The working device has large weight and impact power, and can be used in strongly weathered rock strata within 10MPa.

**Fast:** The opening and closing time of the bucket is only 7 seconds, and the efficiency of soil grabbing, slag collecting and unloading is higher. Winch adopts synchronous confluence technology with the fastest speed in the same class.

**High verticality:** Adopt the dynamic real-time detection technology of gyroscope to adjust the deviation of the gantry push plate in real time, and the perpendicularity of the groove can reach 1.5%.

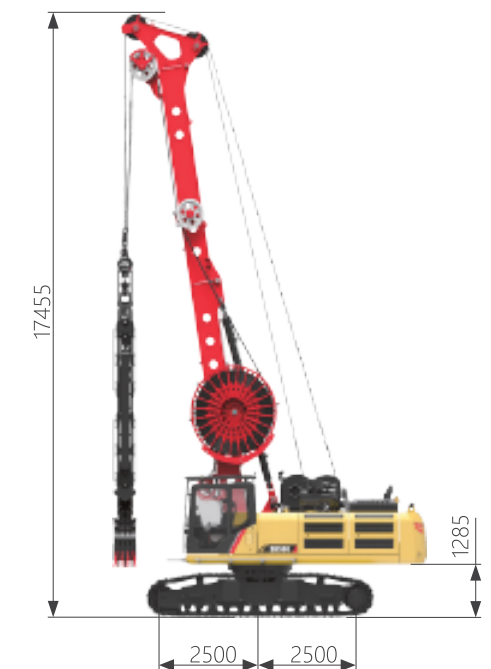
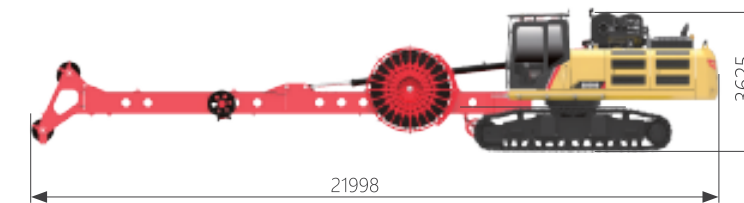
**Stable:** Specialized large gauge chassis, reduce rapid impact and shake, improve construction safety.

**Deep:** The construction depth is 80 meters, covering more than 90% of underground support projects.

**Economical:** The main winch adopts single-layer large drum, achieving longer service life of wire rope.

**Convenient:** It is equipped with electric centralized lubrication system and hydraulic quick change joint to improve the convenience of disassembly, installation and maintenance.

**Intelligent:** Specialized operating system for grabber, real-time display of drilling situation.



Hydraulic Grab: SH500 SH700 SH950

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