

## Overhead DTH drilling rig



Scan to get a special offer

- ◆ Good operation stability with four hydraulic outriggers;
- ◆ A high drill stand and a long drill pipe structure unique in the industry, less auxiliary time, and small wearing amount of drilling rig;
- ◆ A cab compliant with ROPS and FOPS requirements, good in view, delicately organized, and safe and comfortable for operation
- ◆ Intelligent control, Sunward Cloud system and synchronous transmission of operation data for you to grasp the construction state at any time



Main parameters			SWDB138	SWDB165A	SWDB200A	SWDB250
Operation parameters	Drilling range	mm	138-165	138~180	180~255	230~270
	Impactor		5"、6"	5"、6"	6"、8"	8"、9"
	Drill pipe diameter	mm	110	133	146	146
	Drill pipe length	m	8.5m×3	8.5m×3	10m×3	10m×3
	Maximum hole depth	m	25	25	30	30
	Dust removal device		Dry-type (standard) and wet-type (optional)			
Air compressor	Working pressure	bar	20	20	20.7	20.7
	Displacement	m <sup>3</sup> /min	18.6	24.1	30.3	34
	Power	kW/rpm	194/1800	262.5/1900	328/1800	336/1850
Engine	Manufacturer		CUMMINS	CUMMINS	CUMMINS	CUMMINS
	Model		QSB4.5	QSB4.5	QSB4.5	QSB4.5
	Power	kW/rpm	97/2200	97/2200	97/2200	97/2200
	Fuel tank	L	1200	1200	1200	1200
Propulsion	Total length of propulsion girder	mm	11500	11500	13200	13200
	Compensated travel	mm	1800	1800	1800	1800
	Maximum propulsion	kN	50	50	75	75
Traveling capability	Traveling speed	km/h	3.2	3.2	2.8	2.8
	Maximum traction force	kN	125	125	175	175
	Gradeability	°	25	25	25	25
	Ground clearance	mm	480	480	480	480
Slewing	Slewing speed	rpm	105	105	50	50
	Slewing torque	Nm	4500	5500	6000	6620
Overall dimensions of boom	Weight	kg	22000	25000	30000	32000
	LxWxH (working)	m	7.1×4.18×12	7.5×4.65×12	7.5×4.68×13.8	7.5×4.68×13.8
	LxWxH (transportation)	m	12×3.2×3.2	12×3.35×3.4	13.8×3.35×3.45	13.8×3.35×3.45