

Diesel-electric integrated DTH drilling rig



Scan to get a special offer

- ◆ Good operation stability with four hydraulic outriggers;
- ◆ Diesel-electric dual power unique in the industry, flexible maneuver when driven by the diesel engine during traveling, and cost saving when driven by electric power during operations;
- ◆ More energy efficient, small in pressure drop, and more stable and safer for operation with the customized special on-board transformer;
- ◆ An IP65 LV control cabinet with dustproof elements and of people oriented design, more stable for operation, and accessible for routine switching on and off of the power supply



Main parameters		SWDA165C	SWDA200C	SWDA250C	
Operation parameters	Drilling range	mm	138~180	180~255	230~270
	Impactor		5"、6"	6"、8"	8"、9"
	Drill pipe diameter	mm	133	146	146
	Drill pipe length	m	8.5m×3	10m×3	10m×3
	Maximum hole depth	m	25	30	30
	Dust removal device	Dry-type (standard) and wet-type (optional)			
Air compressor	Working pressure	bar	20.7	20.7	20.7
	Displacement	m ³ /min	28.3	30.3	32.6
	Power	kW/rpm	250	250	280
Engine	Manufacturer		CUMMINS	CUMMINS	CUMMINS
	Model		QSB4.5+Y200-4	QSB4.5+Y2-225S-4	QSB4.5+Y2-225S-4
	Power	kW/rpm	97/2200+60	97/2200+74	97/2200+74
	Fuel tank	L	200	200	200
Propulsion	Total length of propulsion girder	mm	11500	13200	13200
	Compensated travel	mm	1800	1800	1800
	Maximum propulsion	kN	50	75	75
Traveling capability	Traveling speed	km/h	2.8	2.8	2.8
	Maximum traction force	kN	125	175	175
	Gradeability	°	25	25	25
	Ground clearance	mm	480	480	480
Slewing	Slewing speed	rpm	85	50	50
	Slewing torque	Nm	5500	6000	6620
Overall dimensions of boom	Weight	kg	28000	30000	32000
	LxWxH (working)	m	8.4×4.65×12	8.5×4.68×13.8	8.5×4.68×13.9
	LxWxH (transportation)	m	12×3.4×3.5	13.8×3.4×3.5	13.9×3.35×3.45