



Diesel-electric Integrated Down-the-hole Drilling Rig

□With the diesel-electric dual power, traveling is driven by diesel engine, which is flexible; operation is driven by electricity, which saves more energy.

◆The customized special vehicle transformer features low voltage drop, stable and safe operation, and low energy consumption.

◆Electrical components are dust-proof, moisture-proof and vibration-resistant, with a protection grade of IP65. Green energy helps to achieve low carbon and environmental protection.

◆The cab with ROPS and FOPS certifications has good vision and exquisite layout, as well as safe and comfortable operation.

◆Sunward Cloud, the intelligent control system, provides synchronous data transmission and displays real-time construction progress.

SUNWARD Down-the-hole Drilling Rigs SWDA165C

www.wme.cn/sunward-swda165c/

Item		SWDA165C	SWDA200C
Main parameters			
Hole diameter	mm	138-180	180-230
DTH hammer	"	5、 6	6、 8
Tube diameter	mm	110、 133	146
Tube length	m	8.5m×3	10m×3
Maximum hole depth	m	25	30
Dust collector	-	Dry (standard) water mist (optional)	
Air compressor			
Working pressure	bar	21	24
FAD	m³/min	28.3	30.3
Engine			
Brand	-	Cummins	Cummins
Model	-	QSB4.5-C130-30	QSB4.5-C130-30
Power rating	kW/rpm	97/2200	97/2200
Fuel tank volume	L	200	200
Electric Motor Max. power	kW	344	374
Feed system			
Total length	mm	11500	14000
Feed extension	mm	1800	1800
Feed force	kN	75	75
Carrier			
Tramming speed	km/h	3.2	3.2
Traction force	kN	180	180
Gradeability	°	25	25
Ground clearance	mm	480	480
Rotary head			
Rotation speed	rpm	0-105	0-65
Torque	Nm	6500	8000
Dimension			
Weight	kg	28500	31500
L × W × H (work)	m	9.6×4.7×11.5	9.6×4.7×15.5
L × W × H (Transportation)	m	11.5×3.6×3.5	15.5×3.6×3.5