



Elevated Down-the-hole Drilling Rig

- Four-point hydraulic outrigger, with good working stability.
- ◆Original in the industry, the elevated drilling rig has long drill pipe structure, leading to less auxiliary time and low drilling tool consumption.
- ◆The cab meeting ROPS and FOPS requirements has good vision and exquisite layout, allowing 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 SWDB165B

www.wme.cn/sunward-swdb165b/

Item		SWDB165B	SWDB200B	SWDB200A	
Main parameters					
Hole diameter	mm	138-180	180-230	180-230	
DTH hammer	"	5、 6	6、 8	6、 8	
Tube diameter	mm	133	146	146	
Tube length	m	10m×3	10m×3	10m×3	
Maximum hole depth	m	30	30	30	
Dust collector	-	Dry (standard) water mist (optional)			
Air compressor					
Working pressure	bar	25	24	21	21
FAD	m³/min	29.8	34.6	30.3	34
Engine					
Brand	-	CAT	Cummins	Cummins	Cummins
Model	-	C15	QSM15CS3-755C	QSB4.5-C130+QSM11-C400	QSB4.5-C130+QSX15-C550
Power rating	kW/rpm	403/2100	563/2100	97/2200+298/2100	97/2200+410/1850
Fuel tank volume	L	1500	1500	1500	1500
Feed system					
Total length	mm	14000	14000	14000	
Feed extension	mm	1800	1800	1800	
Feed force	kN	75	75	75	
Carrier					
Tramming speed	km/h	3.2	3.2	3.2	
Traction force	kN	180	180	180	
Gradeability	°	25	25	25	
Ground clearance	mm	480	480	480	
Rotary head					
Rotation speed	rpm	0-105	0-65	0-80	
Torque	Nm	6500	8000	8000	
Dimension					
Weight	kg	28000	30000	30000	
L × W × H (work)	m	8.2×5.6×15.5	8.2×5.6×15.5	8.2×5.6×15.5	
L × W × H (Transportation)	m	15.5×3.4×3.8	15.5×3.4×3.8	15.5×3.4×3.8	