

SWDL PV DRILLING RIG (SOLAR DRILLING RIG)

Combining the advan ages of excavator and rock drilling rig, the product has the functions of high-speed cutting and percussion drilling



Higher operation efficiency and better economy

- ◆The 360° rotation of the upper body effectively improves the working efficiency.
- ◆The two-speed propulsion mode features less auxiliary time and high comprehensive efficiency.
- ◆Reliable down-the-hole impactor and powerful air compressor ensure efficient and stable operation.
- ◆The integrated down-the-hole/cutting dual function adapts to various rock strata, that is, down-the-hole mode for hard rock stratum and cutting mode for soft rock stratum, effectively reducing operation cost.
- ◆The quasi-constant power hydraulic system control saves more fuel.
- ◆The autonomous identification of working status prevents sticking and improves operation efficiency.

Higher reliability

- ◆The buffering mechanism effectively protects the power head and drilling tools.
- ◆The enhanced thread and aerosol lubrication ensures a longer service life of the drill pipe.
- ◆Core components of international famous brands are selected, and the system design is reasonably matched.
- ◆Boom supports forging to improve stress distribution.
- ◆Reinforced platform has strong carrying capacity.

Better adaptability to working conditions

- ◆Universal excavator chassis, large ground clearance and strong off-road capability.
- ◆The power system has strong adaptability to plateau and oil products.
- ◆The standard low-temperature startup and intelligent temperature control system has good low-temperature adaptability.
- ◆Large slewing torque of the power head and strong pulling force of the heavy chain propulsion system can easily deal with adverse rock strata.

Safer and greener

- ◆Cab with ROPS & FOPS certification.
- ◆Interlocking of operation and adjustment mode.
- ◆Automatic fire extinguishing system.
- ◆Dry dedusting covering large filtration area; wet dedusting with high-pressure water mist.

Better adaptability

- ◆The panoramic cab, spacious and comfortable, features wide field of view and suspension seat.
- ◆Anti-vibration and noise isolation, superior to industry standards.
- ◆Air conditioner is equipped, not afraid of cold and hot weather.

ITEM		SWDL600
Main parameters		
Hole diameter	mm	115-300
DTH hammer	"	-
Tube diameter	mm	76/89/102/114/146
Tube length	m	-
Maximum hole depth	m	3.2
Upper frame rotation angle	°	360
Dust collector	-	-
Air compressor		
Working pressure	bar	-
FAD	m³/min	-
Engine		
Brand/Emission	-	YuChai/Emission Stand III
Model	-	YCF3065-T300
Power rating	kW/rpm	48/2200
Fuel tank volume	L	145
Feed system		
Total length	mm	4900
Feed force	kN	30
Carrier		
Tramming speed	km/h	2.2/4.2
Traction force	kN	75
Gradeability	°	25
Ground clearance	mm	380
Rotary head		
Rotation speed	rpm	0-40
Torque	Nm	6000
Dimension		
Weigh	kg	9450
L × W × H(Work)	m	5.7× 2.25× 5.2
L × W × H(Transportation)	m	7.4× 2.25× 2.8