

# **DRILL** *SPRING*

## *W Series Water Well Drilling Rig—W300*



Parameter		Unit	W300
Drilling capability	Max. hole diameter	(mm)	130-330
	Max. drilling depth	(m)	300
Feeding system	Max. lifting capacity	(T)	18
	Max. lifting speed	(m/min)	30
	Max. feeding speed	(m/min)	60
	Stroke	(m)	3.3/4.8
Top drive	Max. torque	(N • m)	7500
	Max. speed	(rpm)	70
Chassis	Walking speed	(km/h)	2.5
	Climbing gradient	(%)	39
Tool winch	Hoisting capacity	(T)	1.5
	Power	(kw)	85
	Dimension	(mm)	4100×2000×2250
	Weight	(T)	7.2

**Highlights Introduction**

1.Mature and reliable hydraulic drive power head

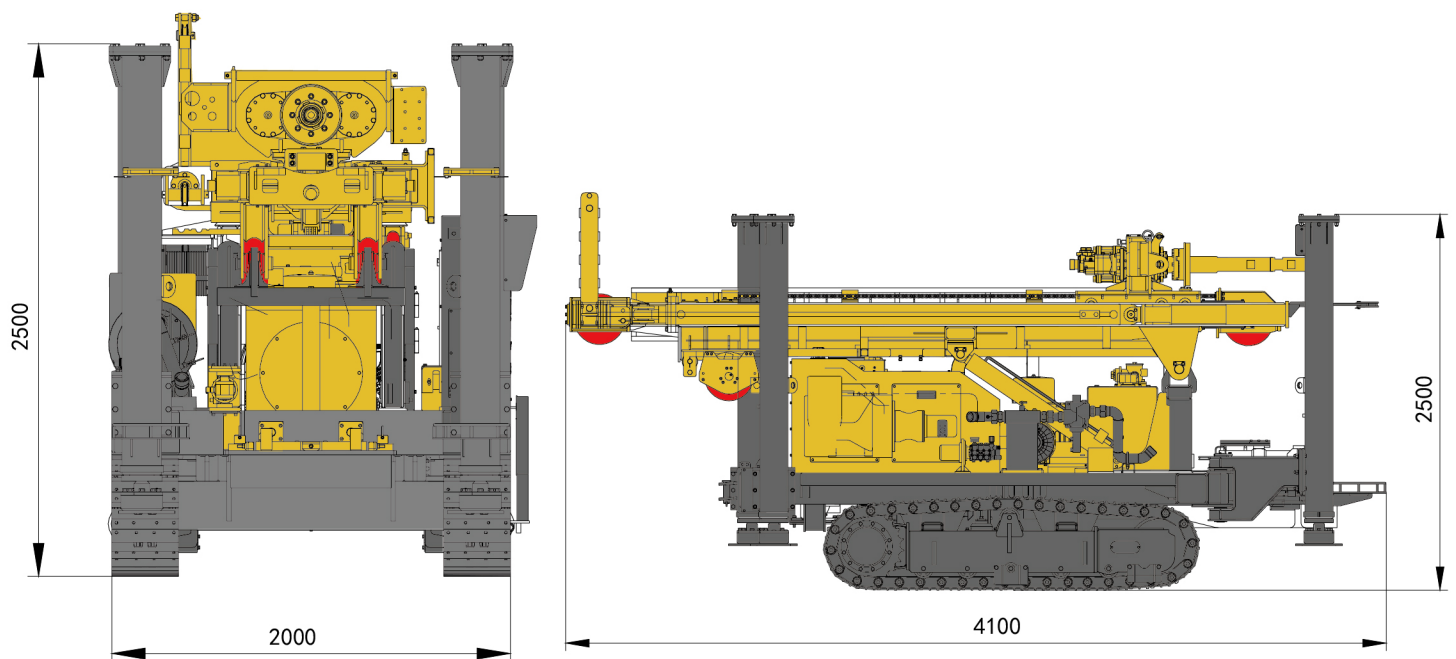
- The unique technology of double motor driver can ensure longer service life;
- The spindle adopts multi-bearings to support radial and axial force which can get greater bearing capacity and higher precision of drilling;
- The spindle seal adopts multiple seals design to ensure the sealing function and reduce cost.

2.Double slideway telescopic drill frame

- The design of main and auxiliary slide-way ensure the stability of drill frame and the precision of drilling;
- Adjustable-interval sliding blocks are used between the inside and outside mast, which can reduce wear and maintenance cost effectively.

3.Safe and thoughtful detail design

- Multiple emergency stop buttons are set to ensure the safety of machine and personnel;
- Hydraulic operating handles are concentrated to make operation more convenient.





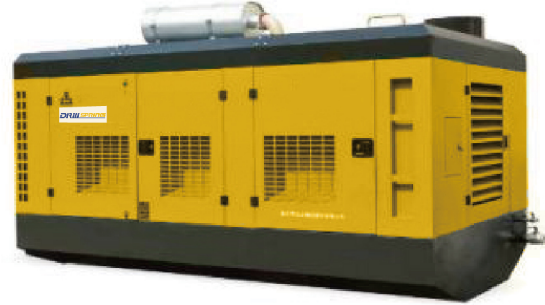
## Ancillary equipment (Please order according to actual demand)

### ➤ Air compressor

Air displacement: 15~40 m<sup>3</sup>/min

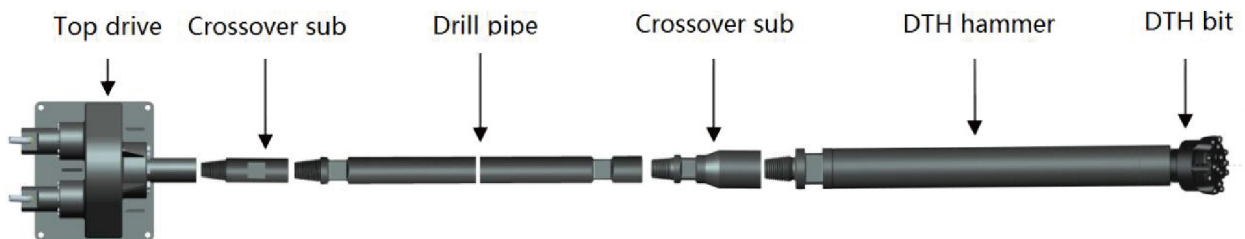
Rated working pressure: 1.45~3.5 MPa

Main application: Drive the DTH hammer, Discharge drilling cuttings



### ➤ Drilling tools

Specification of optional drilling tools (Please order according to actual demand)			
Drill pipe	Drill pipe diameter	(mm)	Φ89、Φ102
	Drill pipe length	(m)	1.5、2.0、3.0m
DTH	DTH hammer	(")	5、6、8、10
	DTH bits	(mm)	130-152-190-254-330



### ➤ Foam pump

Quantity of flow: 35 L/min

Pressure: 4 MPa

Main application: Dust fall;

Assist in removing cuttings; Cleaning the drill



### ➤ Electric generator

Power: 8-28 kW

Main application: Welding socket

