

DRILL *SPRING*

W Series Water Well Drilling Rig—W200



| Parameter | | Unit | W200 |
|---------------------|-----------------------|---------|----------------|
| Drilling capability | Max. hole diameter | (mm) | 105-254 |
| | Max. drilling depth | (m) | 200 |
| Feeding system | Max. lifting capacity | (T) | 13 |
| | Max. lifting speed | (m/min) | 30 |
| | Max. feeding speed | (m/min) | 60 |
| | Stroke | (m) | 3.3 |
| Top drive | Max. torque | (N · m) | 4700 |
| | Max. speed | (rpm) | 70 |
| Chassis | Walking speed | (km/h) | 2.5 |
| | Climbing gradient | (%) | 39 |
| Tool winch | Hoisting capacity | (T) | 1.5 |
| | Power | (kw) | 65 |
| | Dimension | (mm) | 3950×1750×2250 |
| | Weight | (T) | 5 |

Highlights Introduction

1.Mature and reliable hydraulic drive power head

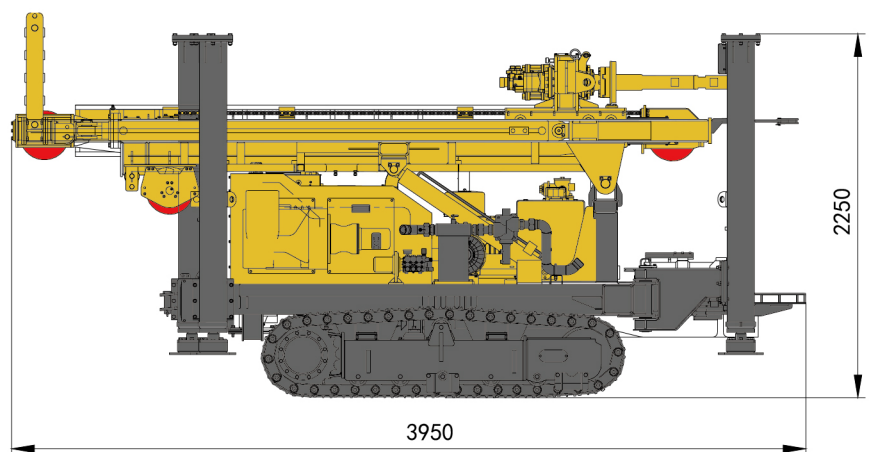
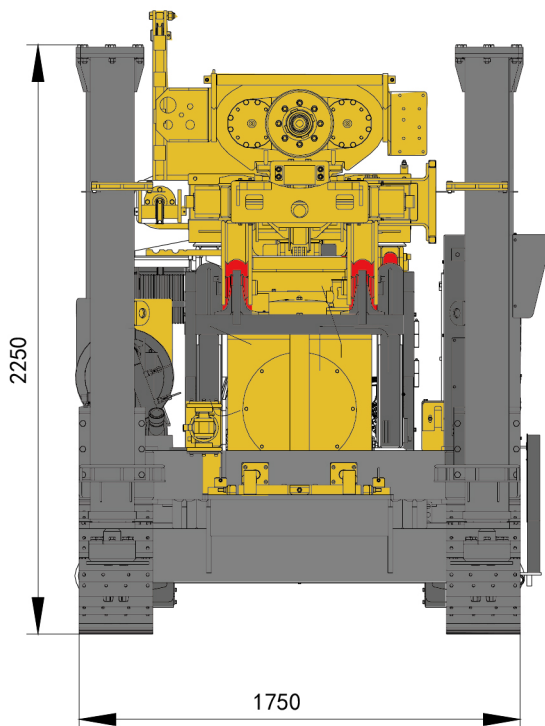
- The unique technology of double motor driver can ensure longer service life;
- The spindle adopts multi-bearings to support radial and axial force which can get greater bearing capacity and higher precision of drilling;
- The spindle seal adopts multiple seals design to ensure the sealing function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



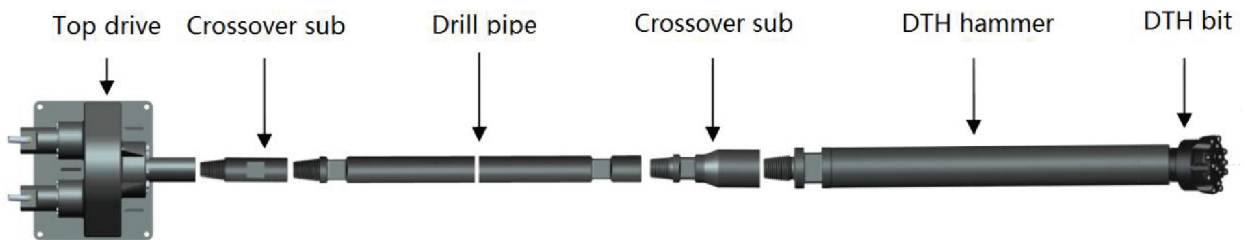
Ancillary equipment (Please order according to actual demand)

- **Air compressor**
 Air displacement: 15~40 m³/min
 Rated working pressure: 1.45~3.5 MPa
 Main application: Drive the DTH hammer, Discharge drilling cuttings



- **Drilling tools**

| Specification of optional tools (Please order according to actual demand) | | | |
|--|---------------------|------|---------------------|
| Drill pipe | Drill pipe diameter | (mm) | Φ76、Φ89 |
| | Drill pipe length | (m) | 1.5、2.0、3.0m |
| DTH | DTH Hammer | (") | 4、5、6、8 |
| | DTH bits | (mm) | 105-130-152-190-254 |



- **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

