



## JZF(80/100/120) REVERSE CIRCULATION DRILLING RIG

The crawler reverse circulation water well drilling rig is a small reverse circulation drilling rig developed by our company in the process of industrial and civilian drilling, engineering dewatering, and ground source heat pump well drilling. At present, it is widely used in industrial and civilian drilling and general survey of the hydrogeological conditions of the stratum; agricultural irrigation, industrial water well drilling; underground tunnel ventilation, bridges, building foundations and other engineering piling drilling and other large-aperture drilling. Suitable stratum: soil layer, sand layer, a small amount of cobblestone layer.



### MAIN FEATURE

- 01 Easy to install and quick to move. The drilling speed is fast, 20-40 meters per hour.
- 02 The drilling machine is simple in design, durable and easy to maintain. Hydraulic automatic drilling, light weight, easy to get on and off.
- 03 The rubber track chassis does not damage the road surface and can walk short distances on urban roads. The four hydraulic outriggers are convenient for stabilizing the rig during drilling and assisting in leveling.
- 04 The drill pipe is automatically moved up and down, and the threads on the two ends are all heat-treated, so they are not easy to wear. It only takes 30 minutes to completely disassemble the 100-meter drill pipe, which greatly reduces the labor intensity of the operator.

### Main technical parameters

Model	JZF-80	JZF-100	JZF-120
Drilling depth(m)	80	100	120
Drilling diameter(mm)	150-600	200-800	200-1500
Drill rod size(mm)	108*1500	140*2000	168*2000
Drilling angle(°)	90	90	90
Rig power(kw)	motor :11 Large pump motor:7.5	motor:11 Large pump motor:15 pump motor:4	Oil Main motor power:64Vacuum pump power:7.5
Drilling speed(m/h)	20-40	20-40	20-40
Chassis power	Diesel engine/motor	Diesel engine/motor	Diesel engine/motor
Walking speed(m/h)	2.5	2.5	2.5
Rig weight(kg)	3000	3000	5000

