



## HW-100 POSITIVE AND NEGATIVE CIRCULATION DRILLING RIG

Positive and negative circulation drilling rig is a forward and reverse circulation drilling rig modified on a tractor. It adopts the form of a motor and a generator on the tractor head, which solves the interference of no electricity in the field. It can also use three-phase electricity, which is convenient for customers. . The forward and reverse circulation drilling rig can use forward circulation or reverse circulation according to different formations. The gearbox adopts high and low gears to change the drilling speed.

### Main technical parameters

Model	HW-100
Non-working size(mm)	3750*1350*2650
Total Weight(kg)	2700
Engine(kw)	30 / 50
Power Head(r/min)	60/90 High and low speed
Drill rod length(m/piece)	2
Working size(mm)	3750*1350*4100
Supporting power(hp)	30hp tractor
Main motor(kw)	7.5 /11/15kw 6 grade
Drilling diameter(mm)	200-600
Drill rod mode	60/73/89

### MAIN FEATURE

01 Tractor positive circulation well drilling rig adopts hydraulic telescopic rack, which effectively reduces the walking height and makes the movement more convenient. It is suitable for different terrains such as soil, sand, cobblestone, and some rock layers.

02 Tractor pneumatic wells drilling machine is applicable to civil engineering drilling, geothermal drilling, with large diameter and deep drilling footage, fast, mobile and flexible, wide use of regions advantages, combined the advantages of drilling machine and tractor.



### APPLICATION FIELD

Tractor forward and reverse circulation drilling rigs are widely used in ground source heat pump air-conditioning wells, dewatering wells, civil draft wells, small pile foundations, farmland irrigation motor wells, acoustic testing pipes, cable wells, factory wells, domestic water intake, installation of water air conditioners , Solar water heaters, construction site piling, etc.

