

HW3/160 CRAWLER WATER WELL DRILLING RIG

HW3/160 series deep water well drilling rig uses full hydraulic control, and the top drive to drive the rotation of drilling tools with very high drilling efficiency. Reasonable overall layout uses the tractor-mounted or full ground chassis for transportation with good maneuverability. Very flexible in rough roads and can be widely used in many fields such as resource exploration.(hydrology wells, coaled methane, shallow layer of shale gas, terrestrial heat etc. and can also be used for coal-mine gas exploitation or salvage work.)



MAIN FEATURE

- 01 Compact structure of the whole machine with small dimension meets the requirement of Drilling in limited space and tunnel transportation.
- 02 With two optional drive modes of the drive unit , the drilling rig has a wide adaptability of strata.
- 03 Extendable mast(or optional box-type mast) is adopted to meet the requirement of long casing drilling construction, which improves the working efficiency.
- 04 Integrated visualized pressure feeding system can regulate the drilling pressure accurately according to the drilling depth.
- 05 With the configuration of 4 hydraulic supporting legs, it can realize rapid horizontal adjustment and transportation without crane.
- 06 Rotational centralizer provides extensive operating space.
- 07 Optional external floating spindle increases 30% service life of drill stem thread.



Main technical parameters

Model	HW3/160	Gyrator pressure(kn)	35
Drilling diameter(mm)	Ø89- Ø254	Drilling head max.torque(N.m)	6600
Drilling depth(m)	≤300	Max. speed(r/min)	95/190
Drill rod diameter(mm)	Ø76,Ø89, Ø102	Max. dismantle torque(N.m)	18000
Rated power(kw)	92	Max.pressure(Mpa)	8
Max. lifting capacity(kn)	160	Walking speed(km/h)	2.4
Max.feeding capacity(kn)	80	Drill rig working dimension(mm)	3980*3130*6500
Stroke(mm)	3800	Drill machine transport dimension(mm)	4450*1800*2400