

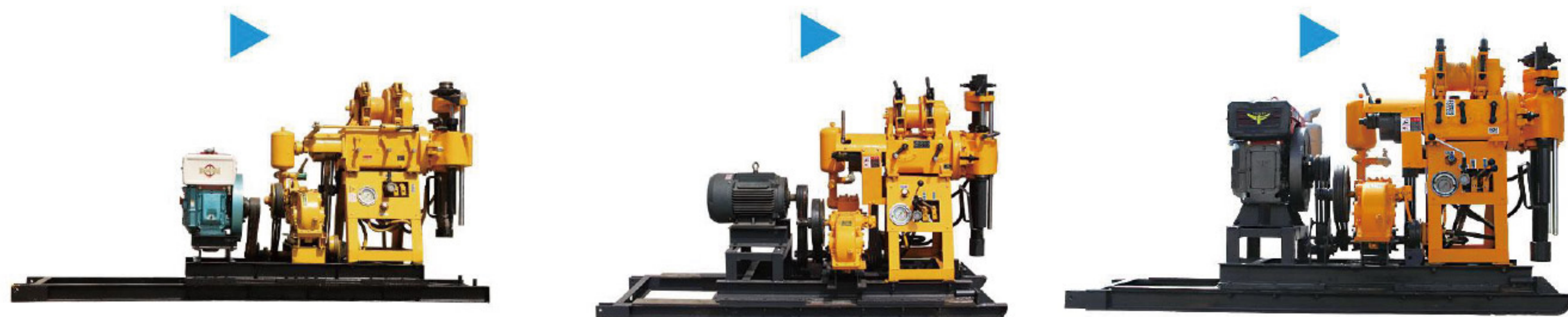


HW(160/190/230) HYDRAULIC DRILLING RIG

HW series hydraulic drilling rig is a portable rig with wide application. It is suitable for water well drilling, geological survey, core drilling, small grouting holes and blast holes in railways, water conservancy, bridges, dam foundations and other buildings. Diamond, composite pieces and alloy drills can be used for drilling according to different strata.

MAIN FEATURE

- 01 With hydraulic automatic feed mechanism, improve drilling efficiency and reduce labor intensity.
- 02 Adopt ball card clamping mechanism or hydraulic chuck, which can realize the non-stop reversing rod, easy to operate, safe and reliable.
- 03 Equipped with hole bottom pressure design, easy to grasp the situation in the hole.
- 04 The structure is compact, the handle is concentrated, the occupied area is small, the weight is light, the decomposition is strong, and it is easy to move. Suitable for plain or mountain operations.



Main technical parameters

	Model	HW-160/160YY	HW-190/190YY	HW-230/230YY
Machine parameters	Drilling depth(m)	160	190	230
	Open hole dia. (mm)soil/rock	500/220	500/220	500/273
	End hole dia. (mm)	75	75	75
	Drill rod dia. (mm)	42 50	42 50	42 50 60
	Drill angle (°)	90-75	90-75	90-75
	Matching engine power (kw)	13.2	13.2	15
	Weight without engine (kg)	600/740	620/750	880/970
	Machine dimension (L*W*H) (mm)	2400*800*1300	2400*800*1400	2700*900*1500
Spindle	Speed (r/min)	142/285/570	130/300/480/730/830/1045	64/128/287/557
	Stroke (mm)	450	450	450
Winch	Single rope lift force (kg)	2000	2100	2500
	Single rope lift speed (m/s)	0.41-1.64	0.35-2.23	0.12-0.95
	Rope dia. (mm)	φ9.3	φ9.3	φ12.5
Drill mast	Rope capacity(m)	27	27	35
	Rated load (t)	18	18	18
Mud pump	Height (m)	6.5	6.5	6.5
	Flow (L/min)	95	95	145
	Max. pressure (Mpa)	1.2	1.2	2
	Back and forth (times/min)	93	93	93
	Inlet hose dia. (mm)	51	51	51
	Outlet hose dia. (mm)	32	32	32