

XY-3 HYDRAULIC DRILLING RIG

XY-3 series drilling rig is a medium depth spindle core drilling machine mainly used for diamond drilling and able to meet the needs of various drilling process. Either the electric engine or the diesel one can be used. It is simple in structure, easy to dismantle and to operate as well. This drilling machine features is small size, light weight, easiness to disassemble, good layout, flexible and reliable operation and easy maintenance.

MAIN FEATURE



1. The rig is equipped with latest MW525 car transmission assembly. It owns 10 forward gears and 2 reverse one. The gear speed is reasonable to meet the needs of different drilling technology.



2. The drilling rig is with large output torque and bearing capacity, which makes it easier to handle a variety of underground accidents. The mechanical transmission structure is compact. The spindle diameter is 96mm. The bearing distance is big. Its rigidity is high.



3. The hydraulic system system controls the feeding pressure and speed to meet the needs of all kinds of formation drilling. The machine is equipped with the pressure indicator at the bottom of the hole, which makes it easier to grasp the situation inside the hole.



Main technical parameters

Model	XY-3	Speed (r/min)	32-1057
Drilling depth(m)	600	Stroke (mm)	600
Open hole dia. (mm)	325	Single rope lift force (kg)	3000
End hole dia. (mm)	75	Single rope lift speed (m/s)	3000
Drill angle (°)	90-75	Wire rope dia. (mm)	0.3-1.9
Matching power (kw)	YUNNEI YN27/39	Wire rope capacity(m)	Φ12.5
Weight (kg)	1800	Rated load (t)	65
Dimension (L*W*H) (mm)	2600*900*1750	Effective height (m)	18(Optional)