



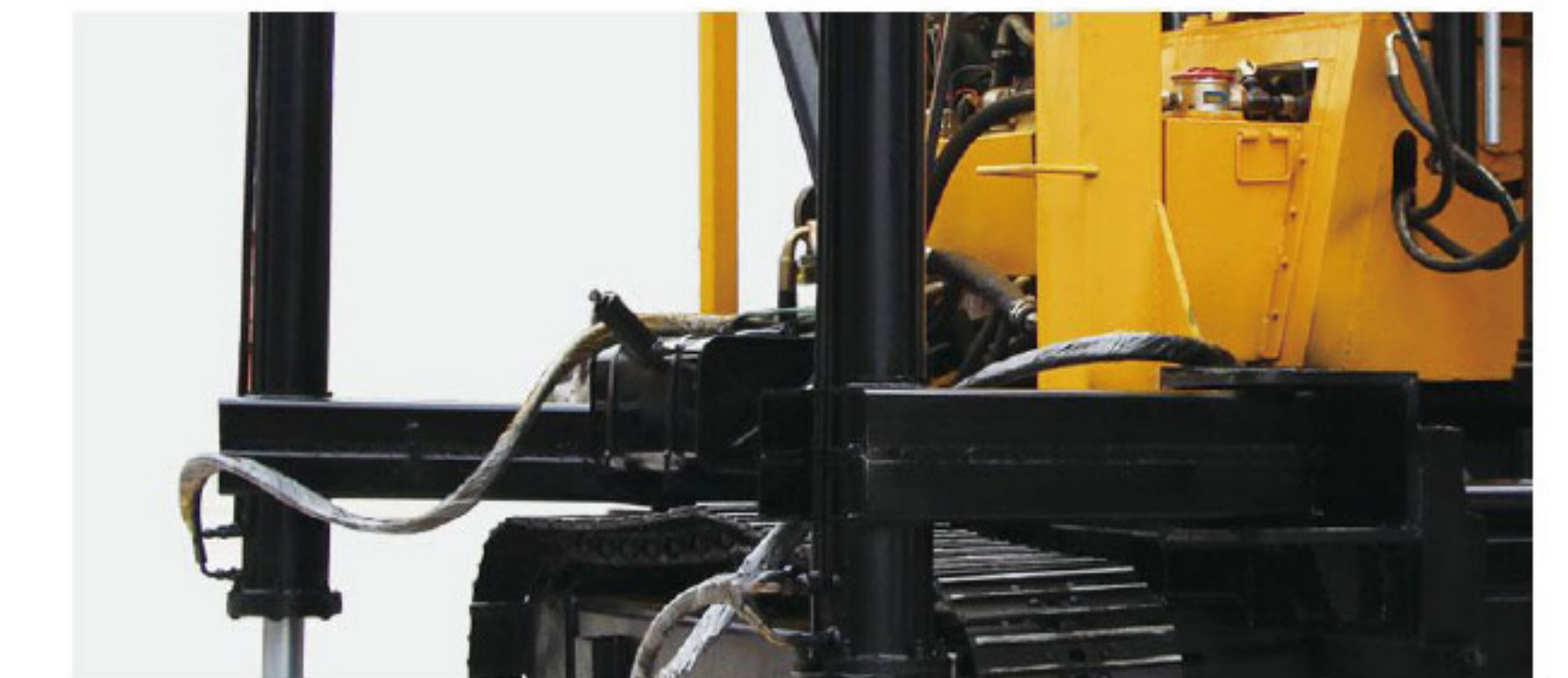
XY-3L HYDRAULIC DRILLING RIG

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.

Main technical parameters

Model	XY-3L	Dimension(L*W*H)(mm)	4500*2000*2700
Drilling depth(m)	600	Spindle speed (r/min)	32/1057
Open hole dia. (mm)	325	Spindle stroke (mm)	600
End hole dia. (mm)	75	Single rope lift force (kg)	4500
Drill angle (°)	90-75	Single rope lift speed (m/s)	0.3-1.9
Matching power (kw)	YUNNEI 27/39	Wire rope dia. (mm)	Φ12.5
Weight (t)	7	Wire rope capacity(m)	65
Effective height (m)	6.5	Rated load (t)	18

MAIN FEATURE



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

The hydraulic 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

The drilling rig 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.

This drilling machine features is small size, light weight, easiness to disassemble, good layout, flexible and reliable operation and easy maintenance.