

# XY-3C TRUCK MOUNTED HYDRAULIC DRILLING RIG

XY-3C truck-mounted drilling rig is a kind of truck-mounted drilling rig designed to meet the needs of high-speed, high efficiency and high mobility. The machine is reasonable in structure, simple in operation, convenient in maintenance and convenient in transportation, and no need to lift by crane after it is transported to the site. It is suitable for geological survey exploration, basic exploration of roads and high-rise buildings, and various concrete structure inspection hole, river embankments, subgrade grouting hole and direct grouting, civil water wells and ground temperature central air conditioning.



## MAIN FEATURE

- 01 Truck-mounted drilling rigs are hydraulic spindle rotary drilling rig.
- 02 XY-3C uses Qingdao Sailong medium truck chassis, drilling rig and mud pump are installed on the chassis, Reasonable and compact layout, easy to operate
- 03 Configuring BW-250 mud pump, high pressure, big flow, it ensures drill depth and diameter.
- 04 Drilling rig self-equipped with mobile devices, drilling rig can be achieved move back and forth, and it is convenient for well head operation.
- 05 Drilling rig tower hydraulic up and down and automatic telescopic drilling tower, safe and convenient operation.



## Main technical parameters

Model	XY-3C	
Drilling depth( m )	30-600	
Drilling hole dia. (mm)	300-75	
Drilling angle (° )	90-75	
Spindle speed (r/min)	30-1050	
Spindle stroke (mm)	600	
Max winch lift capacity (kg)	3000	
Main winch steel wire capacity(m)	65	
Reel lifting speed (m/s)	0. 3-1.9	
Steel wire dia. (mm)	12.5	
Drilling tower height ( mm )	6500	
Weight without engine (kg)	1800	
Diesel engine	Yunnei YN27	
Rated power (kw/rpm)	39/2400	
Mud pump	BW-250	
Car chassis	Model	(CA1167PK2L2E4A80) New Sailong
		medium truck
	Drive type	4*2
Engine	Model	BF4M2012-16E4
	Emission standard	GB3847-2005, GB17691-2005 IV
	Rated power (kW)	121