



Piling Machinery

XSC30/1200 XSC Series Water Well Drilling Rig



- **Product Category:** Resource Exploration Machinery
- **Brand:** XCMG
- **Model:** XSC30/1200
- **Price:** \$100000.00-\$1000000.00 / EA
- **Delivery Time:** 1-90DAYS
- **Supply Capacity:** 1-500UNITS / Year
- **Product Origin:** China
- **After-sales Service:** Engineers available to service machinery overseas.

Product Feature of XSC30/1200 XSC Series Water Well Drilling Rig

XSC/XSL 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 all terrain chassis for transportation with good maneuverability.

Very flexible in difficult roads, it can be widely used in many fields such as resource exploration of hydrology wells, coalbed methane, shallow layer of shale gas, terrestrial heat, etc., and can also be used for coal-mine gas exploitation or salvage work.

The top-mounted driving head principal shaft has a great drift diameter, which is suitable for many kinds of construction work such as slurry drilling, air drilling, and air foam drilling, meeting the demands of well-drilling in different terrain strata.

Performance Characteristics:

1. With good travelling performance, which adapts to severe road conditions such as muddy road, sand, snowfield, upland etc.
2. Reduces the wearing of the drill stem thread, and increases service life of the drill stem. Adapt to the reverse circulation construction.
3. Ensures good drilling performance and improves working efficiency.
4. Reduces the number of workers and work intensity on the job site.
5. With no shock when start and stop, the control is highly accurate and energy-efficient.
6. Realizes loading and unloading drill stem without assistance of workers and reduces work intensity.
7. Insulates the noise and dust of the job site efficiently and improves operating environment greatly.

Parameters of XSC30/1200 XSC Series Water Well Drilling Rig

Parameter		Unit	XSC30/1200
Drilling capability	Drilling depth	m	3000(φ114)
	Max. diameter of working floor	mm	φ820
Feeding system	Max. lifting capacity	kN	1200
	Max. feeding capacity	kN	260
	Max. lifting speed	m/min	30
	Max. feeding speed	m/min	60
	Stroke	mm	15240
Top drive	Max. torque	N.m	27500/18300
	Max. speed	r/min	120/180
	I.D	mm	φ105
	Floating distance	mm	100
	Max. tilting angle	°	85
Deck engine	Type		CAT C18
	Rated power	kW	571
Tool winch	Hoisting capacity	kN	50
Breakout device	Max. breakout torque	N.m	95000
Mud pipe	I.D	mm	φ76
	Max. pressure	MPa	35
Chassis	Rated power	kW	327
	Highest speed	km/h	80
	Max. climbing gradient	%	45
Working dimension		mm	14680*5184*(13800~21400)
Transportation dimension		mm	14200*2550*4000
Weight		t	55