



Piling Machinery

XSC5/280 XSC Series Water Well Drilling Rig



- **Product Category:** Resource Exploration Machinery
- **Brand:** XCMG
- **Model:** XSC5/280
- **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 XSC5/280 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.

Road Condition Adaptive Intellective All-terrain Off-road Chassis Multi-axle steering intelligent control and multi- steering mode provide flexible steering and small steering diameter. Hydro-pneumatic suspension with good travelling performance, which adapts to severe road conditions such as muddy road, sand, snowfield, upland etc.

Full Hydraulic Top-drive Output port adopts floating device, which effectively reduces the wearing of the drill stem thread, and increases service life of the drill stem. Spindle has a strong slag discharge capacity through its large drift diameter, which makes it especially adapt to the reverse circulation construction.

Parameters of XSC5/280 XSC Series Water Well Drilling Rig

Parameter		Unit	XSC5/280
Drilling capability	Drilling depth	m	500(φ89)
	Max. diameter of working floor	mm	φ500
Feeding system	Max. liting capacity	kN	280
	Max. feeding capacity	kN	120
	Max. lifting speed	m/min	39
	Max. feeding speed	m/min	57
	Stroke	mm	7000
Top drive	Max. torque	N.m	11000
	Max. speed	r/min	143
	I.D	mm	φ76
	Floating distance	mm	100
	Max. tilting angle	°	85
Deck engine	Type		QSB6.7-C220
	Rated power	kW	164
Tool winch	Hoisting capacity	kN	50
Breakout device	Max. breakout torque	N.m	22000
Mud pipe	I.D	mm	φ76
	Max. pressure	MPa	8
Chassis	Rated power	kW	220
	Highest speed	km/h	96
	Max. climbing gradient	%	54
Working dimension		mm	10200*3600*112500
Transportation dimension		mm	12000*2500*4200
Weight		t	23