



# Piling Machinery

## XSL12/600 XCL Series Deep Well Drilling Rig



- **Product Category:** Resource Exploration Machinery
- **Brand:** XCMG
- **Model:** XSL12/600
- **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 XSL12/600 XCL Series Deep Well Drilling Rig

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.

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. Mature and reliable hydraulic top drive power head with large bearing capacity and good sealing effect.
2. The gap adjustable telescopic drill collar can meet the requirements of long casing construction and has high work efficiency.
3. Unique hydraulic matching technology for high system efficiency.
4. Integrated visualization pressurizes and pressurize decompression feed system for fine adjustment of drilling pressure according to drilling depth.
5. Four hydraulic high supporting legs are provided to achieve rapid leveling of the rig without lifting.
6. The swing-type centering device provides a wide working space when working.

### Parameters of XSL12/600 XCL Series Deep Well Drilling Rig

| Item                          | Unit  | Parameter     |
|-------------------------------|-------|---------------|
| Drilling capability           | -     | -             |
| Drilling Depth                | m     | 1200(Φ89)     |
| Max.diameter of working floor | mm    | Φ500          |
| Feeding system                | -     | -             |
| Max.lifting capacity          | KN    | 600           |
| Max.feeding capacity          | KN    | 160           |
| Max.lifting speed             | m/min | 31            |
| Max.feeding speed             | m/min | 45            |
| Stroke                        | mm    | 5000          |
| Top drive                     | -     | -             |
| Max.torque                    | N . M | 20000/10000   |
| Max.speed                     | r/min | 70/140        |
| I.D                           | mm    | Φ105          |
| Floating distance             | mm    | 60            |
| Max.tilting angle             | °     | /             |
| Deck engine                   | -     | -             |
| Type                          | -     | YCA08260-T301 |
| Rated power                   | KW    | 191           |
| Main winch                    | -     | -             |
| Hoisting capacity             | KN    | 50(Optional)  |
| Tool winch                    | -     | -             |
| Hoisting capacity             | KN    | 15            |
| Breakout device               | -     | -             |
| Max.breakout torque           | N . M | /             |
| Vise clamping range           | mm    | /             |
| Foam pump                     | -     | -             |
| Max.flow                      | L/min | 35            |
| Max.pressure                  | Mpa   | 4             |
| Mud pipe                      | -     | -             |
| I.D                           | mm    | Φ76           |

|                          |      |                 |
|--------------------------|------|-----------------|
| Max.pressure             | Mpa  | 8               |
| Chassis                  | -    | -               |
| Drive mode               | -    | Crawler chassis |
| Rated power              | kw   | /               |
| Highest speed            | km/h | 3               |
| Max.climbing gradient    | %    | 39              |
| Working dimension        | mm   | 6450×3290×9420  |
| Transportation dimension | mm   | 9100×2250×3030  |
| Weight                   | t    | 18              |