

# *Make-up/Break-out & Test Equipment*

## ● Hydraulic Jar Tester

The hydraulic jar tester is a necessary tool to test tensile strength and pressure performance of jars, shock absorber, jar intensifiers. It also can test the strength of thread connection. The hydraulic jar tester is designed and manufactured by integrating the advanced technology from same equipment abroad. Advantages such as easy and steady operation, big push/pull tonnages, high safety feature.

### **Technical Parameters for SYJ150 type Hydraulic Jar Tester**

1. Motor power: 15KW. Speed: 1460r/min.
2. Max. working pressure: 25MPa.
3. Oil tank volume: 400l.
4. Working medium: 30# abrasive hydraulic oil.
5. Testing length: 1m-10m.
6. Oil cylinder stroke: 1m.
7. Max. pushing force: 150 tons.
8. Max. pulling load: 130 tons.

## ● Hydraulic Bucking Unit

The hydraulic bucking unit is an important equipment for make-up/break-out, repairing all kinds of tools for petroleum and geological prospecting industries. The hydraulic bucking unit is designed and manufactured on the basis of the advanced technology from same equipment abroad. It owns some advantages such as high automatic function, big make-up/break-out torque, wide pipe diameter range, no sliding when make-up/break-out. Meanwhile, it also has good function for quick make-up/break-out, axial pulling. The bucking unit has got good reputation from customers abroad and well exported to many countries and regions.

### Technical Specifications and Parameters

	Motor Power(KW)	Pipe Dia. (mm)	Max. make-up torque(KNM)	Max. break-out torque(KNM)	Pipe.dia for quick make-up /break-out(mm)	Motor Speed(rpm)	Max. working pressure(MPa)	Quick make-up/ break-out torque(KNM)	Max. tons for push/pull cylinder(KN)	Stroke for push/pull cylinder(mm)
YXQ16II-320	15	Ø73-310	115	168	Ø73-340	1500	12	2.5-4.0	150	1500
YXQ16II-400	15	Ø73-390	150	180	Ø73-340	1500	12	2.5-4.0	150	1500

## ● Downhole Motor Tester

The downhole motor tester is a special equipment for testing sealing performance of new or repaired downhole motor so as to provide features of downhole motor and scientific evidence which will decide the possibility for downhole motor to be run in hole. The tester is considering of body, water supplying system, hydraulic system and control system. The downhole motor tester is designed on basis of advanced features of same equipment abroad. With some advantages such as high automatization, easy operation, wide range of use, the downhole motor tester has already obtained favorable comment from the customers.

### Technical Parameters for LMST-II Downhole Motor Tester:

1. Body motor power: 75KW
2. Motro power for hydraulic pump: 11KW
3. Driving rotation speed: 40rpm
4. Applicable drill tool size: Ø89-245
5. Water supply system working pressure: 8 MPa
6. Max. working pressure for hydraulic system: 20 MPa