



BETTER Drilling Fluid Equipment Industrial Limited
E-mail: sales@drillingfluidequip.com
Skype: betterdrilling2008
Tel: +86-534-5737702
FAX: +86-534-5340516
<http://www.drillingfluidequip.com>



Customer Service

BETTER Drilling Fluid Equipment Industrial Limited provides a diverse range of centrifugal mud pump & parts, mud system & fluid control equipments and accessories to support drilling operations. All BETTER's products include some of the best known brands in the oil & gas industry, with high quality standards of API/ISO and best price.

The customer is the most important person in our business and we will provide quality products and customer satisfaction to support the business going smoothly and constantly.

CENTRIFUGAL PUMP & PARTS

Centrifugal Slurry Pump & Parts (Equivalent to Warman AH, HH, L, M, G)

BETTER centrifugal slurry pumps are suitable for delivering and pumping mill slurry and dewatering equipment solutions for mining and mineral processing, power sector, metallurgy, fertilizers, chemical, dredging and heavy duty industrial application.

Single-stage, single-suction, cantilevered, horizontal, high efficiency, wear resistant, stable performance, WARMAN pump replaced parts are available.



Centrifugal Mud Pump (Equivalent to NOV Mission Magnum series)

BETTER's Centrifugal Mud Pumps as proven delivers reliable performance, better longevity, and cost savings compared to other centrifugal mud pumps made in China. Size ranges from 3x2x13; 4x3x13; 5x4x14; 6x5x11; 6x5x14; 8x6x11; 8x6x14; 10x8x14 to 14x12x22.



Centrifugal Pump Package

BETTER offers its pumps mounted on skid packages horizontal electric, vertical electric, close coupled electric, horizontal diesel, overhead belt and side belt, and wired with starters, if so desired.



Replacement Pump Parts (Mission Magnum, 2500 Supreme, Halco 2500)

The equivalent or same materials are selected to guarantee the unified quality. Including Impeller, Casing, Shaft, Shaft sleeve, Shaft packing, Mechanical seal, Housing, outboard & inboard bearings, and other parts.



High-chrome Liner & Zirconia Ceramic Liner

- High chrome iron & Ceramic-zirconia sleeve material
- Outer shell is made of 45#forged steel
- With HP lip design
- Hardness of high-chrome liner \geq 62HRC
- Hardness of ceramic liner \geq 89HRC
- Smooth surface finish
- High pressure drilling application



Fluid End Module and Accessories

(Interchangeable with OEM Gardner Denver, National, Oilwell, Emsco, Bomco, Ideco, Gaso, Wirth, Weatherford, Brewster, HongHua, Wilson, Wheatley, Lewco, Massarenti, OPI and MUDKING)

Our modules are made of high alloy steel, heat treated and forged under strict testing procedure, conform to API 7K standard, up to 7500 psi working pressure.

Miscellaneous pump parts

Piston rods, Extension rods, Clamps, Gaskets, Oil seals, spring, Valve seat puller assembly, Pulsation dampener & bladder, and mud pump bearings, etc.



PISTONS

- Replaceable Rubber Piston Assembly
 - Bonded Urethane Piston Assembly
 - Bonded Rubber Piston Assembly
 - Double Action Piston Assembly
- 4 types of pistons are designed to be fully interchangeable with other API designed pistons, to withstand abrasive drilling fluid, perform in high pressure and high temperature conditions, in either water or oil based mud system. Compatible with 1 1/2" and 1 5/8" piston rods.



VALVE AND SEATS

- Cross Arm type/Stem Guide type/4 web type/Supreme
- Full open type/Roughneck type/G2 type
- Forged alloy steel designed to API standard, with deep carburized wear surface, precision machining, and combining the excellent urethane insert or rubber inserts, which provide the long service life in the severe drilling conditions.



**FLUID END PARTS
MUD PUMP**

SHALE SHAKER & SCREENS

Shale Shaker Screens

- Composite Frame Screen
- Steel Frame Screen (PTC)
- Pyramid Screens (PMD)
- Hook Strip Flat Screens (PWP)

Advantages:

- *Compliant to API RP13C;
- *Stainless steel mesh & carbon steel or composite material frame;
- *Compatible with OEM Derrick, Brandt Cobra NOV, MI-Swaco, Fluid System, Kem-tron;
- *Triple layer screens design.



Shale Shaker(First-class)

With the advantages of high vibration intensity, large screen area, adjustable discharge angle during drilling, simple compact structure and cost effective.

Tandem, triple combination shale shaker available.

Linear motion and balanced elliptical motion as optional.



Desander (Second-class)

Desander is the second class equipment in the solid control system, usually 8", 10", 12" will be adopted for separating >47 μ m particle.



Desilter (Third-class)

Desilter is usually used after desander to eliminate the harmful solid particles of 15-44 μ m, and the usual cones are 4", 5".The quantity of cones will be decided according to the treating capacity requirement.



Mud Agitator

Compact structure, light weight, transmission balance, low noise, high efficiency and strong capability. The reducer adopts turbine worm single reduction gear. Rigid shaft designed to offer variable lengths. Shaft stabilizer, customized impeller diameter available



Mud Gun

With simple structure, flexible operation, easy using, to make use of high speed drilling fluid flow to prevent precipitation. To mount on the drilling mud tank roof; Dividing into high pressure and low pressure;



Mud Hopper

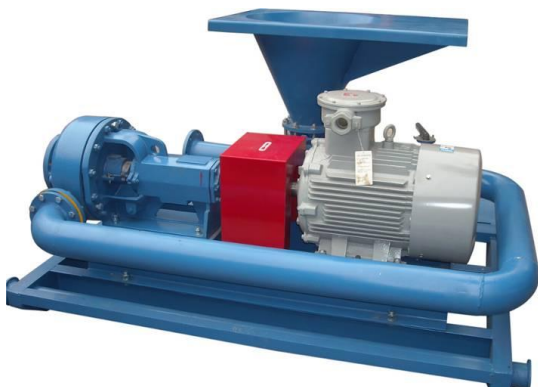
Rotational flow mixing technology, with good mixing effect, quick filling of material, and no-blockage; To fill betonies and barite into drilling liquid quickly in order to be adapted to complicated drilling process.



Jet Mud Mixer

Used to adjust drilling fluid density, viscosity, acid and alkali property, etc. And to work with shear pump together, it will perform effectively.

- Venturi tube and original jet nozzle combination design
- Double jet mud mixer could be designed



MUD CLEANING EQUIPMENTS

FLUID CONTROL EQUIP ACCESSORIES

Mud Pressure Gauges (Equivalent to Cameron Oteco D & F)

Type D:
7-5/8 inch dia. dial case and 14-3/4 inch in height
Pressure range: 0-6,000 psi
Standard end connection: 2 inch NPT female

Type F:
4-7/8 inch dia. dial case and 9-7/8 inch in height.
Pressure range: 0-20,000 psi
Standard end connection: 2" NPT male



Mud Gate Valves and Butterfly Valves (Equivalent to Cameron, Demco, Oteco)

BETTER Drilling Fluid Equip. could offer you some popular mud gate valves and butterfly valves, which are designed, conform to API 6A standard.

Application:

Mud pump line, standpipe manifolds, oil and gas pipelines, abrasive drilling mud system, corrosive water flood lines, cementing services, wellheads



Mud Tank Union/Air Grip Union/Air Tube

Applying in drilling fluid pipelines, mud tank connecting lines, and mud suction line and return line, with features of low-pressure, large pipe size, big pipe misalignment, frequent installation and uninstal.



Metal Sealing/ Ring Joint Gaskets

BETTER could supply a full size of ring joint gaskets, which are widely used in Christmas tree, Gate valve, pipeline fittings, flange, and wellhead assembly. All our gaskets are manufactured according to API 6A/ISO.

R-series, RX-series, BX-series, IX-series



Rotary Slips & Safety Clamps

(Equivalent to NOV Varco, Baash Ross and Woolley)

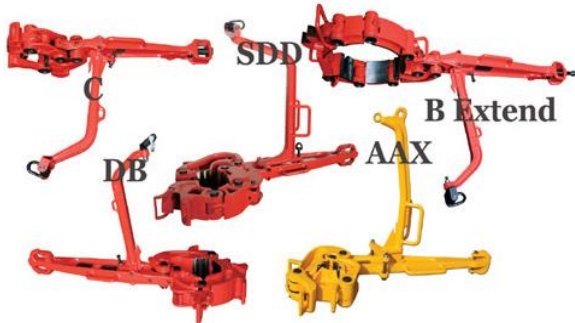
- Type SDS, SDML, SDXL drill pipe slips
- Type B drill pipe slips
- Type DU, DUL drill pipe slips
- Type DCS drill collar slips
- Type A drill collar slips
- Type CMSXL casing slips



Manual Tongs

(Equivalent to NOV VARCO BJ style, Web Wilson)

- SDD/HT-100 Manual Tongs
- DB/HT-65 Manual Tongs
- SB/HT-55 Manual Tongs
- B Extended /HT-55 Casing Manual Tongs
- C/HT-35 Manual Tongs
- F/HT-20 Well Servicing Manual Tongs
- AAX Manual Tongs
- WWB Manual Tongs



Elevators

(Equivalent to NOV Varco/BJ)

- Bottleneck center latch / MG, RG, MGG, GG, HGG
- Square shoulder center latch / TA series
- Slip Type Elevators / YT, MYT, HYT, YC, MYC, HYC
- SJ / SP single joint elevators



Tong dies & inserts

Cold molding, machined teeth, 20CrMnTi, hardness of 58-62 HRC, phosphation surface. Pyramid, Plain, Coarse and Blue Diamond tooth types are available.

Popular size:

- 1/2"x 1.1/4"x 5" 16401-2/16401-6
- 1/2"x 1.1/4"x 5 7/8" 16402-2/16402-6
- 1/2"x 1 1/4"x 3 7/8"



Stabbing Guides



**HANDLING TOOLS
TONG DIES & INSERTS**