Rental Solutions
Downhole Tools & Tubular Handling
Downhole Tools

Dosco is delivering perfected high-performance downhole tools for drilling, torque reduction and drag resistance improvement. Operators throughout the world rely on these special tools to improve the efficiency and lower the total cost of drilling and production programs. Downhole tools are the most important part of the drill string and they are all available at Dosco in a wide variety and sizes, as following:

**Downhole Motors**

Downhole motors are engineered and designed for durability and consistency as they provide additional power to the drill bit. They offer different rotor and stator configurations to provide optimum performance while drilling and they have the capacity to drill large-sized holes used by larger rigs.

Our Mud Motors are proven to operate in extreme drilling conditions. They increase the rate of penetration and can therefore reduce drilling times.

- **Starting from 3 1/8" up to 9 5/8"**

**Shock Tools**

Shock tools are used to reduce bit bounce and increases rate of penetration and bit life under the toughest drilling conditions.

Shock Subs are designed for a wide range of drilling environments and extreme conditions. Shock Subs improve the life and durability of your drill string assembly, improving online efficiency and operating costs.

The Shock Tools are designed for easy assembly and easy service. They can be combined into drill strings with other downhole tools quickly, and can be detached, reducing service time and costs. The Shock Tools are mainly recommended to be used when drilling with roller cones rock bits in hard formations and especially for the surface section where these axial vibrations can be transmitted up to the surface with destructive impact on the surface equipment, especially on the top drive.

- **Starting from 4 3/4" up to 12"**

**Slide Reamers**

Traditionally, drilling, conditioning and reaming were separate phases of a drilling project. The slide reamers we offer integrates these phases seamlessly. The cutting structure on the slide reamer is designed to maintain 360 degrees contact. Cutters rotate independently throughout the movement, reducing rotary torque and drag by up to 20% (when compared to running a drill string without a slide reamer).

Slide reamers can be included in the drill string for multiple drilling applications. Our Slide Reamers are used for vertical, directional and horizontal holes eliminating drift or deviation in wellbore applications.

- **Starting from 5 7/8" up to 17 1/2"**

**Regulator**

Today's drilling applications are becoming more challenging with deeper, longer and more complex wells being drilled faster than ever before. One challenge is keeping the hole clean while drilling, which is achieved with higher flow rates. These flow rates are limited by the power sections on the motors and quite often lead to premature failure due to over-pumping.

The Regulator employs a variable size exit orifice to actively moderate the flow that goes through the motor continuously – extra fluid is vented out the side. The exit orifice is controlled by a valve that measures the flow entering the motor. The valve mechanism responds in milliseconds so that flow to the motor is always regulated.

- **Starting from 2 1/8" up to 6 1/2"**
Drilling jars and Accelerators
Drilling Jars remain one of the most versatile, reliable and safe assembly systems in the oilfield industry. They are designed for a wide range of drilling applications to meet the demands of high-temperature, extreme and extended use during drilling procedures. They have a longer stroke length, which increases the oil flow in the top of the tool, creating greater jarring impact without additional pulling on the drill string. Pressure compensation ensures pull accuracy, zero pressure differential and increased seal life.

Accelerators used in conjunction with the Hydraulic or Hydro-Mechanical Drilling Jar combines the advantages of up-or-down or up-and-down motion with hydraulic fluid for maximum jarring impact. This harder-hitting advantage provides as much as two times the impact provided by competitors’ tools. When used in conjunction with the Hydraulic Drilling Jar the Accelerator replaces or supplements pipe stretch.

- Starting from 4 3/4” up to 9 1/2”
- Hydromechnical and Dual-hydraulic accelerators available

PBL Tools
PBL Tools - Multiple Activation Autolock Bypass Systems is a simple, reliable tool enabling increased BHA circulating rates and TFA (Total Flow Area) when required. The PBL Multiple Activation Bypass System was primarily developed to enable the pumping of aggressive LCM pills and increase circulating rates during drilling operations. Additionally, the PBL Bypass System has proven to be beneficial in completion and workovers applications, proving most effective when it is imperative to have a clean wellbore.

- Starting from 2 1/8” up to 12”

Bit Subs with or without Float Valves
Bit subs without or with float valves (Float Subs) are making the connection between the drill bit and drill string. If required Dosco will also supply the float valves which ensure one way circulation for the drilling mud preventing its return when stop pumping.

- For any API connections and from API to HT Connections

Stabilizers
Stabilizers are all spiral, integral blade which permit increased weight on the bit without the deviation problems associated with high weight on bit. The result is an increased rate of penetration and reduction of drill collar friction and torsional fatigue.

- Types of stabilizers are: String Stabilizers (SST) or Near Bit Stabilizers (NBST).
- All standard sizes from 5 1/2” up to 26”

AST (Anti Stall Tool)
The AST is the latest and most innovative invention in regards to optimized drilling performance. Less of an absorber and more of an active traction control system. The AST is placed right above the drilling bit and controls all weight and torque sent to the bit from surface and actively takes over all parameters peaks by continuously maintaining them at optimized rates preventing stalling and accumulation of excess torsional energy in the string.

The AST can be placed also above the MWD or non magnetic portion of the BHA and is recommended to be used with PDC based reamers. The tool is effectively reducing vibrations and provides a longer bit life while increasing the ROP bringing indisputable value to the drilling operation.

- Starting from 1 11/16” up to 9 1/2”

Crossovers
Between any API Connection and from API to HT Connections
The company’s strategy is focused on establishing long-term relationships beneficial for all parties, instead of getting immediate profits from sales.

### Tubular Handling

Handling tools play a major part in any modern drilling operation. They are used for suspending, moving and rotating tubulars in and around the center on the drill floor. Handling your tubular can be a tricky business, Dosco makes sure you have equipment that is durable and makes handling it a walk in the park.

Although the majority of these tools are used to dynamically suspend and move tubulars in a vertical direction, some tools such as the single joint elevator, serve a wider array of function by moving tubulars from and to vertical position.

Handling Tools such as tongs, spinners and torque wrenches are used in make-up and break-out applications. Finally, handling tools are often used in rotary functions. The manual tongs, drill pipe slips, casing slips, drill collar slips and elevators are designed and manufactured to API 7K and API 8C standard, with strict quality control and inspection before delivery.

**We offer a wide range of Tubular Handling Tools**

- Elevators
- Elevator Links & Bails
- Tongs
- Rotary Slips
- Safety Clamps
- Dies & Inserts
- Bowls & Slips
- Spinning Wrenches
- Bushings
About Dosco

Dosco has more than 35 years’ experience of providing our customers with rentals, supplies and services within the Oil & Gas industry. We strive to always fulfill the needs of our customers and focus on long-term relationships beneficial for all parties.

Dosco offers services for Oil & Gas drilling wells and exploration, production tests, work over jobs and environment protection. Dosco can also offer high-qualified personnel within this industry and all the related fields of activity.

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