



## Fishing Division

Our **Product** is our **Service**

English

# What we offer

**Dosco's Fishing Division is established to provide the Fishing Sector within the Oil & Gas industry the best tools and services to which work-over has grown accustomed to.**

Dosco's Fishing Division provides a full line of cased hole and open hole tools run by experienced supervisors - proven to be among the best in the business. Dosco Petroservices developed technically advanced mills designed to be used on the toughest milling operations getting the best results in a minimal amount of time.



**The Fishing Division provides the Oil & Gas industry with a complete line of Tools and Services, including:**

- Internal and external wellbore tubular catching
- Professional milling services
- Large range of mills
- Wash-over tools
- Hydraulic fishing jar services
- Internal hydraulic casing cutting equipment
- Wellbore clean out services
- Side-track systems

Dedicated to the same standards of safe working environment, quality tools and superior services, the Fishing Division greatly enhances the ability to service customers around the clock, **seven days a week.**





# Our Tools



## Taper Mills

Designed specifically for milling through tight spots in tubular. Taper Mills are recommended for cleaning out liners, tubing and other collapsed or deformed tubulars. Available in sizes ranging from 3 <sup>7</sup>/<sub>8</sub>" up to 8 <sup>1</sup>/<sub>2</sub>".

## Viper Mills

Ideal for milling internally or externally plugged tubular fish, having yielded runs of up to 180 feet of tubing per mill (milling 180 feet of 4 <sup>1</sup>/<sub>2</sub> inch, 12.6 lb/ft tubing). Available in sizes ranging from 3 <sup>7</sup>/<sub>8</sub>" up to 8 <sup>1</sup>/<sub>2</sub>".

## Cement Mills

Designed for light milling, such as float collars, plugs, bridge plugs and retainers. Available in sizes ranging from 3 <sup>7</sup>/<sub>8</sub>" up to 8 <sup>1</sup>/<sub>2</sub>".

## String Mills

Ideal for cleaning out damaged casing, liners or tubing and it stabilizes the milling assembly. String Mills are also recommended for removing keyseats in open hole. Available in sizes ranging from 3 <sup>7</sup>/<sub>8</sub>" up to 8 <sup>1</sup>/<sub>2</sub>".

## Super Junk Mills

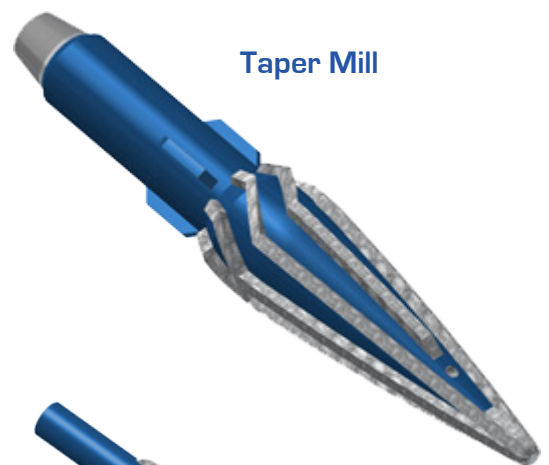
Dressed with high quality tungsten carbide to ensure optimum performance in every application. Available in sizes ranging from 3 <sup>7</sup>/<sub>8</sub>" up to 17 <sup>1</sup>/<sub>2</sub>".

## Impression Blocks

Used to determine the position and condition of the top of a fish or junk in a well. Impression blocks feature a steel body with the lower end fitted with a block of soft material, typically lead.

## Junk Magnet

Used to retrieve small, oddly-shaped debris with magnetic properties that could adversely affect the tool's performance. Junk Magnets are frequently run before the use of diamond tools. Available for all hole sizes.



Taper Mill



String Mill

## Reverse Circulation Junk Basket





### **Itco-Type Releasing Spear**

Internally engages and retrieves drill pipe, casing, tubing or any other tubular with up to the 8 1/2" inside diameter on 360 degree surface. It is built to withstand severe jarring and pulling strains. Heavy-duty versions of the spear can be used with pulling tools for maximum performance.

### **150FS Overshots**

Designed to engage, pack off and retrieve tubular lost in hole. It is especially suited to retrieve parted drill pipe and drill collars. Available in four different configurations: Full Strength (FS), Semi Full Strength (SFS), Slim Hole (SH) and Extra Slim Hole (XSH) to cover a range of external catch fishing requirements.

### **Casing Scrapers**

Used to remove paraffin, hardened mud, cement or burrs resulting from tool runs or perforations from the inner surface of tubulars. Casing scrapers are particularly useful for cleaning up the casing before setting a packer. Casing Scrapers are available in a wide range of casing sizes.

### **Reverse Circulation Junk Baskets**

The Reverse Circulation Junk Basket produces a circulating force that is capable of scavenging the most oddly shaped items from the hole bottom, including bit cones, slip inserts, tail chains, junk shot remnants and other small debris. The RCJB can easily be converted to a conventional core basket by removing the jet components and attaching the junk retaining assembly directly to the top sub.

### **Boot Baskets**

Boot Baskets are useful in drilling and milling operations to catch debris that is too heavy to circulate out of the hole. The boot basket traps junk by producing a sudden decrease in annular velocity after the cuttings pass the larger OD of the boot to reach the smaller OD of the body. Boot Baskets are available in a wide range of sizes to run with most bottom hole assemblies.

### **Safety Joints**

Provide an additional level of protection against a stuck fish securing the entire fishing string into the wellbore by acting as a positive releasing mechanism in the event that the catch tool cannot be released. Safety joints are available for washover, drilling and fishing applications. Safety joints are designed to withstand high torsional, axial and impact loadings.

### **Washover Shoes**

Washing over is an effective method of freeing stuck pipe in the well bore, by cutting away and circulating out obstructions hindering the pipes movement. Dosco offers an array of washover shoes and pipes to suit in 5 1/2" and 7" casings, mainly for WO operations. Shoes are dressed on on the inside or outside diameter at customer demand, depending on application and are made from material of at least N-80 grade.



### Hydraulic Actuated Internal Pipe Cutters

Provides a proven and reliable method for severing single or multiple strings of casing. Three heavy-duty cutter arms dressed with crushed carbide are capable of completing a cutout in most weights and grades of casing, conductor pipe and marine riser. Available in a range of sizes for cutting pipe from 4 1/2" up to 30".

### Bumper Sub

The Bumper Sub allows the operator to bump down (or up) to disengage the fishing tools. The Bumper Sub's robust design and materials quality ensure reliable performance in the harshest downhole environments. Bumper Sub's are available in a wide range of casing sizes.

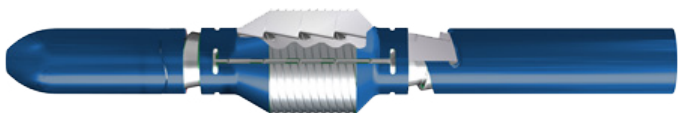
### Hydraulic Fishing Jar

Combines optimal impact characteristics with high-endurance construction to provide reliable fishing performance in harsh downhole environments. Tool seals are temperature rated up to 500 Fahrenheit (260° C) and pressure rated up to 20,000 psi (1378 bar). The temperature compensation system in the detent area permits prolonged jarring without loss of impact force. Available for casing from 4 1/2" up to 9 5/8".

### Hydraulic Fishing Accelerator

Improves jar impact, provides a supercharged blow directly above the fish and absorb the axial vibrations to the surface, protecting the top drive. Used in conjunction with the Hydraulic Fishing Jar, the Hydraulic Accelerator Tool maximizes jar impact about 1.5x regardless of depth, because it can either replace pipe stretch as the energy source in shallow holes, or supplement the pipe stretch energy in deeper wells.

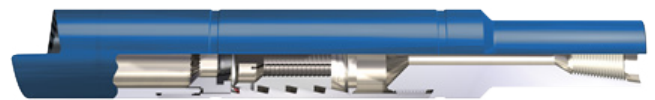
### Itco-Type Releasing Spear



### Casing Scraper



### 150FS Overshot



### Boot Basket





## 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.

## Contact Information

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