

STABILDRILL

STEP UP THE PACE  
**DOWNHOLE**

[WWW.STABILDRILL.COM](http://WWW.STABILDRILL.COM)

# THERE IS NO SUBSTITUTE FOR FIELD EXPERIENCE.

**NOT GRADUATE DEGREES. NOT JOB TITLES. NOT CONNECTIONS, CORPORATE AFFILIATIONS OR EVEN TECHNOLOGY. WHEN IT COMES TO CLEARING OBSTRUCTIONS QUICKLY WHEN THE PRESSURE IS ON, HANDS-ON OPERATIONAL EXPERIENCE IS EVERYTHING. AND WE'RE HERE TO HELP.**

Our team understands the applications, complexities, variety, consequences and sheer frustration at hand with fishing work. We consult with fishing experts and the seemingly limitless variety of specialized tools they need every day. That's why we're better equipped to give you what you need. Armed with in-depth experience, we can help accelerate recovery times and bring more confidence to any situation.

## ▶ GET WHAT YOU REALLY NEED.

Our experts can advise you on the best tool for your specific problem, and even suggest refinements and innovations regarding tool design.

## ▶ SPEED EVERYTHING UP.

With extensive inventory and tools staged near key basins, you can access the tools you need ASAP to help minimize NPT.

## ▶ KNOW EVERYTHING WILL WORK

Stabil Drill maintains and repairs its tools the right way, insists on demanding quality protocols and performs precision work for bulletproof assurance.

## ▶ GET THE LATEST AND GREATEST

From everyday subs, extensions, mills and cutters to specialized tools for unusual jobs—we offer you the best possible tools available.

## ▶ REACH SOMEONE WHEN NEEDED

The well won't wait. That's why our team stays available and responsive to keep you on track and working the problem.



# DON'T LET ANYTHING STAND IN YOUR WAY.

STABIL DRILL MAKES MORE THAN JUST TOOLS. WE ALSO MAKE IT EASIER FOR YOUR TEAM TO GET THE JOB DONE, AND STRENGTHEN OPERATOR RELATIONSHIPS, IN THE FACE OF PRACTICALLY ANY DOWNHOLE OBSTACLE.

Our comprehensive in-house capabilities deliver more flexibility, accountability and reliability to the manufacturing of fishing tools. From specialized requests to the basics such as quality materials sourcing and rigorous inspection protocols, we can help you make it happen for the customer.

And off-the-shelf capabilities are just the start. We can also deliver custom designs and sizes to tackle the most unusual downhole applications, including custom-made knives for multi-string cutters and section mills.



TOOLS UP TO 16-FEET LONG



ABILITY TO TURN AN O.D. OF UP TO 30-INCHES



PRECISION MILLING



ZINC PHOSPHATING



PRECISION HARDFACING

## ► SUBS & EXTENSIONS

- X-over, Float & Bit
- Pump Out / Pump In
- Drain Sub
- Screw-In Sub
- Pony Collar
- Spear Extensions
- Pup Joints
- Wash Pipe Accessories
- Safety Joints
- Stop Subs, Deepwater or Standard

## ► MILLING & CUTTING

- Marine Cutters & Knives
- Pilot and Section Mills
- Junk, Concave & Bi-Center type Mills
- Piranha & Deep throat Cement Mills
- Tapered & String Mills
- Washover/Rotary Shoes & Top Bushings
- Dress Off Guides & Cones
- Non-Rotating Stabilizers
- Fixed Blade Stabilizers

## ► FISHING TOOLS

- Box & Pin Taps
- Overshot Accessories
- Top Subs, Extensions & Guides
- Spear Pack Off Assemblies
- Bleeder Plugs (Steel or Plastic)
- Boot Type Junk Basket

## ► MISCELLANEOUS TOOLS

- High Pressure Pack Off Assemblies (Tubing Patch)
- Drifts
- Hooded Bushings for Casing Tie Back
- Casing Swages
- Tools Made to Order by Your Design

# MILLS THAT PAY THE BILLS

HELP OPERATORS STAY THE COURSE AND MINIMIZE NPT WITH STABIL DRILL'S EXTENSIVE SELECTION OF MILLS. ALL STABIL DRILL MILLS ARE MADE FROM HIGH-QUALITY 4140-45HT, 110KSI WITH FULL TRACEABILITY AND CLEAR INSPECTION BY SPECIALIZED EXPERTS.



## ▶ TOOTH TYPE/JUNK MILL

This combo junk and cement mill lets you mill away stuck fish you just can't get with conventional tools. Also used to dress off downhole tools including packers, bridge plugs, tubing and similar objects. Available in a variety of tooth and blade configurations.

**SIZE RANGE:** 3-1/8" O.D. to 26.0" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Smooth O.D. or Rough/Open Hole O.D.  
**CONNECTIONS:** 2-3/8" Regular to 7-5/8" Regular Pin Up



## ▶ CONCAVE OR CONEBUSTER

Deploy this mill when it's important to keep junk such as bit cones centered in the hole during milling operations.

**SIZE RANGE:** 3-1/8" O.D. to 35" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Smooth O.D. or Rough/Open Hole O.D.  
**CONNECTIONS:** 2-3/8" Regular to 7-5/8" Regular Pin Connection Up



## ▶ WATERMELON/STRING MILL

Tapered top and bottom to allow reaming both up and down, this specialized tool lets you mill through collapsed casing and liners like a champ. A bottom-side connection allows you to run a stinger below.

**SIZE RANGE:** 3-3/4" O.D. to 30.0" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Smooth O.D. or Rough/Open Hole O.D.  
 Dressed to Run Pin Connection Down  
**CONNECTIONS:** 2-3/8" regular to 7-5/8" regular also  
 3-1/2" I.F. to 4-1/2" I.F.  
 Box by Pin Connections



## ▶ LONG TAPERED MILL

Used when milling through collapsed casing, tight spots or other downhole obstructions including liner tops and whipstock windows. This tool can also be run as a pilot in section milling ops.

**SIZE RANGE:** 3-3/8" O.D. to 22.0" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Offered in Smooth O.D. and  
 Rough/Open hole O.D.  
**CONNECTIONS:** 2-3/8" Regular to 7-5/8" Regular  
 Pin Connection Up

## ▶ PIRANHA MILL

This aggressive mill is used for milling already cemented pipe, and anywhere there are large amounts of junk demanding a mill that operates with max life and circulation.

**SIZE RANGE:** 3-1/4" O.D. to 26" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Smooth O.D. or Rough/Open Hole O.D.  
**CONNECTIONS:** 2-3/8" Regular to 6-5/8" Regular Pin  
 Connection Up

## ▶ DEEP THROAT CEMENT MILL

Designed for maximum speed and circulation, the three-blade Deep Throat Cement Mill is used when milling cement with smaller bits of debris.

**SIZE RANGE:** 3-1/2" O.D. to 10-5/8" O.D.  
**DRESSING:** Crushed Tungsten Carbide  
 Smooth O.D. or Rough/Open Hole O.D.  
**CONNECTIONS:** 2-3/8" Regular to 7-5/8" Regular Pin  
 Connection Up

## ▶ T-BONE PILOT MILL

With interchangeable blades you can swap without welding, the T-Bone minimizes downtime and lets you push forward. This is your mill for casing that can't be pulled.

**SIZE RANGE:** Cuts 6-1/2" Casing to 21-1/2" Casing  
**DRESSING:** 6-sided Carbide Inserts  
**CONNECTIONS:** 2-3/8" Regular to 6-5/8" Regular Pin  
 Connection Up

# HIGH-PRESSURE PACK OFF ASSEMBLY

AVAILABLE IN ALL OVERSHOT SIZES, THIS VERSATILE TOOL LETS YOU PATCH, GET THROUGH OR MOVE AROUND THE PROBLEM QUICKLY EVEN IN HIGH PRESSURE. EASY TO ASSEMBLE AND DEPLOY IN THE FIELD, THIS SIMPLE DESIGN MAKES LIFE EASIER FOR FIELD TEAMS EVERY DAY.



**BOWL**  
Houses bi-directional V-ring seals and bronze rings. Specify standard 275-degree/5,000psi V-ring seal or Viton™ high-performance fluoroelastomers for H<sub>2</sub>S or high-temp applications 400-degree/10,000psi.

**WANT TO ROLL WITHOUT THE BOWL?**  
Nix this component for a streamlined overshoot assembly to locate on tubing for wireline runs.

**TOP SUB**  
Screws easily into the HPPO Extension, with a special bore under the pin that acts as a tubing locator.

**EXTENSION**  
Stays stable for the pack-off seals and aligned for wireline tool passage thru ID that's 1/8-inch larger than tubing being packed off.

**OPTIONAL**  
Want to bring more control to your high-pressure situation? Add an optional overshoot bowl with mill control packer and guide that latches onto the fish to pull or anchor.

**GUIDE**  
Design allows for guide or overshoot to go over fish/tubing easily to eliminate complications. Available in oversized or flush O.D.

# OTHER FISHING-RELATED TOOLS BY STABIL DRILL

## ► STA-MAG IN-LINE DOWNHOLE MAGNET

These tools are designed to be ran in-line with milling/cutting tools, section mills and whipstock operations. The Rare Earth magnets help remove all cutting debris made during these operations and bring them out of the hole keeping your wellbore clean.

**SIZE RANGE:** 3-1/4" to 8" O.D.

**DRESSING:** Loaded with Rare Earth Magnets in Stainless Steel Tubing

**MAGNET O.D. OF TOOL CONNECTIONS BOX BY PIN:** 3-1/4" and 3-1/2" O.D. Tool W/ 2-3/8" Regular Box by Pin

4-3/4" to 5" O.D. Tool W/ 3-1/2" I.F. Box by Pin

6-1/2" to 7" O.D. Tool 4-1/2" I.F. Box by Pin

8" O.D. Tool 6-5/8" Regular Box by Pin

**BODY MATERIAL:** 4145HT, 110K MYS. Every Tool has Full Traceability and Clear Inspection.

## ► STABIL DRILL MARINE CUTTERS: NOT JUST MULTI-STRING, MULTI-STRONG

Go strong with this marine-grade, multi-string cutter. Stabil Drill Marine Cutters engage reliably, hold strong and cut quick for performance that gets the job done. Available in both 2-blade and 4-blade designs; tubing reamer/cutter also available.

**SIZE RANGE:** 3-1/8" to 11-3/4" O.D.

**DRESSING:** 2-blade or 4-blade

**CONNECTIONS:** 3-1/8" to 3-1/2" O.D. Tool, 2-3/8" Regular Connections

4-1/4" O.D. Tool 2-7/8" I.F. Connections

5-3/4" O.D. Tool 3-1/2" I.F. Connections

8-1/4" and 11-3/4" Tool 6-5/8" Regular Connections

or Per Customer Request

## HOW CAN WE HELP?

Need a fishing tool you didn't see in this brochure? Want an unconventional size or design? We're on it. Just tell your Stabil Drill rep or email [houma\\_sales@stabildrill.com](mailto:houma_sales@stabildrill.com) and let us know what you need. Because helping you tackle the problem through strength, integrity and innovation is what we're all about.

Version 1

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