



RapTr-X Asymmetric Whipstock System

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Our current operations

Odfjell Technology delivers a comprehensive range of fishing, milling, and abandonment services worldwide.

With a highly skilled and experienced fishing team, the company operates across diverse environments, from deep-water drillships to shallow desert wells, ensuring efficient and effective solutions for complex well challenges.

All equipment is maintained and inspected to the highest industry standards, guaranteeing reliability and performance in every operation. The company specializes in packer milling and retrieving, bridge plug milling and retrieving, open hole and workover fishing, section and casing milling, casing cutting and cementing, under-reaming, and casing exit operations using whipstocks.

Beyond routine services, Odfjell Technology provides contingency fishing solutions globally, supports multiple plug and abandonment (P&A) operations, and has a proven track record in whipstock deployments, reinforcing its position as a trusted leader in well intervention and abandonment.

Odfjell Technology holds contracts and performs Remedial and Abandonment operations in Romania, Continental Europe, Kuwait, Turkmenistan, and Malaysia. The company is also in the process of establishing operational bases for Remedial and Abandonment in Norway and the UK.

Following the acquisition of intellectual property through McGarian TDC, Odfjell Technology now owns the rights to specific tools and equipment used by a third party. The company continues to support and supply these tools and equipment under this arrangement.

Next-generation whipstock systems

Odfjell Technology presents the next generation of whipstock systems, designed with benefits of 40 years' experience to meet the increasing demands of slot recovery market.

The Odfjell Technology whipstock offers a unique Asymmetric concave feature on the whip face, designed to:

- Guide the mill in the centre of the whip face
- Eliminate thinning or excessive wear of the right-hand edge
- Maintain well trajectory by significantly reducing the right-hand walk while exiting the window

We offer the following systems:

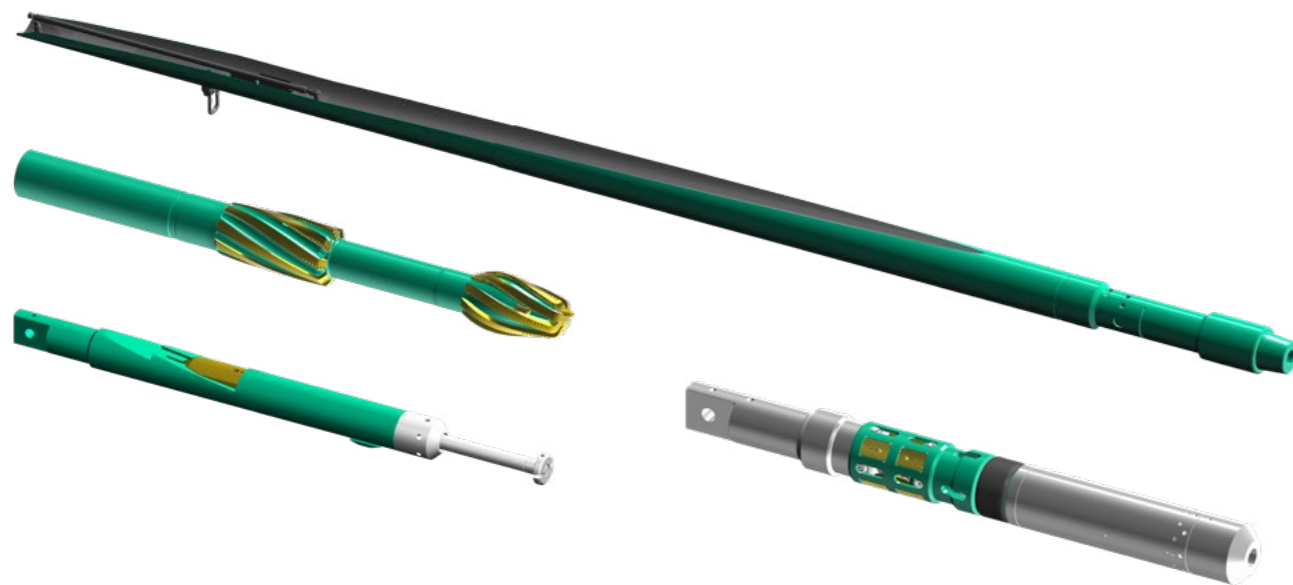
- RapTr-X for standard cased hole sidetrack
- RapTr-XL for extended length windows
- RapTr-XO for open hole sidetrack

RapTr-X Asymmetric Whipstock System

The RapTr-X Asymmetric Whipstock System is designed for creating short to medium-length windows. It features a dual mill configuration with an optional upper mill and offers flexibility in selecting mechanical or hydraulic set anchors and packers.

Features:

- Size range: From 7" to 20"
- For short to medium length window
- Selection of 2,5 and 3 degree concave
- Dual Mill configuration, single body for up to 12 ¼" OD mill assemblies
- Lead and follow mill configuration for 17 ½" OD mill assemblies
- Option for an upper mill added to the bottom hole assembly (BHA)
- Mechanical set anchor or hydraulic set retrievable or permanent packer





**Innovation.
Performance.
Reliability.**

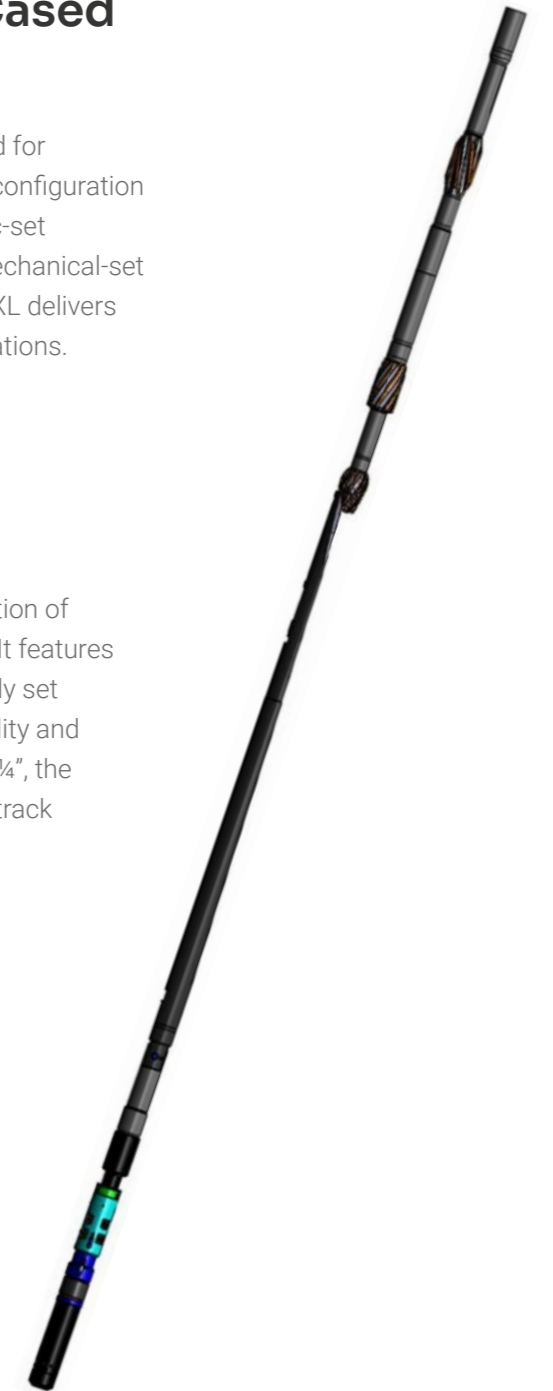
Enhanced Configuration Systems

RapTr-XL Asymmetric Whipstock Cased Hole System

The RapTr-XL Asymmetric Whipstock is a cased hole system designed for extended-length windows, featuring a 2-degree concave and a tri-mill configuration for optimal milling performance. It offers versatility with both hydraulic-set retrievable and permanent packer options, as well as an alternative mechanical-set anchor. Engineered for casing sizes ranging from 7" to 14", the RapTr-XL delivers reliable and efficient casing exit solutions for complex wellbore applications.

RapTr-XO Asymmetric Whipstock Open Hole System

The RapTr-XO is designed for open-hole side-tracking, offering a selection of concave angles at 2, 2.5, and 3 degrees to optimize trajectory control. It features a dual or tri-PDC bit configuration for efficient milling and a hydraulically set high-expansion anchor with an open-hole slip segment, ensuring stability and secure placement. Engineered for hole sections ranging from 6" to 12 1/4", the RapTr-XO delivers a reliable and effective solution for challenging sidetrack operations.





Casing Exit Technologies

Hydraflow™ Advanced Wellbore Cleaning System

The Hydraflow™ Advanced Wellbore Cleaning System (HAWCS) utilizes a high flow rate combined with lower pump pressure to optimize Riser & BOP cleaning efficiency.

FEATURES

- The 16" OD High-Flow Sleeve features 12 offset large TFA ports designed to clean the riser wall and effectively penetrate the BOP cavities to clear and flush out debris.
- Nine upward-angled large TFA ports are arranged along the body to help reintroduce debris into the flow path, allowing it to be carried upward to the surface.
- An optional integral pup joint is available for easier handling.
- An optional Lower Bull Nose or Pin Down connection to accommodate various applications.

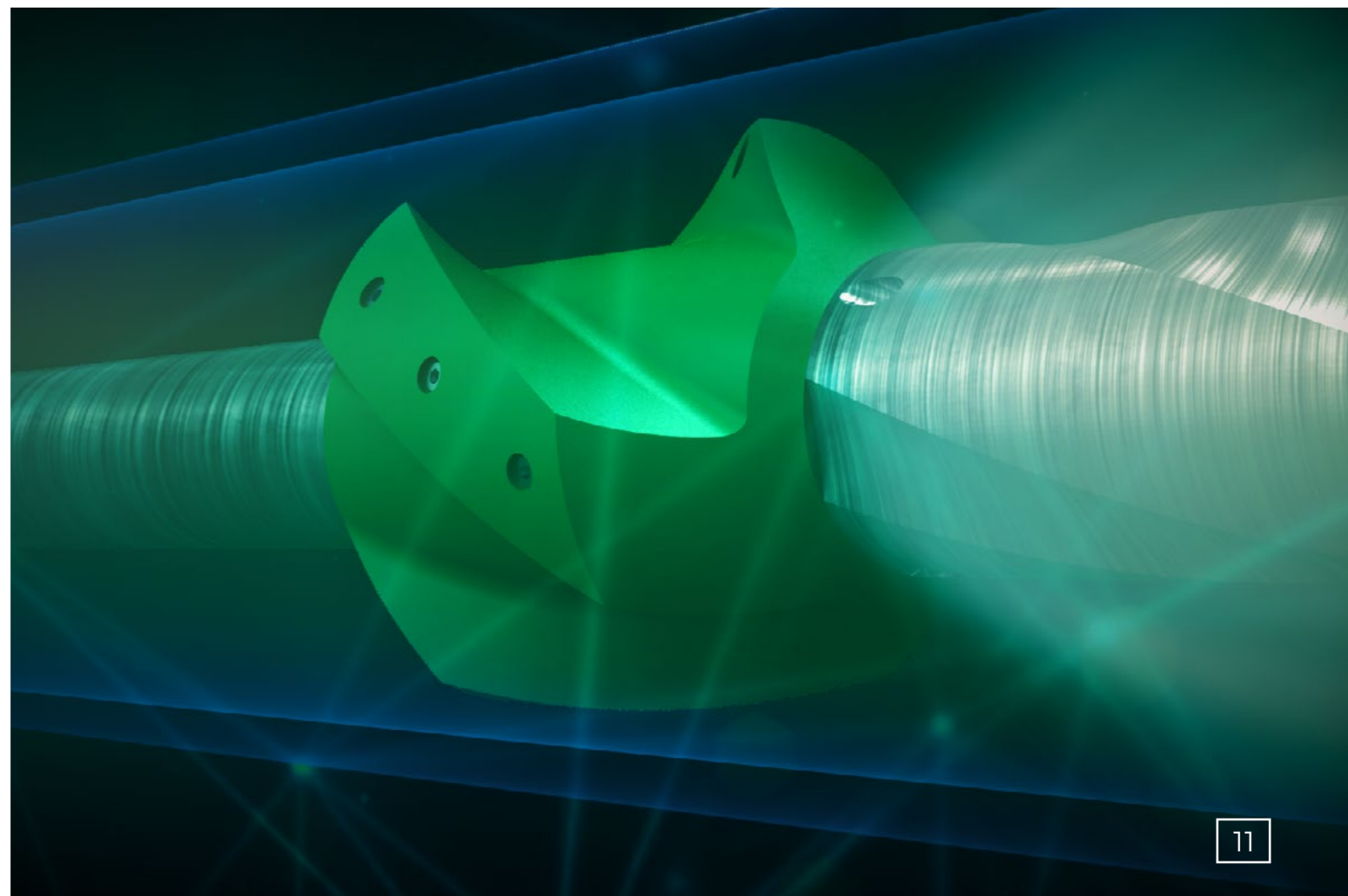
Casing Exit Technologies

UltraMag™ HD Casing Magnet

The UltraMag™ HD Casing Magnet is a highly robust, high-capacity casing magnet with free-rotating upper and lower centralisers. It can be run individually or modularly as part of the OTL Wellbore Clean-Up System and can suit any casing size and drill pipe combination.

FEATURES

- Three longitudinal ribs housing rows of high-strength and temperature resistant Rare Earth magnets
- Excellent bypass area and debris retrieval capability
- Debris is securely kept within the longitudinal ribs for retrieval at the surface
- Optional non-rotating Upper & Lower Centralizers providing centralisation and minimise casing and tool wear while improving magnet efficiency





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