JAMESON OIL TOOLS

JOT Oilfield Services LLC



# Leading

## Oil & Gas Equipment

## Supply & Service Company in UAE







# Leading **Oil & Gas Equipment** **Supply & Service** Company in UAE

JOT Oilfield Services LLC is committed to providing superior service and fostering partnerships worldwide with clients, vendors, employees, and social organizations. Our founders gained extensive experience working with multinational oil companies, drilling contractors, and local business partners of different levels. JOT always prioritises customer requests.

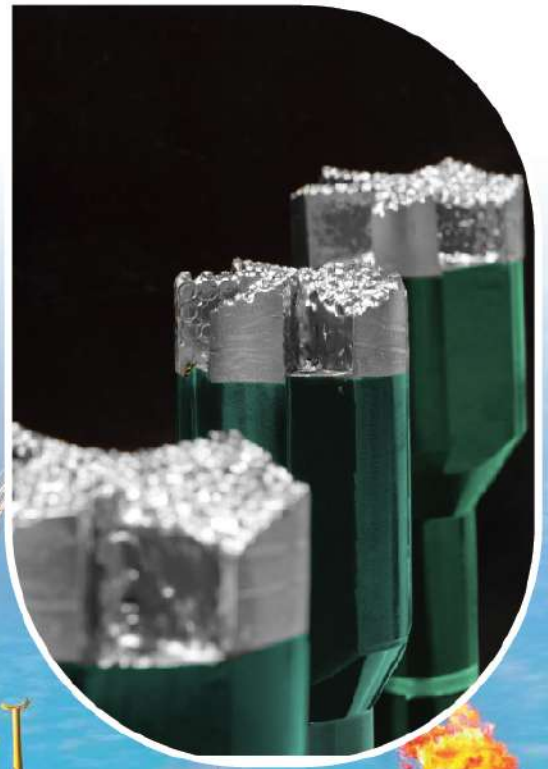
The team JOT comprises competent and highly qualified professionals with a solid educational background, extensive training, and practical experience. This includes Welding Engineers, QA/QC Engineers, ASNT Level 2 Inspectors, Certified Welding Inspectors, skilled coded welders, carbide redress welders, hard-facing welders, and Operators. Trust JOT for reliable and skilled execution of jobs for our diverse range of clients.

**In Partnership with**

مؤسسة حتا للتجارة والخدمات
Since 1992 منذ
Hatta Trading & Services Est.

30+ Years of excellence
Since 1992

Established **long-standing partnership** with ADNOC





**1000+**
Projects **Completed**

**100+**
Satisfied **Clients**



## Our Core Activities

01

### Downhole Products Manufacturing, Services & Sales

We prioritise collaborative problem-solving mechanisms, ensuring innovative and practical solutions from project inception to completion.

02

### PDC Drill Bit Refurbishment

Utilises advanced technologies and provides hard-facing solutions tailored to meet every drilling challenge with top-tier quality treatments.

03

### Welding & Related Services

JOT Welding offers high-quality welding solutions for diverse industries, using advanced technology and techniques for precise and safe operations.

## About Us

JOT Oilfield Services LLC is dedicated to providing outstanding service and fostering strong partnerships with clients, vendors, employees, and social organisations globally. With extensive experience, JOT founders collaborated with various multinational oil companies, drilling contractors, and local businesses worldwide. Regardless of the scale of the request JOT prioritises the client. Competent staffs including: Engineers, QA/QC Inspectors, ASNT Level 2 Inspectors, Certified Welding Inspectors, CNC/Conventional Lathe and Milling Operators, Cylindrical Grinding Operators, qualified coded welders, carbide redress welders, hard-facing welders, or Operators are equipped with the necessary education, training, and experience to efficiently execute tasks for the clients.

While JOT Oilfield Services LLC products and services consistently meet industry standards, the most vital service offered is collaborative problem-solving, innovatively and practically, from conception to completion. JOT realises this holistic approach and adds value to clients' services and project management processes from Upstream to Downstream. Technologies are utilised to achieve tangible, real-world outcomes.



## Why Choose Us



- The expertise of highly skilled professionals.
- Skilled Team delivers efficient solutions.
- Value-Added Quality Services.
- Flexible and Time-Bounded Solutions.

## Our Speciality

- Global partnership with multinational companies, and drilling contractors.
- Expert team with highly skilled professionals.
- Holistic approach focusing on the Upstream to Downstream solutions.
- Unparalleled Client support system.



## Mission

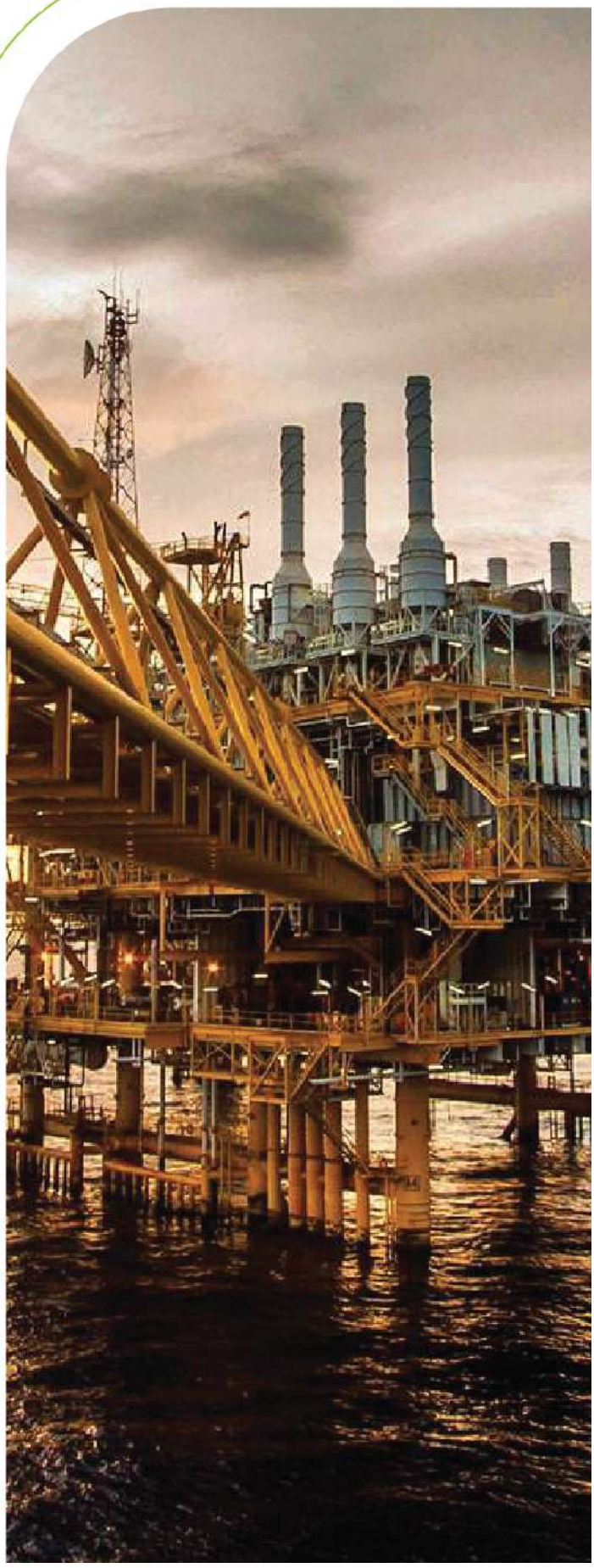
To provide outstanding service, prioritise client needs, and add value by utilizing advanced technologies to achieve tangible, real-world outcomes in all aspects of oil field services.

## Vision

JOT's vision is to be a global leader in the oil industry. We are renowned for our commitment to exceptional service, innovative problem-solving mechanisms, and holistic approaches to our clients' operations from Upstream to Downstream.

## Values

JOT values integrity, excellence, innovation, and client satisfaction, driving every aspect of our operations and interactions with stakeholders worldwide.



## Code of Conduct

We require that all our employees conduct themselves according to the highest standards of ethics, integrity, and behavior when dealing with our:

- Customers
- Employees
- Other stakeholders

This includes full compliance with all legal obligations required by any source of law.

**The policy must be complied with the following:**

Our policy establishes the standards of behavior that must be met by all employees. If these standards are not met, then we will take appropriate disciplinary action.

If the breach involves serious misconduct, then it may result in summary dismissal. If breaching of any law, then we will notify the relevant government authorities or the police.



# Anti-Bribery Policy

- Conduct all our business in an honest and ethical manner.
- JOT take a zero-tolerance approach to bribery and corruption and are committed to acting professionally, fairly and with integrity in all our dealings wherever we operate.
- JOT is committed to implementing and enforcing effective systems to counter bribery.

Applies to all individuals working at all levels and grades, including senior managers, directors, employees (whether permanent, fixed-term or temporary), consultants, contractors, and any other person providing services to us.

A bribe is a financial or other advantage offered or given to:

- Anyone to persuade them to or reward them for performing their duties improperly or.
- Any public official with the intention of influencing the official in the performance of duties.

This policy does not prohibit giving and receiving promotional gifts of low value and normal and appropriate hospitality.

Employees are encouraged to raise concerns about any issue or suspicion of malpractice at the earliest possible stage. No employees will suffer any detriment as a result of raising genuine concerns about bribery, even if they turn out to be mistaken.



## Infrastructure

Discover our robust infrastructure that drives excellence in oil and gas equipment supply and services in the UAE.




### CNC Machining

Oil Country CNC lathe with 355mm spindle bore and 3200mm Bed length with 1000mm swing over the bed.

### CNC Milling

SHW 4.5 Axis Milling Machine with 4200mmx 1500mm bed with spiral milling options. Controlled by Heidenhain Operating software.






### Radial Drilling Machine

Universal type radial drilling machine with drilling and tapping capacity of up to 60mm.



## Cylindrical Grinding Machine

A Churchill Brand cylindrical grinding machine with 4000mm bed and up to 22" grind OD. Can be used for grinding of Mills, Stabilizers, PDC bits etc..

## Conventional Lathe Machine

Conventional oilfield lathe machines with 14" bore and 3000mm long bed.





## Band Saw Cutting Machine

JOT band saw cutting machine can cut the material up to 14" Dia.



## Quick Fix – The Insert Fixing Machine

Quick Fix premium Hardfacing technology for HF3000.

## Gasflux

Creates superior wetting action and encourages filler metal to evenly flow into the brazing surface where it is needed most to protect Tungsten carbide & inserts from overheat.





## Bit Positioner

JOT Bit positioner is specially designed for various sizes of drill bits.

## Our Services

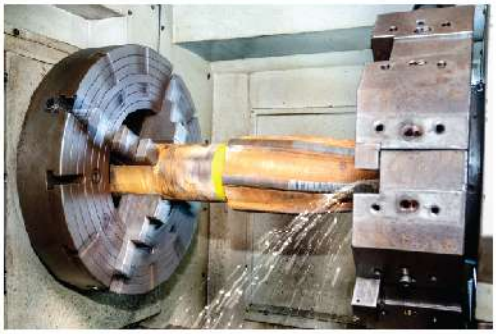
Discover JOT's premier hard-facing processes, delivering unparalleled resilience and top-tier quality treatments tailored to every drilling challenge. We provide the finest wear-resistant coatings for a wide range of downhole tools. Our services include hard surfacing featuring tungsten carbide inserts, tungsten powder applications, and diamond products. Trust JOT for superior durability and performance in all drilling conditions.

- Machine Shop Services
- Hard Facing of Stabilisers & Motor Sleeves
- Dressing of Milling Tools
- PDC Bit Refurbishment
- Welding Services
- Fabrication
- Inspection Services



## Machine Shop Services

JOT Provides various machine shop services that can Manufacture and repair a wide range of Down Hole Tools and accessories Extensive stock of oilfield specification steel. JOT is located inside a compound which has a covered warehouse space of more than 20000 SQFT in the industrial city of Abu Dhabi, UAE. Facility is accredited to ISO IMS system which is capable of delivering oil and gas machining services like turning, boring, drilling, milling and API threading's.

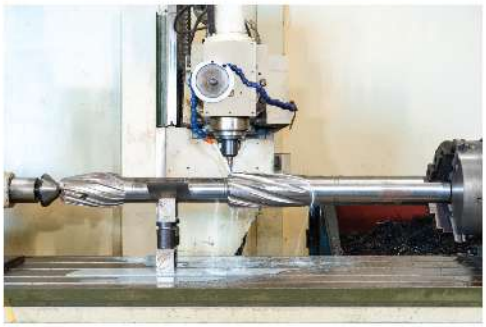


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# Hard Facing of Stabilisers & Motor Sleeves

JOT provides specialist hard surfacing processes for reducing wear and erosion on dynamic equipment used in many industries, especially for oil and Gas products like Stabilizers and PDC Drill bits. Using proprietary techniques and processes developed over many years, JOT can provide some of the most resilient and proven quality hard surface treatments in the industry, ensuring the provision of the best wear-resistant coatings for all types of downhole tools. The hard surfacing available includes tungsten carbide inserts, tungsten powder and diamond products.



## HF 1000

Cost effective solution. Durable and hard wearing. Suitable for softer/medium formations. Composite rod with 1/8" to 1/4" crushed tungsten wear carbides bonded in a tough nickel-based matrix. Variations in cutting carbides offered for milling and scraping applications.

## HF 2000

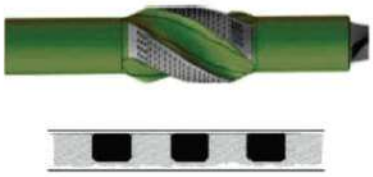
Higher performance. Trapezoidal tungsten carbide inserts in-filled with 1/8" composite filler material. Offered for medium formations.





## HF 3000

High Performance for medium to hard formations. Tungsten carbide tiles (brick work pattern) with JOT propriety in- fill options. Close Tile formation.



## HF 4000

Tungsten carbide inserts (button type). The insert has been developed to allow cold insertion and maintain close fit. A greater concentration of inserts on the bottom third of the blade and leading edge will increase surface contact to reduce wear in highly abrasive formations.

## HF 5000

The oxy-acetylene process applies tough molten carbide particles of varying sizes held in a nickel chrome matrix which provides excellent bonding properties and greater surface wear characteristics are achieved. Surface hardness levels over 40 HRC. Ideal for Geo-thermal applications over 350 Celsius.





## HF 6000

PTA (Plasma Transferred Arc) hardfacing applies a durable, wear-resistant coating to drill string stabilizers, enhancing their longevity in abrasive drilling conditions. The automated process offers precise control over the application, creating a consistent metallurgical bond with minimal dilution of the base material.

# Dressing of Milling Tools

JOT provides redressing services of milling tools by using the surfacing material from well-known and proven European and global manufacturers, which guarantees high quality of the mill and its long service life. Upon the request of the customer, the mills can be provided for rent or sold with further services for their restoration.



**Redress/Repair of Used Milling Tools**

**Carbide Dressing of New Manufactured Milling Tools**





**Carbide/insert Dressing of Section Mill Knives and Cutters**

## PDC Bit Refurbishment

JOT Oilfield Services created the industry's first commercially viable PDC bit refurbishment process in the industry, and has emerged as the industry standard. JOT will continue to blaze the trail in new drill bit repair technology, and improve repair techniques that enhance drill bit performance and efficiency.



Brazing is an important process in downhole tool services, whether it is low temperature silver soldering of PDC inserts for cutting structures, or higher temperature brazing of tungsten carbide cutting inserts on fishing tools. Jameson Oil Tools offer this service using internal application methods of oxyacetylene torches with installed GAS FLUX unit, Propane burners and electrical furnace are using for pre heat.

- PDC Cutter Replacement
- Cutter Turning
- Gauge Area Hard Facing
- Bit Dull Grading
- NDT and Visual Inspection
- PDC Bit Grinding



## Welding Services

Discover our high-quality welding solutions for a range of industries, including manufacturing, construction, and oil and gas. Our welders use the latest technology and techniques to ensure precise, efficient, and safe welding operations. JOT welding has various processes to provide many options for the replacement of worn surfaces and applying hard-surface coatings. Services include brazing, powder weld, composite rod, cored wire and spray and fuse applications. This facility is further equipped with the latest multi-axis grinding machines to finish the products and an integrated environmental control system ensuring the health and safety of our employees.



SMAW (Shielded Metal Arc Welding)



GTAW (Gas Tungsten Arc Welding)



GMAW (Gas Metal Arc Welding)



FCAW (Flux Core Arc Welding)



SAW (Submerged Arc Welding)



Stub Welding

## Fabrication

JOT offers clients with a wide range of services which includes but not limited to fabrication of skids, structures, offshore baskets & Fishing tools like rope spears, wire grab, lip guide, over short etc..



**Fabrication of Skids, Piping & Structural**

**Fabrication of Fishing Tools**





**Fabrication of Offshore Bbaskets**

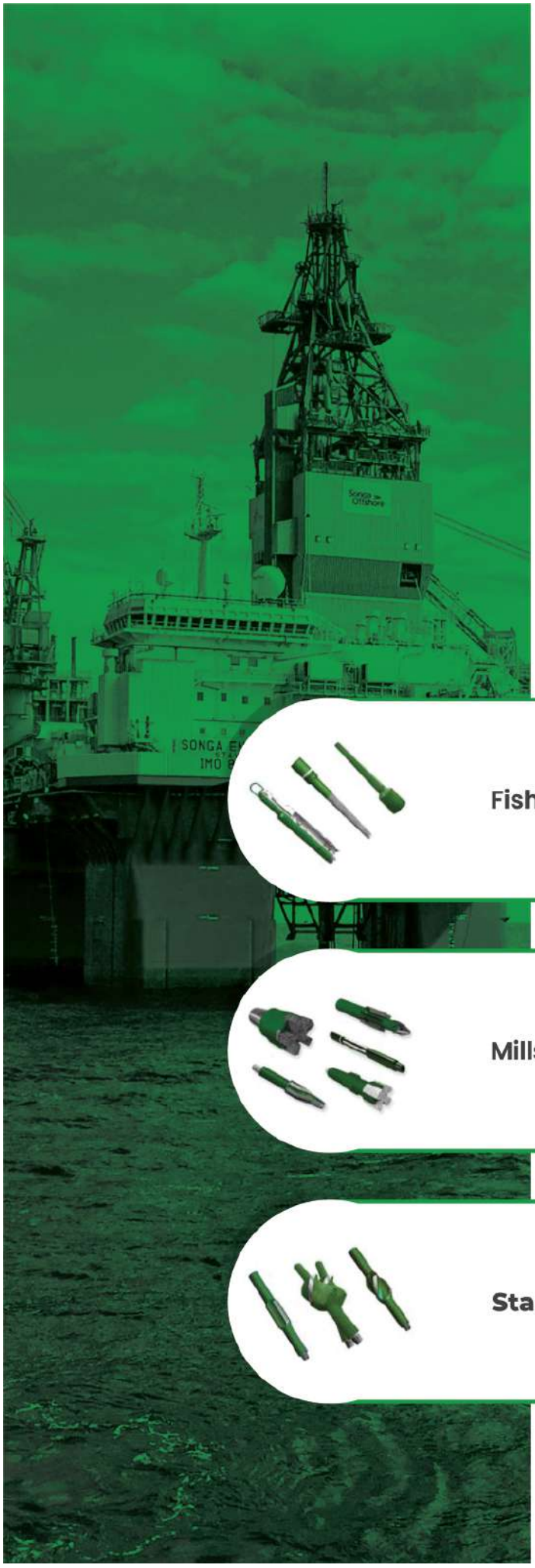
## Inspection Services

With the highest standards in both personnel training and equipment, JOT can assure our customers that each and every inspection is conducted to not only meet but exceed the stringent specifications and industry requirements for this service. Available Service are:



- Welding and Brazing Inspection
- Visual Inspection
- NDT & Drill stem Inspection
- Dimensional Inspection
- OCTG inspection





## Our Products

View our wide range of precision oil field solutions crafted by the seasoned experts at JOT. With a team of highly qualified professionals boasting solid educational backgrounds, rigorous training, and extensive practical experience, our top-tier products are uniquely tailored to meet your specific drilling needs. Trust us to deliver excellence in every aspect of your project.



**Fishing Tools**



**Mills**



**Stabilizers**



## Fishing Tools

The fishing tools for drilling are the most widely used tool for overhauling oil and water wells. There are many varieties and specifications of fishing tools for drilling. According to the types of falling objects in the well, they can be divided into five categories: spear tools, overshot tools, junk basket, hook fishing tools, and cutter tools.

As one of the full-fledged oil and gas equipment suppliers and the fishing tools manufacturers, JOT provides customers with various types of fishing tools for drilling.

- Cross Over Subs
- Junk Baskets
- Drill Stem Subs
- Screw in Subs
- Pin Taps
- Die Collars
- Taper Taps
- Lead Impression Blocks
- Rope Spears
  - Crank Shaft Rope Spear
  - Centre Prong rope Spear
- Rotating Spears
- Circulating Subs
- Pipe Cutters

### Application

JOT has a wide range of oilfield fishing and re-entry tools for the retrieval of lost or damaged tooling from the borehole. When damaged equipment falls into the wellbore the "fish" or "junk" must be removed as quickly as possible to minimise down time. JOT's wide range of fishing tools for the oil and gas industry include casing scrapers, junk baskets, overshots, fishing spears, fishing jars, fishing magnets and more. Each individual downhole fishing tool is precisely designed for a specific function and to retrieve a certain type of junk.



## Mills

The use of a mill or similar downhole tool to cut and remove material from equipment or tools located in the wellbore.



### Junk Mills

They aim to cut and remove material from equipment or tools located in the wellbore. Successful milling operations require an appropriate selection of milling tools, fluids, and techniques. The mills, or similar cutting tools, must be compatible with the fish materials and wellbore conditions.

### Economills

JOT Eco-mills are low-cost mills for milling tubular equipment. Additionally, it can be used for milling bridge plugs and retainers or removing cement from drill pipes in tubing's. They aim to cut and remove material from equipment or tools located in the wellbore. Successful milling operations require an appropriate selection of milling tools, fluids, and techniques. The mills, or similar cutting tools, must be compatible with the fish materials and wellbore conditions.





## Taper Mills

Tapered Mills are ideal for milling through collapsed, pinched casing. The tapered nose guides the process and determines gage. Taper mills can also be used for deburring after a whipstock procedure, removing corrosion, etc.

## Pilot Mills

A downhole milling tool designed with an extended pilot or central stinger section that is inserted in the bore of the packer, tubular or equipment being milled. This design helps ensure that the mill follows the desired path and does not damage the casing or liner wall as the milling operation progresses. Minimizes the casing or liner wall damage.





## Watermelon Mills

Watermelon mill is used to mill through collapsed casing and liners. This mill has a tapered top and bottom to allow reaming both up and down. A connection on the bottom allows a stringer to be run blow the mill to keep it centred. This centring prevents cutting out of the casing or side-tracking. Watermelon mills are often run piggyback with a long-tapered mill as a pilot. Sizes available 3 ½" to 6 ¾" and 8 ¼" to 12 ¾".

## String Mills

String mills provide a smooth drilling pattern, making them useful in a variety of construction and cleanout applications.



## Window Mills



JOT Keyhole Window Mill provides fast and effective window clean-up milling in Whipstock applications. They aim to cut and remove material from equipment or tools located in the wellbore. Successful milling operations require an appropriate selection of milling tools, fluids, and techniques. The mills, or similar cutting tools, must be compatible with the fish materials and wellbore conditions.

## Thru-tubing Mills

JOT junk and general milling services deliver a full range of milling tools and techniques for your through-tubing milling interventions. Whether you have loose junk such as bit cones or packers in your extended-reach well or face a section of stuck pipe, we can get your well back online safely and efficiently.



## Section Mill Cutter Knives



Mill is designed for cutting and milling a complete section of casing to install cement plugs for plug and abandonment or replace poorly cemented (risk of channellings) or corroded casings.

## Pipe Cutters

Downhole tool used for cutting away a complete section of casing or liner. JOT Hydraulic Casing Cutter is used for milling or cutting away a complete section of casing or liner. It is a dependable, rugged downhole tool, easy to operate and maintain in the field.





## Washover Shoes

Washover Shoe, also known as rotary shoes or mill shoes, are available in a wide range of dimensions and threads.

## Fishing Basket

Basket subs, also called junk subs, are used during milling operations to retrieve small pieces of junk and swarf from the bottom of the hole. Two or more junk baskets can be run on top of each other to improve the junk retrieval capacity.







## Stabilizers

JOT is a supplier of a wide range of drill string stabilizers for your wells bottom hole assembly needs. JOT alloy integral and welded spiral blade stabilizers with hard facing are manufactured from AISI 4145 H Modified Steel, fully heat treated to 285-341 Brinell hardness and 40ft. lbs. min IZOD impact strength. Our range is from 5 3/4" to 36" available as Near Bit or String Type. JOT also offer Non-Magnetic Near Bit and String stabilizers, Turbo Back Stabilizers and Crates Stabilizers. JOT also customize drill string stabilizers to client specified hole sizes.

- Stabilisers (Integral & Welded blade)
  - Near Bit, IB Stabilizer
  - Non-Magnetic, Near Bit, IB Stabilizer
  - Non-Magnetic, String, IB Stabilizer
  - String, IB Stabilizer
  - Turbo Back Stabilizer
  - Crates Stabilizer

  When ordering JOT Stabilizers please provide the following specifications:

  - Drill collar size and ID
  - Type of stabilizer (String or Near Bit)
  - Type of Hard Facing
  - Spiral type
  - Connection type and size

- Motor Sleeves (Mag & Non-Mag)

## Our Clients

We prioritise client partnerships by collaborating with global oil companies and contractors. Our skilled staff, including Welding Engineers, QA/QC Engineers, and more, deliver efficient solutions. From innovative problem-solving to project management, we add value across the Upstream to Downstream spectrum.










FIRST











# Notes

JAMESON OIL TOOLS

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