

# Drilling Tools, Technology and Services

Unlocking Complexities

# True Pioneers of Innovative Equipment

Frank's International takes pride in its track record of designing and building ground-breaking equipment that has advanced the drilling industry. In 1977, drawing on more than four decades of tubular running services experience, Frank's began engineering its own equipment and products. Today, we are a global leader in custom engineering and technology that enhances our core drilling services.

Continuously striving to provide customers with new and more efficient ways to access energy, we have obtained more than 200 U.S. and foreign patents for all our innovations.



## Opening New Energy Frontiers

Our specially designed drilling tools maintain well integrity and reduce drilling time – even in the most complex wells. We offer unique solutions for reducing vibration, cuttings, torque and downtime in deviated wells across the globe. Onshore, we have demonstrated success in deep wells with lateral sections and vertical wells. Offshore, we have been instrumental in constructing and completing wells drilled in some of the deepest waters around the world.

Through continuous improvement to the process of constructing a wellbore, we help mitigate risk in the drilling environment and meet customers' increasingly stringent standards for quality, health, safety and the environment. Our in-house manufacturing capabilities allow us to exercise superior control over these vital characteristics as we innovate.

Over 75 Years of  
Industry Experience

Unparalleled  
Custom Solutions

Anticipate Needs for  
the Rigs of the Future

## Below The Rotary Table

Frank's provides technologies that become active components of the drill string to prevent failures, optimize performance, reduce overall costs and increase well integrity.

One of the main causes of bottom hole assembly failures is vibration within the wellbore. Frank's unique solutions, such as the Harmonic Isolation Tool (HI-Tool™), target and remove damaging lateral vibrations from the drill string to prevent unnecessary downtime.

Our Drill String Torque Reducer (DSTR™) tool prevents damaging casing wear and frictional torque losses from drill pipe rotating in the casing and wellbore. Used in conjunction with software that models and analyzes torque, drag and casing wear to optimize placement of the DSTR™ tool, we have successfully implemented this tool in some of the most challenging wells across the globe.

## Above the Rotary Table

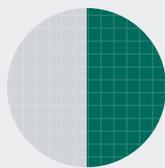
Frank's provides specialty products that focus on improving drilling efficiency above the rotary table. With complex wells, at depths of over 30,000 feet in sensitive geologic environments, tripping pipe can require continued circulation to maintain well bore integrity.

Our top-drive mounted circulation tools cycle and take flow back on drill pipe in elevators, eliminating the need for making time-consuming connections to the top drive. We have developed several drill pipe tong systems as part of our tubular handling services – which seamlessly interface with our fully-automated casing tong systems.

## The Complete Benefits of Frank's Technology



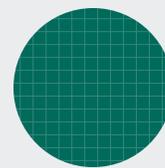
Reduce  
Costs



Optimize  
Performance



Increase  
Well Integrity



Prevent  
Failures

## A Partner in Performance

Frank's combines a rich heritage of industry experience with keen foresight to anticipate what customers need, not only today but for the rigs of the future. Our ability to design and manufacture custom and specialty equipment is unparalleled. From concept through completion, we respond rapidly to meet each customer's needs with customized tools that outperform the competition, get the job done quickly and safely, and produce savings for our customers.

Companies seeking to maximize value while minimizing drilling costs over the lifecycle of the well can look to Frank's as a leading provider of safe, reliable and efficient well construction and completion technology and services.

# Unlocking Complexities

Founded in 1938, Frank's International, N.V. is publicly traded on the NYSE under the symbol FI. With a diverse, global workforce spanning over 60 countries across the globe, Frank's is an industry leader in engineering, manufacturing, servicing and installing tubular running products. Frank's understands the importance of providing consistent performance and exceeding our customers' expectations. The company provides learning and development opportunities to create a cross-functional workforce, adept at providing world-class service and exceeding the needs of customers while they expand their search for oil and gas. The company is proud of its grassroots heritage, and today embraces the same entrepreneurial and innovative approach for which the company was founded.



**Frank's International**  
10260 Westheimer Road  
Suite 700  
Houston, Texas 77042 USA  
281-966-7300  
281-558-0948 fax

[franksinternational.com](http://franksinternational.com)

© Frank's International. All rights reserved.  
Version 1.0