



# INNOVATION

**LeTourneau®**  
| OFFSHORE  
PRODUCTS  
Built on Experience. Driven by Vision.

# THE MOST RELIABLE RIGS START WITH THE MOST INNOVATIVE MINDS

Since 1955, when LeTourneau launched the world's first independent leg offshore jack-up rig, *The Scorpion*, we have demonstrated our commitment to making rigs that stand the test of time. We do this through a combination of innovative thinking and a relentless dedication to building jack-up rigs that meet, and often exceed, customer requirements.

The truth is that no other manufacturer in the world designs, engineers, builds, and fabricates a more durable, reliable self-elevating mobile jack-up rig than LeTourneau Offshore Products. No other rig manufacturer offers as many jack-up rig designs. Our fabrication facilities are the most extensive in the country. Our commitment to flexibility is evident in our innovative licensing and kit component packaging options, the heart of every LeTourneau. And our customer service representatives are the most knowledgeable and responsive you'll find anywhere.

Unlike many others who design for the short term, you can be sure that LeTourneau will be there for years to come with the systems, products, and services that not only meet today's deep drilling challenges, but also stand ready to meet whatever the industry brings next.





# WE LEAD EVERYONE ELSE FOLLOWS

For more than five decades, our customers have demanded new ideas, advanced technology, and better ways to get the job done. Not only have we delivered, but we're often first to market with new equipment and systems.

- Designed and built the world's first independent jack-up rig
- Built the first rack-and-pinion jacking mechanism
- Built the first true load-sharing rack locking system
- Designed the first cantilevered skid-off drill package
- Engineered the first triple mud pump layout
- Built the first variable frequency drive elevating system
- Engineered the first 100-foot reach cantilever
- Built the industry's first cantilever with a load capacity over 3.5 million pounds
- Incorporated the first modular jack-up rig leg construction
- Earned the first 550-foot water depth rating



CERTAIN

EVEN

WHEN

THE

WORLD

ISN'T

With our world more demanding and unpredictable than ever, it's reassuring to know that LeTourneau Offshore Products is engineering and building jack-ups with the worst case scenario in mind. As a result, we not only deliver the world's most stable and reliable rigs, we also deliver supreme confidence in even the most extreme conditions, especially during set-up. In fact, many LeTourneau rigs have been operating for more than 30 years. Long rig life. Reduced downtime. And ultra-efficient operations. While nothing in this world is certain, at least with LeTourneau, you can count on all this and much more.




**MORE STEEL IN  
OUR LEGS**

**MORE PEACE OF MIND**

More steel in each leg means more peace-of-mind when the foundation gives way, when winds exceed 100 knots, or when waves swell beyond 50 feet.

Engineered to withstand even the most severe jacking conditions and maintain high-performance in deep well applications, the LeTourneau leg design is so tough, no other rig manufacturer can match our sound construction or record of long-term integrity. Our unique open-truss leg design, combined with intelligent application of more steel, equates to more productivity. And because each LeTourneau rig is fully lifecycle tested prior to delivery, you can be sure you're receiving the industry standard in elevating systems.

In fact, our patented jack-and-drill system means a rig can be leveled in as little as 30 minutes. We offer four choices of elevating system capacities with storm holding capabilities as great as 1,800 kips per pinion.



# FOUR DESIGNS

# ONE HIGH- PERFORMANCE STANDARD

Just about anywhere deep drilling is required, there's a LeTourneau jack-up rig ready to meet the challenge. We offer self-elevating mobile drilling units in four distinct designs, applicable to most any offshore requirement ranging from shallow draft to harsh-environment drilling and production. In fact, no other manufacturer offers more designs than LeTourneau. Through a wide range of comprehensive tests and analyses, LeTourneau ensures each rig meets our unparalleled performance standards — the highest in the world.

# DESIGNED FOR OFFSHORE DRILLING TODAY



When the need for deep drilling reaches to 30,000 feet and beyond, but moderate water depths are required, the **TARZAN CLASS** is the solution. It is designed for tropical storm regions with water depths up to 250 feet.

The **Super 116E** is designed for moderate regions with water depths up to 350 feet. It provides the international offshore drilling industry with a proven versatile and cost-efficient tool for exploration and development drilling and workover capabilities in most world regions.

Designed to operate in water depths to 400 feet, or meet the Gulf of Mexico's toughest hurricane head-on, the **WORKHORSE®** jack-up rig utilizes the LeTourneau 440-Kip (rated elevating) opposed-pinion elevating system to support drilling loads to 10,000 kips and jack with preload.

Ideal for the harshest environments world wide-year round in water depths up to 400 feet, the **Super Gorilla / XL** is part of a rig family so tough, they became known as the "Harsh-Environment Jack-Ups" more than 25 years ago. In its long leg edition the rig is engineered and built for softer bottom conditions and tropical storm regions with water depths up to 550 feet. Both members of the Gorilla® Class are built strong enough to perform almost anywhere in the world, including some of the roughest waters known to drillers, including the North Sea and North Atlantic.



# PROVEN COMPONENTS

LeTourneau Offshore Products offers a full line of rig components including elevating systems, cranes, drill packages, skidder units, and anchor winches. Our expert technicians, inspectors, and project managers possess the necessary skills to deliver the components you require on spec, on time, and on budget. And because these components are from LeTourneau, you're assured of the highest quality design and manufacturing process.

## CRANES

Combining proven LeTourneau performance with solid-estate electronic efficiency, our PCM-Series Pedestal King Post Cranes respond faster, reduce downtime and maintenance, lower operating costs, and are environmentally friendly.

## ELEVATING SYSTEMS

LeTourneau elevating units are designed to meet a wide range of offshore requirements, including the harshest environments. They offer a range of normal elevating and pre-load jacking ratings, and storm holding capabilities as great as 1,800 kips per pinion with product line of 150-, 375-, 440- and 1000-kip units.

## 1-HIGH GEAR UNIT

Installed on top of our existing 375-Kip elevating unit, the addition of 1-High gear unit can increase platform elevating capacity by as much as 4,000 kips.

## ANCHOR WINCHES

Available in two sizes, the W1500 and W2000, our winches can pull 50,000 pounds and 100,000 pounds, respectively. Both are well-proven in demanding offshore applications.

## SKIDDER SYSTEMS

LeTourneau skidders deliver 263,000 pounds of thrust at 6 feet per minute. Featuring a LeTourneau gearbox, motor, and brake assembly, they have proven their ability to move very large substructures in more than 200 installations.

## LEGS

To meet high demands for rack, chord, and bracing, LeTourneau manufactures each from ABS approved high strength alloys produced by our own steel mill.

## STORM LOK®

Our innovative leg fixation system enhances load distribution under the most extreme conditions. It is easy to engage and disengage as required.





# STRONG RIGS SOLID SERVICE

## WORLDWIDE SUPPORT

Ultimately, our people are our most valuable resource. The skill, dedication, and loyalty of LeTourneau employees characterizes our dedication to customer responsiveness and support in every rig we design. In fact, we employ mobile service representatives and project management, available for consultation, maintenance or repair when you need it.

There is a great deal more to a jack-up rig than superior design. The longevity and productivity of a rig is dependent upon critical components and assemblies as well as proven designs. That's why our Rig Kit Packages include both key equipment and systems in addition to design drawings. All Rig Kit Package designs are issued under license for worldwide construction, meaning you have the flexibility to fabricate at the location of your choice, almost anywhere in the world. Each kit also includes the heart of a LeTourneau rig; guide components, jack-and-drill elevating systems, cantilever hold-down clamps and skidder system, pedestal king post cranes, and optional accessories, all manufactured by LeTourneau at LeTourneau. And every Rig Kit Package is supported by LeTourneau's unmatched depth of experience and know-how.



# THE INNOVATION THAT STARTED IT ALL

More than 50 years ago, LeTourneau Offshore Products launched the world's first mobile offshore jack-up rig, christened *The Scorpion*. Previously, there was nothing like it in the world.

It was the result of a vision carried out by LeTourneau founder and well-known inventor R.G. LeTourneau, and was bought by Zapata Off-Shore Company, whose president was George H.W. Bush, our country's 41st President.

Although the concept of a deep-sea, mobile offshore platform aroused considerable interest among the oil companies, none were prepared to help finance the

construction of such an expensive (nearly \$3 million) and unproven project. That is, until LeTourneau proposed the idea to Zapata Off-Shore Company of Houston, Texas.

Following trial and error, in December 1955, the 4,000-ton platform "walked" into the Mississippi River under its own power. Construction of the platform was completed with the installation of a drilling derrick, pumps, and associated equipment.

Well regarded as a robust and efficient drilling platform, *The Scorpion* was the first of ten offshore platforms subsequently placed around the world by LeTourneau before 1959.



**LETOURNEAU OFFSHORE PRODUCTS** designed and built the world's first jack-up drilling rig in 1955, and has designed and built over 200 jack-ups since then. The company is a leader in offshore jack-up drilling rigs, offering more standard designs and deeper experience than any other supplier.

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P.O. Box 2307  
Longview, Texas 75606  
+1-903-237-7500

LeTourneau Call Center  
Open 24 hours a day, 365 days a year  
+1-832-782-6742

[www.letourneautechnologies.com](http://www.letourneautechnologies.com)