

LETOURNEAU

A Keppel Company



**Engineering
Services**

BUILT on experience DRIVEN by vision

60
230

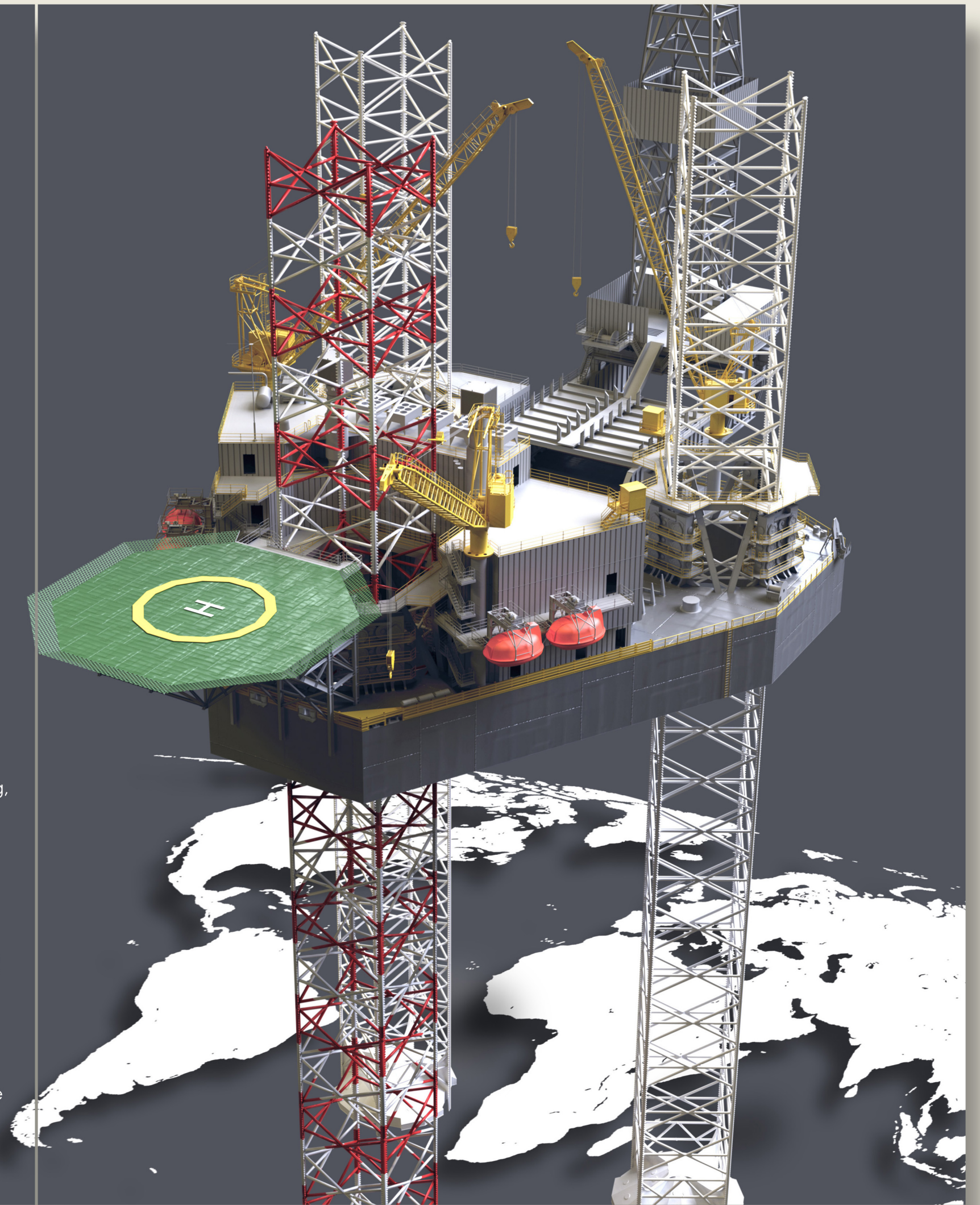
YEARS RIGS

230 jackup units designed, engineered and delivered to the global market since 1955, making Keppel LeTourneau the most prolific jackup designer in the world.

A WEALTH OF EXPERIENCE

Since 1955, when LeTourneau launched the world's first independent leg offshore jackup rig, The Scorpion, we have demonstrated our commitment to designing rigs that stand the test of time. We have since proven to be the industry leader in jackup design and innovation.

Joining the Keppel Offshore & Marine family in 2016, we have not only broadened our suite of jackup design capabilities, but have also expanded our range of aftersales and aftermarket products and services. With the combined experience and expertise of both Keppel and LeTourneau, we are now able to offer our clients the most comprehensive range of jackup related engineering services.



10

OR MORE

Industry milestones first achieved by LeTourneau Rigs. From designing the world's first independent 3-legged drilling jackup to designing the world's first jackup in 550 ft of water depth, Keppel LeTourneau has led the industry in innovative technologies.

A Legacy of Innovation

We offer a broad range of design and engineering services to owners and operators of both LeTourneau and non-LeTourneau jackup rigs. Services include, but are not limited to:

- Jackup / liftboat global analysis and design
- Rig site assessments (ISO 19905-1)
- Finite Element Analysis, linear and non-linear
- Explosion assessment, dropped object analysis, fatigue analysis, boat impact analysis
- Detailed engineering, such as accommodation outfitting, electrical and piping system design, etc...
- Stability and motion analysis
- 3rd party design verification
- Geotechnical and foundation analysis
- Spud can bearing pressure and penetration analysis
- Rig vibration analysis
- Upgrade package recommendations



110

AND STILL GROWING

Combined total of units sold from the LeTourneau 116 Family, making it one of the most popular jackup designs in the world.

A VISION FOR THE FUTURE

We also provide package upgrades to suit your business needs as you respond to varying market conditions. Our services include:

- Basic Design Support for MODU to accommodation units conversion
- Upgrades for deeper water operations, increased elevated weights and increased cantilever capacities, leg extension
- Jacking system replacement, retrofit or upgrade for increased capacities, monitoring and control
- Drill package enhancements
- Enhanced skidding efficiencies





LETOURNEAU

A Keppel Company

Keppel LeTourneau USA, Inc.

5177 Richmond Ave. Suite 950
Houston, Texas 77056
USA

Tel: (713) 408-3568 / (281) 677-5108

Email: engineering.usa@keppelletourneau.com

Keppel LeTourneau Middle East FZE

Office No: LB16504
Jebel Ali
Dubai
United Arab Emirates

Tel: 971 04 8860010 Fax: 971 4 8860012

Email: mohsen.abdelalim@keppelletourneau.com
curtis.tyson@keppelletourneau.com

BUILT on Experience
DRIVEN by Vision

Copyright 2019 Keppel LeTourneau.
All rights reserved.

Specifications and data presented in this brochure is for general information only and is subject to change without notice and it is not intended for design purposes. Although every effort has been made to maintain the accuracy and reliability of its contents, Keppel LeTourneau in no way assumes responsibility for liability for any loss, damage or injury resulting from the use of the information and data herein.