



LOADMASTER ERE



OFFSHORE MODULAR RIGS

The culmination of our many years of experience in designing and building modular platform rigs for areas of operation all over the world have led to the recent construction of a series of three 3000 hp rigs for the Gulf of Mexico.

THIS 3000 HP MODULAR PLATFORM RIG SETS NEW STANDARDS FOR SELF-INSTALLING PLATFORM RIGS.

Utilizing a platform rig philosophy that has been successful for US Gulf of Mexico drilling contractors for thirty years, Loadmaster's optimized design meets the mobility, space, weight, and installation challenges at the top end of rig capacities up to and including 3000 hp. Advanced features such as automated pipe handling, and off-line stand building are available.

MAJOR ADVANTAGES

- **LOWER INSTALLATION COST BY ELIMINATING THE NEED FOR A COSTLY DERRICK BARGE**
- **MORE FLEXIBILITY IN THE ARRANGEMENT RESULTING IN THE ABILITY TO FIT MORE EXISTING PLATFORM DECKS**
- **GREATER FREEDOM IN SELECTION OF CONSTRUCTION SITES, TO INCLUDE INLAND FABRICATORS AND RIG-UP YARDS, LOWERING THE COST**



**LET US MAKE YOU MORE EFFICIENT, SAFER, AND ABLE TO ADAPT TO NEW CHALLENGES...
SCHEDULE A CONSULTATION TODAY.**

ADVANCED DESIGN

The design is optimized to result in the fewest number of loads, and minimal installation work on the platform. Included in a Loadmaster Offshore Modular Rig design is an engineered mobilization and installation plan.

The rig is comprised of individual modules. The modules are road transportable in size, and their weights are within the platform crane capacity. The modules are trucked from the rig-up facility to a loading dock. From there, the modules are loaded onto supply boats and shipped to the platform. Upon arriving at the platform, the modules are lifted from the supply boats directly into assembled position using the platform cranes.



RIG SPECIFICATIONS AND EQUIPMENT

Description	3,000 hp Self Erecting Modular Offshore Platform Drilling Rig
Region	Gulf of Mexico
Operating Temperature	-4°F to 122°F
Hook/Rotary Load Rating	1,500 kips
Setback Load Rating	800 kips
Pipe Deck Load Rating	1,500 kips
Current Location	Houston, Texas
Primary Equipment	AC Cameron Drawworks 1,500k Hook Loadmaster Self-Erecting Mast 2,150 hp Diesel Engine/Generator Sets (Qty. 4, Optional 5th) 750 ton Canrig Top Drive 37.5" Rotary with Independent AC motor drive 2,200 hp Cameron Mud Pumps, 7,500 psi (Qty. 3) 120 Man Accommodations, Survival Boats, Bell 412 Helideck 70 MT Marine Cranes, diesel/hydraulic (Qty. 2) Cameron 18.75 ", 10,000 psi BOP Stack Cameron 20.75 ", 3,000 psi BOP Stack GE MSP 29.5", 500 psi Diverter Optional 5th 3516C standby generator set Optional automated pipe handling system, includes offline stand building system Optional third water maker



MAJOR FEATURES

- The cranes supplied with the rig are modular and configured for installation by a smaller capacity temporary crane, then used to fully install and assemble the rig modules.
- Optimized component arrangement and system design to minimize piping and cable connections between modules, improves reliability and efficiency of rig-up during installation and moves between platforms.
- Loadmaster low friction X-Y hydraulic skidding system does not require capping beam slots.
- Loadmaster C-Clamping system that reduces the size and quantity of clamping bolts, improving the well-to-well move times.

OTHER LOADMASTER MODULAR OFFSHORE PLATFORM RIGS INCLUDES:

BALTIC SEA "ICE RESISTANT PLATFORM" RIG

- 320 metric ton hook load rating
- Rig package designed for offshore drilling and workover operation.
- Incorporates bi-directional skidding to cover the pattern of 23 wells
- Acceptance by Germanischer Lloyds per Russian standards

DRILLING COMPLETION AND WORKOVER RIG (DCWR) IN THE BOHAI BAY FIELD

- For ConocoPhillips China Incorporated (COPC) and the China National Offshore Oil Company (CNOOC)
- Installed on 40 slot wellhead platforms
- Small modular lift for platform crane installation, with optional single lift configuration
- Series of 4 units completed and operating
- Rig Specification: 400 vkip boot-strap mast.
- Drawworks: 1000 hp AC
- Top Drive: 275 T – 600 hp A.C.
- Rotary: 37.5"
- BOP: 13-5/8" x 5,000 psi
- Mud Storage: 1600 bbl
- Mud Pumps: 2 @ 1000 hp Triplex
- Power Generation: 3 - Cat 3512 Diesel GenSets (+) platform supply
- Drives: VFD's for A.C. traction motors
- Elevated Pipe Rack: 400 kip capacity





FOR MORE THAN 27 YEARS, LOADMASTER* COMPANIES HAVE BEEN AT THE FOREFRONT OF RIG DESIGN, DEVELOPMENT, AND MANUFACTURING OF SOME OF THE MOST INNOVATIVE, VERSATILE, AND COST-EFFICIENT DRILLING EQUIPMENT TO SOLVE CONVENTIONAL, AS WELL AS UNIQUE, CUSTOMER OPERATING ENVIRONMENTS.



Let us show you how we can design and manufacture specific drilling rig equipment to solve your unique drilling operations needs. Or select one of our proven products from the catalog of existing equipment.

LoadmasterERE.com

* "Loadmaster" is a term used in this website and in various marketing/advertising materials to collectively refer to separate corporate entities: Loadmaster Engineering, Inc., Loadmaster Universal Rigs, Inc., and Loadmaster Universal Rigs Beijing, Inc. These "Loadmaster" companies participate in a strategic alliance to provide engineering, design, fabrication, project management, and other services to customers in the drilling industry; however, each company manages and controls its own affairs. The use of the term "Loadmaster" is not intended to state or imply that the corporate form of any entity is being or should be disregarded, nor should the use of that term be construed to state or imply that each company provides, or has provided, all of the services, or any particular service, described in this website.