



# PACER<sup>®</sup> 800

Electric rack and pinion with pipe handling tool designed to simplify operations and provide full automation



Nabors new PACE<sup>®</sup>-R800 rig utilizes technology optimized for drilling automation with Nabors Rigtelligent<sup>™</sup> control system. The rack and pinion technology enables the precise control of block position required for advanced automation.



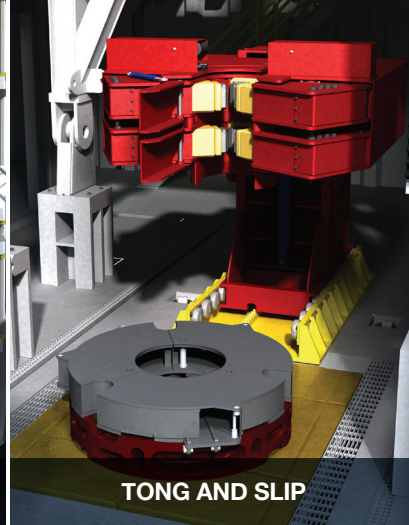




CARRIAGE



PIPE HANDLER



TONG AND SLIP



GROUND HANDLING

1. Electric rack and pinion with hoisting capacity of 800 kips and push capability of 66 kips. Eight pinions driven by permanent magnet motors to provide redundancy and precise control required for automation.

2. Robotic electric pipe handler designed to handle drill pipe and casing from 3-1/2" to 13-3/8" without changing grippers. Weight sensitive grippers have integrated spinners for best in class connection and improve trip speed.

3. Tong and slip designed to handle drill pipe and casing from 2-7/8" to 15" without changing dyes. Mud bucket integrated with tongs and mud wiper integrated with slips.

4. Ground handling system designed to move activity off the rig floor improving rig time. System is designed to handle casing and drill pipe up to 20". Has an integrated tool joint cleaning, doping and pipe measuring for developing a rig tally.

#### ► ADDITIONAL FEATURES

- Rack and pinion hoisting system reduces mechanical components like drawworks, traveling block, crown, deadline anchor, drill line spooler etc., improving rig-up time and reducing downtime
- Side saddle substructure optimizes batch drilling by allowing rig to walk over existing wells without handling pipe over wellheads
- Current hookload capacity rated at 800 kips can be scaled up to 1,000 kips
- Custom Designed Pipe handling equipment to handle drill pipe and casing up to 13-3/8"
- No slip and cut
- Designed with two level rigfloor; personnel operates the rig from the upper deck, and all operating equipment on the lower deck keeps personnel out of harms way
- Rigline 24/7™ provides rig personnel support for optimized drilling performance
- Equipment condition monitoring available on all equipment to improve rig maintenance
- A version of R800 with hydraulically raised substructure to handle doubles or triples is also available



# Why Choose Nabors?

Nabors combines innovative products and services and the expertise of its people to make drilling operations safer, more reliable and more cost effective.

Our goal is to provide our customers with the highest level of excellence and performance – on every rig and well. Every time.

With operations in more than 20 countries, Nabors is one of the world's largest oil and gas drilling contractors. Our vision is to be the driller of choice for customers, investors and employees by focusing on technology, safety and performance.

We not only provide global drilling services for both land and offshore, but we're also a leading provider of drilling equipment, software and technology. Combined with the experience of our experienced and well-trained crews, we continue to transform the global drilling industry by providing Rigintelligence<sup>SM</sup> for the Future.

## Rigintelligence<sup>SM</sup> for the Future

Rigintelligence<sup>SM</sup> for the Future integrates the superior operational know-how of our people with advanced technologies that make our rigs smarter and more automated than other drilling rigs to create greater value for our customers. Our innovative systems, technologies and high-level engineering differentiate us from our competitors.

We offer an integrated suite of innovative drilling software, equipment and services to help customers save money and improve performance. These include performance tools that improve drilling operations, total control services for better rig efficiency and productivity and tubular services that provide safer and more efficient casing activities. See your marketing representative for more information.

### ► PERFORMANCE TOOLS

**DrillSmart™ Automatic Driller:** A best-in-class tool that provides the consistent, precise control of drilling parameters to avoid weight dumping and excessive slack off

**Total Control NonStop Driller:** A sub-based constant circulation system designed to improve drilling efficiency, operational safety, hole condition and equipment integration.

**ROCKit™:** A patented directional steering control system that oscillates drill pipe to reduce friction and increase penetration rate

**REvit™:** A real-time stick slip mitigation system that allows consistent application of more torque to bit in hard rock formations to extend bit life, reduce tool failures and increase penetration rate for significant savings in drilling time and cost

### ► TOTAL CONTROL SERVICES

**BOP Testing:** The broadest range of BOP testing and services, from installation to field-proven testing, to increase rig efficiency and productivity

**Rotating Control Devices:** Rotating heads and consumables at lower rates, eliminating the need for third-party rigging up equipment

**Variable Bore Rams:** Custom fit for customers' desired drilling applications to provide superior rig efficiency and reliability

**Remote Control Choke:** Providing customers with an integrated portfolio of drilling services, we offer premium quality chokes at competitive rates