



# Stasis™ Warm Stacking Kit

## Maintain rig availability and reduce stacking costs

During a warm stacking period, it is essential to keep machines and equipment moving to prevent deterioration. The Stasis Warm Stacking Kit is designed to easily enable exercise sequences for single machines or coordinate multiple machines in parallel, all while monitoring and tracking progress at the fingertips of a single operator. With Stasis, you can simply maintain your warm stacked rig and easily bring it back to operation in minimal time.

## Stasis™ : Warm Stacking Kit

Stasis is a modular system that provides a consistent and efficient way to exercise drill floor equipment while your rig is warm stacked. It runs all involved machines unloaded in predefined sequences, allowing the operator to focus on overall process and rig safety. Each machine is monitored and performance data is stored. As a result, both drill floor operation safety and efficiency improve while keeping one operator in control of the overall execution.

- Less wear and corrosion on equipment
- Reduced time to operation after stacking
- Fewer rig personnel needed
- Rig personnel with limited experience able to perform advanced routines in a safe and controlled environment



### Modular design allows for simple integration with original control system and fosters quick and safe transitions back to normal service

- Stand-alone system that comes in rugged case with necessary hardware and rig-specific software, including its own HMI
- Connects to existing control system network, leaving original HMI and safety functions intact

### Optimized maintenance and project tracking enabled via one operator

- Performs repetitive warm-stacking maintenance activities, allowing the operator to focus on safety and process execution
- Using the HMI, the operator can monitor and control Stasis exercise sessions. The controls include pausing, aborting and restarting the sequences.
- Reroutes equipment control from driller's chair to Stasis operator, streamlining operation and maintenance of machines
- Documents equipment operation frequency and duration via data logging and reports

### System components

- Stand-alone HMI for operating machines
- Control system for running machines in predefined sequences
- Data logging and monitoring of warm stacked equipment
- Detailed reporting capabilities for analysis

### Equipment typically included in Stasis setup

- Top drive
- Fingerboard
- Elevated back-up tong
- Hydraulic cathead
- Guide arm
- Drawworks
- HydraTong
- Crown mounted compensator
- Pipe/riser handling catwalk
- Vertical pipe chute
- Lifting cylinders
- Casing tong
- Active heave compensator
- Powered mousehole
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- HydraRacker
- Rotary table

Equipment support varies depending on rig layout and equipment list.