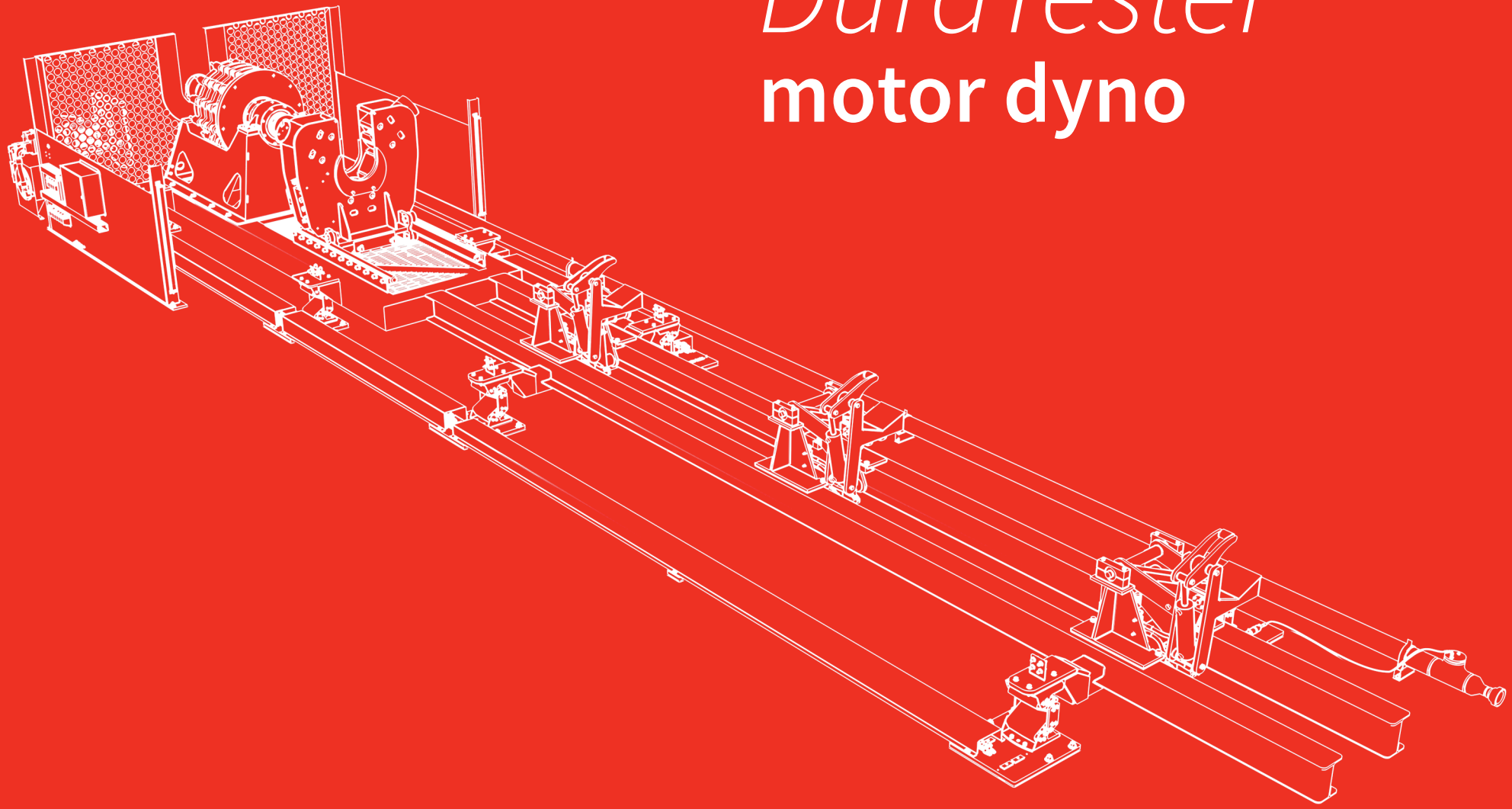
DuraTester™
motor dyno



NOV Wellbore Technologies

DuraTester™ motor dyno

Performance Assurance

The *DuraTester*™ motor dyno provides safe, efficient, and accurate verification of drilling motor performance prior to use downhole, reducing potential for motor failure and increasing performance predictability. The device uses electronic sensors to monitor pressure, flow, speed, torque, and weight on bit. Featuring an HMI touch screen, the user-friendly *DuraTester* motor dyno allows you to record performance and test results using LogMaster II dyno software.

Packages

The **complete solution** offers you a diesel engine driven triplex pump package, a dyno frame with an air-operated, water cooled brake on isolation pads, a brake water cooling package, and water tanks for holding your testing fluid.

The **customizable solution** comes without a pump package, giving you the option to select a fluid package to integrate with the dyno frame.

Accessories

Nubbin Buster - The *DuraTester* Nubbin Buster increases operational efficiency by breaking the connection between your downhole motor and the dyno test nubbin. By minimizing the movement of the downhole motor in your facility, the Nubbin Buster creates a safer work environment for your employees.

LogMaster II dyno software records motor performance data, provides feedback for testing parameters, and indicates whether motors meet performance requirements before they leave the shop. The software stores motor performance curves in a database, making the information easily accessible at a later date. It is preloaded with a library of common motor sizes, types and manufacturers. Additional motors can be added based on power section parameters from the manufacturer.

Features and Benefits

Closed loop water system – conserves water used in testing, minimizing water usage and used test water disposal

User-friendly – operates using electronic HMI touch screens with intuitive displays

Closed loop brake cooling packages (optional) – can be added to perform extended duration tests