Neutral Spring Balance Kit

The Forum Energy Technologies neutral spring balance (NSB) kit was developed due to the emergence of smaller outer diameters (OD) with lower torque connections and the need to improve drilling efficiencies. This thread advancements placed new demands on existing equipment currently servicing the oil and gas market for low torque make-up, requiring Forum engineers to develop the cost-effective kit with industry-leading oil country tubular goods (OCTG) connection manufacturers.

The NSB kit has been successfully retrofitted to machines with years of field service and returned accurate graph readings for thread manufacturer approval. This upgrade requires changes to the tailstock and the introduction of the NSB kit.

The NSB kit is available for all AMC fully rotational torque (RT) machines, regardless of age, for both the top and non-top opening units. It can be installed in conjunction with a scheduled calibration; thus, reducing cost expenditure. This unparalleled original equipment manufacturer (OEM) kit upgrade is normally completed within one to two days.

To make full advantage of the operational benefits that this OEM upgrade can deliver, please contact your nearest local Forum representative.

**BENEFITS**
- Enhances drilling efficiency and helps ensure integrity downhole with tubular run-in data
- Improves accuracy on low-torque connections due to lower shoulder detection capabilities
- Ensures compliance since lower torque points are logged for calibration certification

**FEATURES**
- Versions available to top open and non-top open tailstocks
- Compatibility with all RT machines, regardless of age