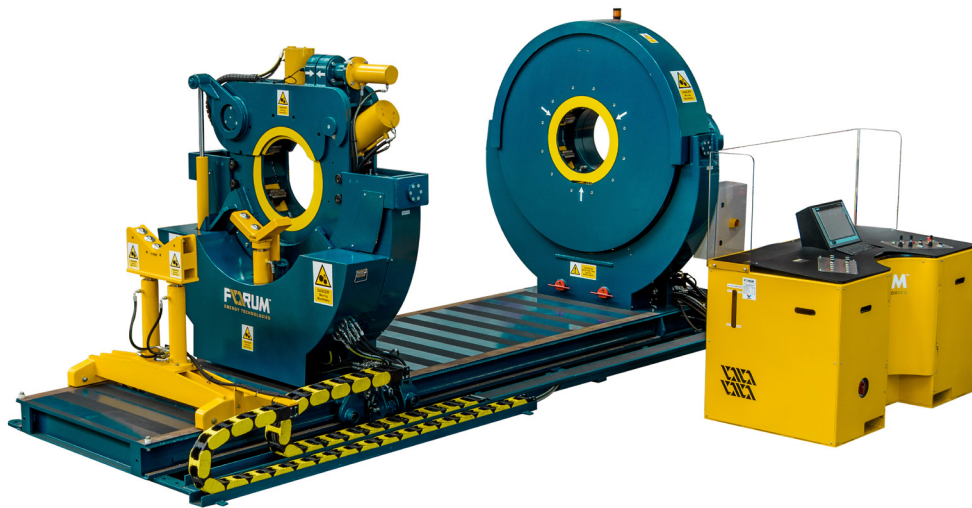


Fully Rotational Torque Bucking Machine



Forum Energy Technologies' AMC fully rotational torque (RT) bucking machine is a self-contained, free-standing, hydraulically powered unit designed for fast and accurate makeup and breakout of premium and non-premium threaded tubular equipment. The machine can handle up to a maximum torque of 200,000 ft-lb tracking thread, and run in from as low as 200 ft-lb.

The unit consists of a fixed headstock and a traversing tailstock. The tailstock is available with a hinged, top-opening feature to assist with loading tools safely and efficiently. Both heads feature hydraulically controlled clamp cylinders that can go from 2 3/8 to 48 in. OD, or up to the machine's maximum diameter, without the need to change jaws between sizes. This can reduce downtime, while minimizing safety hazards associated with changing jaws manually.

The RT unit features a fully floating tail and headstock option for offset torque connections, which is available on machines up to 100,000 ft-lb and 22-in. working OD. The hydraulic system works at low working pressures, eliminating the need for high-pressure hoses and fittings; thus, reducing costs to the customer and helping ensure a safer working environment.

The RT unit is also available with other options, such as extension beams with lifting jacks to help support the tool without the use of slings, cranes or forklifts; a hinged push/pull; and an in-house designed torque control system (TCS). Specifically developed to meet industry standards, the Forum TCS provides PDF graph reports on threaded makeups, which records the accuracy and history of each makeup.

All machines are delivered with a one-year OEM warranty for peace-of-mind operation. The system is robust enough to withstand virtually every environment, including extreme heat and cold temperatures for extended and prolonged workshop use.

Forum's service parts and calibration equipment are kept in stock at strategically placed locations around the world, which allows its highly trained team of engineers and technicians to immediately respond to customer needs and support operations.

For more information, contact your nearest local Forum representative.

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BENEFITS

- Reduces nonproductive time (NPT) with increased OD clamping range
- Increases versatility with nonmarking soft jaws for Cr connections (up to 25,000 ft-lb)
- Increases reliability since tailstock travel is driven by two rack and pinion hydraulic motors versus a chain drive system
- Decreases HSE risks since jaws do not need to be changed for varying pipe diameters, and no manual handling is required

FEATURES

- Fully floating head and tailstock to accommodate offset connections
- Forum TCS provides accurate graph reports on threaded makeups for full authentication and traceability
- Calibrated to thread manufacturers' guidelines and tolerances, in accordance with BS 7882:2008
- Oil cooler fitted as standard
- Full OEM 12-month warranty

ADDITIONAL SAFETY FEATURES

- High-visibility hose chain houses all hydraulic hoses and electric cabling
- Low-pressure working hydraulic system
- No manual changing of jaws between varying pipe diameters
- Remote clamping
- Electronic sensor fitted to open locking pin; disengages machines hydraulic clamps until pin is fully engaged

OTHER OPTIONS

- Top-open tailstock option for ease of loading
- Extensive choice of accessories
- Tailored machine layouts are available
- Customer-specific coatings

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