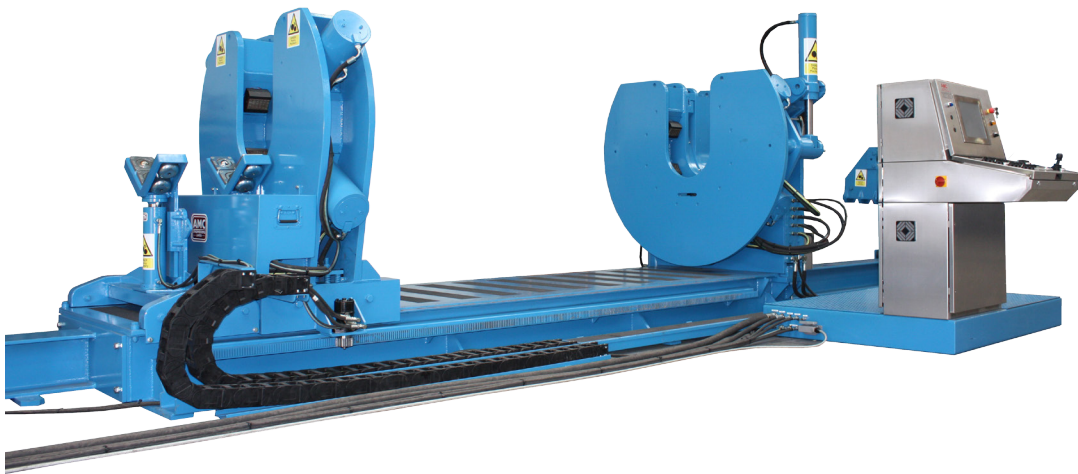


Double-Top, Open, High-Torque Stroking Machine



Forum Energy Technologies' AMC double-top open (DTO), high-torque stroking (bucking/makeup/breakout) machine is a self-contained, free-standing, hydraulically powered unit designed for fast and accurate makeup and breakout of threaded connections on drilling tools, well completion assemblies and other oilfield related equipment, up to a maximum torque of 100,000 ft-lb.

The machine consists of a fixed headstock and a traversing tailstock. Both are available with a standard open-top design feature to help load tools safely and efficiently. The stocks feature hydraulically controlled clamp cylinders that can go from 3 to 18 in. OD, or up to the machine's maximum diameter size, without the need to change jaws between sizes. This has proved to be beneficial since it can reduce downtime, while decreasing safety hazards associated with changing jaws manually.

The hydraulic system operates at a low working pressure, which can eliminate the need for high-pressure hoses and fittings; thus, reducing costs to the customer and providing a safer working environment.

The DTO high-torque 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 spinner capable of 2,000 ft-lb max torque; 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 easy-load, dual, open-top head design
- 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
- Reduces component requirements and saves downtime with an enhanced dual open-top design

FEATURES

- 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
- Variable electrical supply
- Oil cooler fitted as standard
- Full OEM 12-month warranty

ADDITIONAL SAFETY FEATURES

- Robust, high-visibility hose chain houses all hydraulic hoses and electric cabling
- Low-working-pressure hydraulic system
- Remote clamping

OTHER OPTIONS

- Extensive choice of accessories
- Tailored machine layouts are available
- Customer-specific coatings

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