

Torque Machine Hydraulic Power Unit



Forum Energy Technologies' hydraulic power unit (HPU) is designed and built to power and control AMC torque equipment. Over the years, Forum has redesigned the HPU to incorporate customer feedback and industry requirements to improve user ergonomics, makeup accuracy and process cycle times.

Improved clamping and unclamping speeds can provide users with up to a 68% increase in efficiency, helping to significantly cut "pipe-to-pipe" cycle times. While operating at lower temperatures, the HPU can improve the lifecycle of hydraulic fluid and components by up to 10%, which can also reduce running costs.

The HPU is available as a standard option on all Forum AMC new-build torque equipment, and as an upgrade on existing AMC equipment. This addition, when coupled with a full machine inspection, can help increase machine uptime and extend the life of the equipment, bringing it up-to-date and in-line with the latest industry required standards.

The HPU system is also available with 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

- Increases energy savings by up to 31%, reducing overall life-of-product running costs
- Improves efficiency by increasing rotational speeds by 23%
- Reduces costs and inventory since different machine types (RT or HT) use many of the same components, so fewer consumable parts need to be stocked
- Reduces downtime and improves field machine diagnostics, with greater service accessibility

FEATURES

- Hydraulic pump and motor are mounted on a removable sliding tray to speed up the inspection of these critical components, increasing machine uptime
- Forum TCS, which is positioned directly in front of the operator to ensure information is easily and readily available, provides accurate graph reports on threaded makeups for full authentication and traceability
- Efficient ergonomic layout and ease-of-use controls interface
- Lower noise emissions, resulting in a 50% reduction over previous models