



JAMCompact™ Torque/Turn Monitoring System

The Weatherford JAMCompact torque/turn monitoring system monitors and analyzes the torque, turns, and speed of Weatherford power tongs and the OverDrive™ casing-running and drilling system in real time. This data helps to control tubular connections during makeup and breakout and to ensure that all connections conform to manufacturer specifications.

Compact and lightweight in design, the JAMCompact system enables easy handling and installation in both onshore and offshore operations. The system can be operated locally, via an Ethernet connection, or remotely. It is ATEX certified for use in hazardous environments.

Standard software features provide a torque/turn graph, including a torque/turn tolerance band. Specialized software features provide statistical analysis and reporting on location. The system generates customized client reports with data provided in imperial, metric, or both systems of measurement. The reports can be transferred to a removable, encapsulated, 8-GB, standard USB memory stick.



Applications

- Field torque monitoring, control, and analysis of makeup or breakout for any casing/tubing connections



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Features, Advantages, and Benefits

- The compact, lightweight design enables easy handling and installation.
- The explosion-proof design conforms to EN explosion protection standards, which makes the system compliant in all global regions. (Certificates are shipped with the unit.)
- The real-time, data-acquisition and control system ensures high-quality pipe connections.
- The system samples measurements at a high rate to provide high-resolution documentation of makeups.
- Corrosion resistance makes the system well suited to wet marine conditions.
- The interface is compatible with a wide power range, between 100 and 230 VAC, which eliminates transformer or battery issues.
- The extended operating temperature range, from –40°F (–40°C) to 140°F (60°C), makes the system functional in virtually every climate.

Additional Information

sales-germany@weatherford.com