

# JAMCompact® Touch Torque/Turn System

Monitors, controls, and analyzes torque, turns, and speed during casing running in real time

## Applications

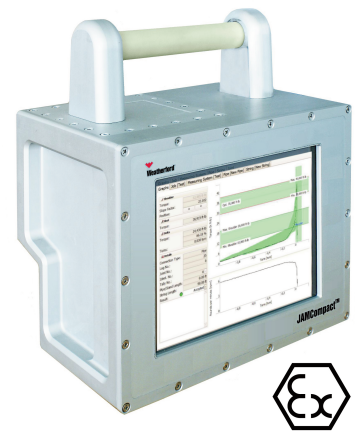
- Torque monitoring, control, and analysis of makeup or breakout for casing and tubing connections in the field

## Features

- Ultrabright, high-resolution, 10.4-in. touch screen for glare-free reading in sunlight
- Two channels for dual-string makeup
- ATEX Zone 1 certification for explosion-proof operation

## Benefits

- The compact, lightweight system is easy to handle and install.
- The system conforms to ATEX Zone 1 standards, which enables rig-wide use of the system. (Certificates are shipped with the unit.)
- Real-time data acquisition and control assure high-quality pipe connections.
- The system measures samples at a high rate (1 kHz) to provide high-resolution documentation of makeups and breakouts.
- The system operates with 24 Vdc and comes with an ATEX Zone 1 certified wide-range power supply.
- Corrosion resistance makes the system well suited to wet marine conditions.
- The extended operating temperature range, from -40°F (-40°C) to 140°F (60°C), makes the system functional in diverse climates.
- The system enables high connectivity using Wi-Fi and a cabled Ethernet.
- The system interfaces with Bluetooth and USB technology.
- The dump signal reaction time is 2 msec.



The JAMCompact touch torque/turn system displays real-time data for monitoring makeup and confirming quality connections.



## JAMCompact® Touch Torque/Turn System

### Tool Description

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

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

Standard software features provide a torque/turn graph, including a torque/turn tolerance band and automated evaluation. Specialized software features provide reporting and statistical analysis on location. The system generates custom client reports with data in imperial or metric units or both. The reports can be transferred to a removable, encapsulated, standard USB memory stick.

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