

Well Control Choke Module

Software plug-in for PRECISE automated drilling systems

APPLICATIONS

Operations using the PRECISE* automated drilling system and the E-CHOKE* drilling choke unit

BENEFITS

- Requires less physical equipment
- Enables faster and simpler rig-up and teardown
- Integrates choke control with other rig equipment controls
- Displays a more accurate choke position

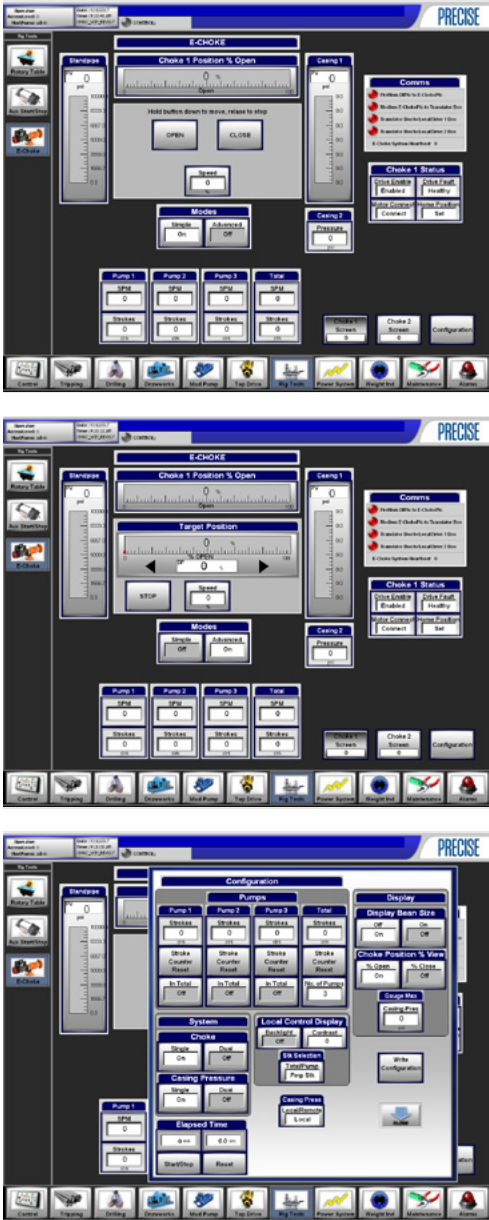
FEATURES

- Full integration with the PRECISE system
- Touchscreen control
- User-friendly control configuration

The well control choke module integrates control of E-CHOKE units into PRECISE systems. With this module, the driller can operate the well control choke alongside all other rig equipment controllable by the PRECISE system. The integrated control uses one set of instrumentation, reducing opportunity for instrumentation, improving the consistency between orders given by the driller and the choke operator.

Like the E-CHOKE unit remote console, the well control choke plug-in provides drillpipe and casing pressure readouts, pump stroke rates and totalizer readings, choke selections, and the ability to perform choke open and close commands away from the choke and local drive box.

The well control choke module expands the functionality offered by the E-CHOKE unit remote console. In addition to opening and closing the choke, the driller can also set a target position value for the choke, enabling full use of the choke's abilities from a remote location. In comparison with a remote console, the plug-in also requires no physical space for installation because it installs into existing PRECISE systems.



With the well control choke module, the E-CHOKE unit can be opened or closed (top), set to a precise target position (middle), or configured (bottom) directly from the PRECISE system.

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