

Mechanized Stabbing Guide

Mechanically guides the upper tubular to the lower tubular for safe, hands-free stab-in when using the OverDrive™ system

Applications

- Installed on platform, jackup, and semisubmersible rigs, or any drilling unit with a 37.5-in., or larger, rotary table
- Used with drillpipe, casing, and tubing

Features and Benefits

- The mechanized stabbing guide easily adapts to any rig and flush-mounted spider.
- Automated, remote operation removes personnel from the red zone for enhanced safety.
- Compatibility with various casing and coupling sizes improves operational flexibility.
- The guide does not need redressing, which saves rig time.
- Polyurethane clamping elements eliminate metal-to-metal contact during stabbing to protect sealing surfaces.

Tool Description

The Weatherford mechanized stabbing guide is used with the OverDrive casing-running and drilling system to replace a manual stab-in guide installed on the box connection of the rotary table joint. The mechanized guide aligns to the pipe and adjusts for the height of different



Used in conjunction with the OverDrive system, the Weatherford mechanized stabbing guide enables automated stab-in of tubulars to remove personnel from high-risk zones on the rig floor.

threaded boxes and for the thicknesses of different pipe walls. Polyurethane funnels and inserts clamp around the coupling at the correct height.

Powered by hydraulics, the stabbing guide has four axes of motion. A

remote control can run the stabbing guide in an automatic sequence.

The mechanized stabbing guide is directly bolted onto the spider. The base of the spider is stationary, and the remaining structure is attached through a rotation shaft.

