



Stabberless® System

The Weatherford Stabberless system consists of four key components that work in combination to safely position tubulars for connection makeup.

- The derrick-mounted patented* StabMaster® vertical alignment system centers the pipe during stabbing, which enhances safety by eliminating the need for a human stabber on the derrick.
- The elevator positioning indicator (EPI) signals the driller to close the elevator at the proper height.
- The Stabberless single-joint elevator (SSJE) is double-hinged for easy installation and removal from joints.
- The integrated safety interlock system avoids accidental dropping of casing and tubing strings by preventing the spider and elevator from opening at the same time.

The Stabberless system increases running efficiency by an average of 14 percent, particularly in adverse weather conditions.



StabMaster vertical alignment system



Elevator positioning indicator



Stabberless single-joint elevator



Integrated safety interlock system

Applications

- 2 3/8- to 36-in. tubulars
- High-cost applications, when weather delays are unacceptable
- Safety-driven operations

Features, Advantages, and Benefits

- The Stabberless system increases running efficiency by an average of 14 percent.
- Memory reliably returns the StabMaster tool to well center, providing repeatable joint positioning for proper makeup.
- The system eliminates the need for a human stabber, the most hazardous position on the rig, and therefore significantly enhances personnel safety.
- The integrated safety interlock system prevents accidental dropping of casing and tubing strings, which saves time and repair costs.
- The design exerts up to 1,000 lbf (4,448 N) to counteract the effects of high winds on large-OD pipe, which enables running operations in adverse weather conditions that would otherwise make operations hazardous or impossible.
- Three gripping heads provide dependable and safe operational performance.
- Customized mounting brackets reduce the need to modify the rig structure and expedite installation.

*U.S. Patent No. 6591471