



### *StabMaster® System*

The StabMaster pipe alignment system—the primary component of the patented\* Weatherford Stabberless® system—is a mechanical device that centers the pipe during stabbing. Before the power tongs are applied for connection makeup, the StabMaster system is lowered and secured around the joint; alignment is remotely controlled from the rig floor, which eliminates the need for a stabber in the derrick.



The StabMaster system uses the patented Stab Set memory feature. After determining the ideal stabbing position (where the connection rotates freely during connection makeup), the operator presses the Stab Set button to store the exact stabbing position in memory. After the connection is made, the StabMaster system retracts to a parked position. For each subsequent connection, the operator presses the Stab Return button to return the StabMaster system (and the joint) to the same position as before.

### *Applications*

- Running and pulling 2 3/8- to 36-in. tubulars
- High-cost applications, when waiting on weather improvement is unacceptable
- Safety-driven operations

### *Features, Advantages, and Benefits*

- The Stab Set memory feature reliably returns the StabMaster system to the well center for efficiency and accuracy.
- Two gripping heads provide dependable and safe operational performance.
- The system is prepared for integration with the rig's zone management system, which enhances operational safety and improves critical path efficiency.
- Customized mounting brackets minimize the need for modifications to the rig structure and expedite installation.
- Remote operation from the rig floor eliminates the need for a stabber in the derrick and significantly reduces the risk of rig floor and stabbing board accidents.
- The design allows running operations in adverse weather conditions, especially in high winds that would otherwise make operations hazardous or impossible.
- The system automatically repeats joint positioning for consistent, reliable alignment, which decreases the cycle time and improves efficiency.

### *Additional Information*

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