



## *Remote-Operated Single-Joint Elevator*

The Weatherford remote-operated single-joint elevator lifts single joints of tubing and casing without manual handling. This eliminates the potential safety hazards associated with conventional elevators. Used in conjunction with the field-proven Weatherford OverDrive™ system, the single-joint elevator provides hands-free tubular running that enhances safety and efficiency.



### *Applications*

- Lifting single joints of tubing and casing (horizontal or vertical)
- Lifting double and triple stands of tubing and casing
- Remotely releasing tubulars during reaming- or drilling-with-casing applications

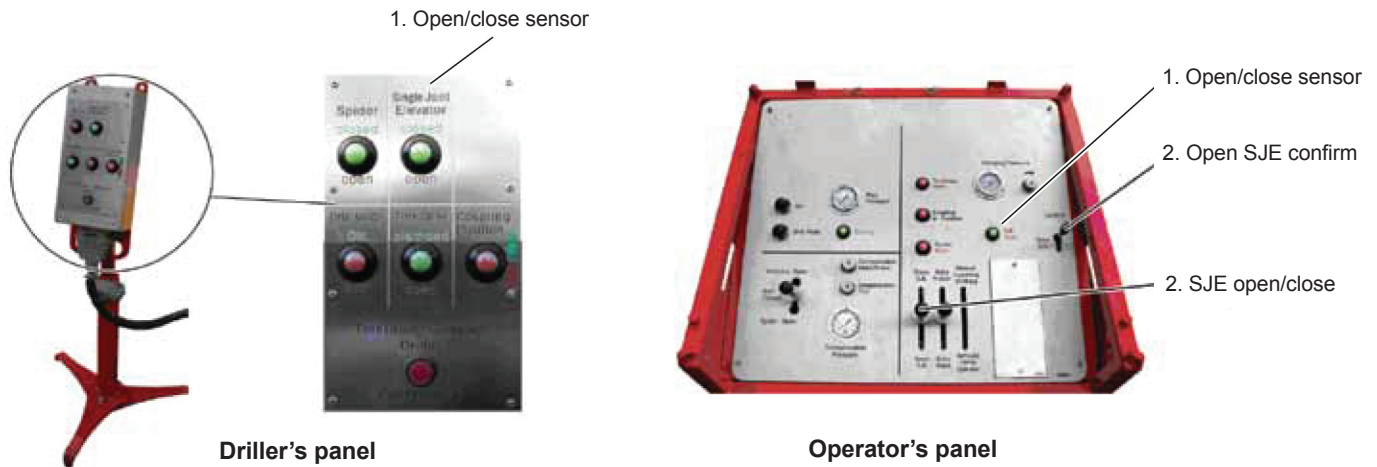


### *Features, Advantages, and Benefits*

- The remote-operated single-joint elevator has several key features that enhance overall safety.
  - The remotely operated latching mechanism eliminates the need for conventional elevators and associated personnel.
  - The safety-interlock system prevents accidental opening of the elevator.
    - Open/close sensors, located on the TorkDrive™ operator and driller panels, indicate the correct position of inserts.
    - Two-handed operation is required at the control panel to open the elevator.
- The insert closing mechanism includes mechanical wedges that prevent the elevator from opening in the event of hydraulic pressure loss. Its robust design promotes durability.
  - All cylinder, wedge, and link pins are isolated from impact damage.
  - The guide slot in the inserts ensures full retraction when the elevator is fully opened.
- Specially designed elevator ears position the elevator at the correct angle to latch onto casing joints (vertical or horizontal). This increases efficiency and eliminates the need for manual intervention.



## Remote-Operated Single-Joint Elevator



1. Open/close sensors, located on the TorkDrive™ operator and driller panels, indicate the correct position of inserts.
2. Two-handed operation is required at the control panel to open the elevator.

## Specifications

Size Range (in.)	Weight Range (lb, kg)	Rating (tons)	Design Standard	Operation
3-1/2 to 9-5/8	401 to 459 182 to 208	6	API 8C	Hydraulic
9-5/8 to 14	370 to 419 168 to 190			
16 to 20	342 to 397 155 to 180			

## Additional Information

[sales-germany@weatherford.com](mailto:sales-germany@weatherford.com)