

# Flush-Joint Elevator

Runs flush-joint pipe without the need to use threaded lift nubbins

## Applications

- Running flush-joint or coupled pipe simultaneously without using lift nubbins
- Running flush-joint pipe without using lift nubbins

## Features and Benefits

- Four slips, including two hydraulically actuated and two passive slips, clamp onto the joint for secure lifting.
- The slips are interchangeable to enable using the elevator to handle pipe of multiple sizes.
- Double hinges simplify removing the elevator from joints.
- Guide brackets on the passive slips aid the installation of the elevator onto the pipe.
- A positive latch mechanism on the pins confirms when the elevator is securely latched.
- The flush-joint elevator saves operators time incurred when changing elevators because the interchangeable slips enable the elevator to handle flush-joint and coupled pipes of multiple sizes.
- The flush-joint elevator also increases efficiency by eliminating the need to thread the lift nubbins to lift and make up each joint.

## Tool Description

The Weatherford flush-joint elevator uses four slips—two hydraulically actuated slips and two passive slips—to clamp onto and run joints of flush-joint or coupled pipe. As each joint arrives at the drill floor, the flush joint elevator is latched around the joint, and the hydraulic slips are activated from the control panel, positively latching it onto the joint. The elevator then lifts the joint to the derrick and is stabbed and made up to the string. After the connection is confirmed as acceptable, the slips are released remotely, and the flush-joint elevator rides down the pipe, which eliminates the need for manual intervention. The main elevator is then latched and the string is lowered into the well.

## Specifications

Pipe sizes	Weight load limit
4-1/2 to 7-3/4 in.	5 tons (4,536 kg)
8-5/8 to 14 in.	5 tons (4,536 kg)



*The flush-joint elevator eliminates the need to thread lift nubbins to lift and make up each joint.*



*The four slips on the flush-joint elevator can be dressed to accommodate different pipe sizes.*

