

# LeadHand 3

## Improve control and increase safety of power tong operations

### Applications

- Casing and tubing operations
- Onshore/offshore operations

### Features and Benefits

- Improves safety without decreasing running speeds
- Offers improved control over conventional handling
- Adaptable for most standard rigs where tongs can be positioned on tracks
- Adjustable carriage can rig up on variable width tracks
- Offers optimal choice and flexibility in installation selection
- Safely controls tong during rough weather

The Baker Hughes Leadhand™ 3 system is a mechanized solution to manipulating power tongs during casing and tubing operations. The system is easy to install and offers improved control over conventional methods. The system offers a safer, less labor-intensive way to manipulate hydraulic power tongs.

The LeadHand 3 is a positioning device that moves to/from well center mounted on portable tracks or can be used on the existing tracks installed on the rig floor. It also has the capability to raise and lower the casing tong to align with the connection height.

The LeadHand 3 base can be adjusted to varying widths allowing it to be compatible with any pre-installed tracks. The LeadHand 3 is mechanized where it can be controlled from a portable remote.

The LeadHand 3 requires only one operator to control both the positioning and the tongs during a makeup. The operator commands the Leadhand 3 to well center and retrieves it once the connection has been made up. The operator also controls the integrated lift cylinder to adjust the vertical height of the tongs and can open and close the tong doors remotely.

Enhance safety by eliminating the need for work stands and avoid personnel entering the red zone by operating the LeadHand 3 in conjunction with the flush-mounted spider.

### Safety and handling

Before handling, transporting, or use, review the manual for guidance.

### Technical specifications

<b>Max hydraulic pressure</b>	3,000 psi
<b>Minimum hydraulic flow</b>	60 gpm
<b>Height</b>	111.4 in.
<b>Length</b>	89 in.
<b>Width</b>	65 in.
<b>Track width range</b>	51.8 to 81.8 in.
<b>Weight</b>	2,976 lb (1,350 kg)
<b>Max conn. height</b>	57.2 in.
<b>Max height</b>	115.2 in.
<b>Max tong weight</b>	4,961 lb (2,250 kg)

