

LeadHand 7

Improve control and increase safety of power tong operations

Applications

- Large OD casing operations
- Onshore and offshore operations
- >10,000 lb power tong positioning without tugger use

Features and Benefits

- Offers improved control over conventional handling of extremely large power tongs (>10,000 lb)
- Can be adapted for most standard rigs where tongs cannot be suspended by tuggers or set on tracks
- Improves safety without decreasing running speeds
- Remotely control & position power tong from console clear of the red zone
- Safely controls tong during rough weather

The Baker Hughes Leadhand™ 7 system is a mechanized solution to manipulating large power tongs during casing operations. The system is easy to install and offers improved control over conventional methods. The system offers a safer, less labor-intensive way to position hydraulic power tongs.

The LeadHand 7 is a positioning device that moves to/from well center via a fixed position base. The LeadHand 7 requires only one operator to control both the positioning and the tongs during a makeup. The operator commands the Leadhand 7 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 independently control all other functions of the power tong from the same control panel or remote control safely away from the red zone.

Enhance safety by eliminating the need for work stands and avoid personnel entering the red zone by operating the LeadHand 7 in conjunction with the flush-mounted spider.

Safety and handling

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

Technical specifications	
Max hydraulic pressure	3,000 psi
Minimum hydraulic flow	60 gpm
Height	112 in.
Length	117 in.
Max width	95.7 in.
Extension	69 in.
Max conn. height	104"
Weight	10,360 lb (4,700 kg)

