

14 3/8 Inch Remote Tong System

Key Benefits and Features

- Equipped with Frank's Safety Door Interlock System
- Remote operation enhances safety by removing personnel away from the well center
- Quickly converts from casing mode to drill pipe landing string by adjusting the separation distance between the tong and backup
- System design allows for single lift of the entire system to the rig floor
- The modular rail system enables the 14 3/8 inch Remote Tong System to be positioned on various rig floor layouts/sizes
- Compatible with Frank's DATA TREK® Advantage Data Acquisition System
- Unique tong suspension system compensates for thread loss during make-up
- Carriage design provides tong with 50 inches of vertical travel
- Tong cage plate alignment indicator for fast tong removal
- Requires rig air supply for control system



Use in the following applications:

Deepwater and ultra-deepwater

The 14 3/8 Inch Remote Tong System is a portable stand alone tong system that is capable of accepting cassettes equipped with various Frank's model tongs. This enables the system to accommodate pipe sizes 3 1/2 inches through 14 3/8 inches and is FLUID GRIP® capable 4 1/2 inches through 12 inches.

Model	Dimensions (LxWxH)	Weight	Torque High Gear/Low Gear	Max Speed	Casing Range
Remote Tong Carriage	100 inches x 78 inches x 112 inches	12,500 pounds	N/A	N/A	N/A
14 3/8 Tong Cassette Module*	90 inches x 54 inches x 90 inches	6,700 pounds	11,000 ft-lbs / 70,000 ft-lbs	23.1 rpm	7 inches - 14 3/8 inches
7 5/8 Tong Cassette Module**	90 inches x 54 inches x 90 inches	3,900 pounds	5,600 ft-lbs / 30,000 ft-lbs	101 rpm	4 inches - 7 5/8 inches
4 1/2 Tong Cassette Module***	87 inches x 54 inches x 93 inches	5,300 pounds	2,700 ft-lbs / 12,000 ft-lbs	50 rpm	2 1/16 inches - 4 1/2 inches