

# STAB-RITE



## ***“Safe & Accurate Pipe Alignment”***

Frank's Stab-Rite is a remotely operated pipe positioning system designed to enhance rig safety and performance during a variety of casing, tubing, drillpipe, riser, and drivepipe applications. The system's powerful jaws maintain control of tubulars, reducing crew fatigue during critical pipe handling operations. Stab-Rite has the capability of moving the pipe safely away from the well center until needed and then accurately repositioning the pipe for initial stab.

### **SAFETY...**

- \* No derrickmen are required when used with Frank's supplied remote control elevators, including the patented "Interlock" technology.
- \* Operator interlock feature prevents accidental tool deployment.
- \* Auto-Lock safety feature prevents accidental release of pipe.
- \* Operator controls comply with Class 1 Division 1 electrical requirements.
- \* Reduces crew fatigue.
- \* Equipped with remote LED lights and audio alarm.
- \* Improved paint scheme enhances visibility.
- \* Remote camera systems available to improve driller's visibility.



***Stab-Rite in Upright Locked Position***



***Stab-Rite Aligning 14.75" Production Riser***

### **INSTALLATION...**

- \* Derrick interface can be done as an offline operation.
- \* Can be interfaced with rig Zone Management Systems.
- \* Stores in upright locked position.
- \* Total rig-up time is less than one hour.
- \* Can be interfaced with rig hydraulic system.

### **SAVES RIG TIME AND MONEY...**

- \* Eliminates crossthreading during make-up and back-out.
- \* Safely increases "joints per hour" run.
- \* Enhances overall safety of pipe running operations.
- \* Increases thread reliability by reducing misalignment during make-up.

*Stab-Rite allows pipe-running operations to continue when conventional methods might otherwise be shut down due to rough seas.*



**Stab-Rite Guiding Tubular Through 750 ton Elevator**

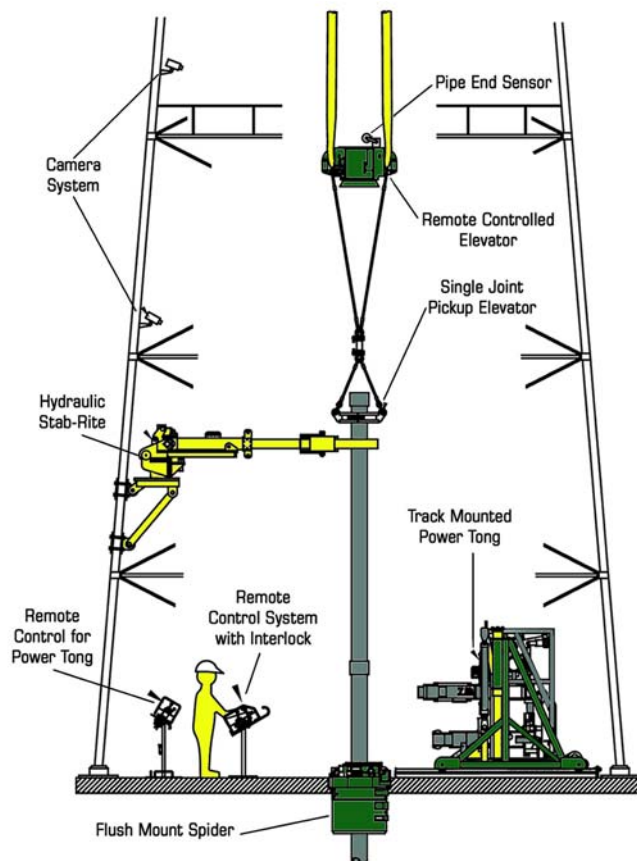


**Audible Alarm & Light Position Panel**

**Specifications**

<b>Stab-Rite:</b>		
Weight (less calipers)	1,250 lbs.	
Pipe Contact Points	4	
Pipe Size Range	2.375" - 48"	
Optimum Mounting Heights	20 ft. to 30 ft.	
<b>Reach Capabilities:</b>	<b>Min:</b>	<b>Max:</b>
Model 4.0	43"	53"
Model 5.0	51.50"	68.50"
Model 6.0	58.25"	85.75"
Model 7.5	76.25"	112.25"
Model 10	106.25"	142.25"

<b>Electric Power Unit:</b>	
Weight	1,600 lbs.
Dimensions	L: 36" W: 36" H: 52"
Power Requirements	30 amp 480 volts
Optional	240 volt transformer
Variable Displacement	0-6 GPM @ 1,500 PSI
Fixed Displacement	4.5 GPM @ 1,500 PSI
Hydraulic Fluid	mineral-based
Suitable for use in Class1 Division 2 Group D	



**Frank's Automated System**