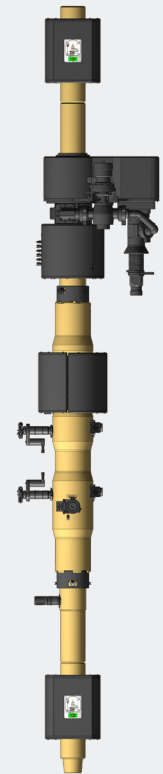


SKYHOOK® Wireless Cement Line Make-Up Device

Features and Benefits

- Mud saver feature holds back cement line fluid while lifting to prevent mud falling to the rig floor and reduce cleanup after disconnecting the cement line
- Fully compatible with existing high-pressure cement hose or cement line
- Primary and secondary locking mechanisms secure stinger until release command is given to guard against accidental disconnect
- Proximity switches indicate proper stinger locking to provide indication on rig floor before cementing operations occur
- Custom wire rope spooling system maintains orderly cable spooling for smooth and efficient deployment and retraction
- Permanently mounted low torque cement plug valve allows for racking back the head and reducing damage or separation
- Simple rigging of snatch block for snubbing-off torque plate to allow for rotation
- Manual override of wireless features allows for backup manual cement head operation
- Radio signal filtering blocks Wi-Fi® and other wireless transmission interference for increased reliability



Use in the following applications: **Deepwater and ultra-deepwater** Shelf Land

Frank's International's industry-exclusive SKYHOOK® Wireless Cement Line Make-Up Device allows operators to remotely make-up the cementing iron or hose without the need to send personnel above the rig floor. Featuring our advanced wireless automation system, the SKYHOOK® Wireless Cement Line Make-Up Device not only increases safety and efficiency through remote operation, but further allows for faster cement line rig up by eliminating rig floor hydraulic umbilical lines and operating console.

Specifications

Maximum Working Pressure (PSI)	Maximum Pick Up Load (LBS)	Maximum Operating Height (FT)	Line Lift Speed	Maximum Pump Rates (BPM)
10,000	1,000	150	30 ft/min	15 BPM through 2" 1502

