

Well Construction

Cementing Technologies

SKYHOOK® Wireless Cement Line Make-Up Device

Expro'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.

Features

- 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

Specifications

Max. working pressure (psi)	10,000
Max. pick up load (lbs)	1,000
Max. operating height (ft)	150
Line lift speed	30 ft/min
Max. pump rates (BPM)	15 BPM through 2" 1502

