

PRESS TOOL

SPECIFICATIONS SHEET

PRODUCT:
Rig Accessory

CATEGORY:
Blowout Control

COMPATABILITY:
Vertical and Slant

PRODUCT OVERVIEW

Industry's First Shut-in System for Tubing

In the oil and gas industry, safety is paramount. Traditional methods of managing well control, especially in thermal fields, present significant risks to workers and the environment. PRESS (Prostar's Remote Emergency Shut-in System) offers a revolutionary solution, providing immediate and remote shut-in capabilities to protect your employees, contractors, and assets.



TECHNICAL DATA SPECIFICATION

Product Characteristics	Details
Tubing Compatibility	Accommodates tubing sizes from 60.3mm to 139.7mm (2-7/8" to 5-1/2" OD).
Operating Pressure	Capable of withstanding pressures up to 3000 psi.
Temperature Range	Designed to operate in temperatures up to 250°F (121°C).
Response Time	High-performance hydraulic actuator for immediate shut-in within seconds.

PRODUCT FEATURES

Key Benefits



01 Remote Operation

Allows remote shut-in while workers evacuate hazardous areas with high pressure, steam, and toxic gases.



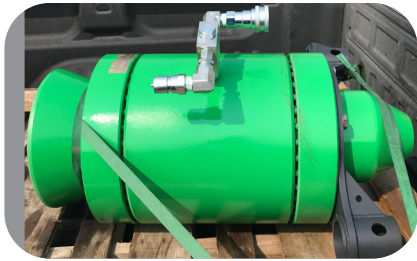
02 Ready for Action

Attached to the top drive and kelly hose, the PRESS is always set up and ready for a kick or blowout.



03 Environmental Protection

Without this shut-in ability, waiting for blowout specialists results in significant oil and gas spillage.



04 Cost Efficiency

Reduces the need for expensive specialty services and extensive cleanup efforts.

HOW IT WORKS

The PRESS provides immediate shut-in capability for tubing. Upon detecting a kick or blowout, operators can activate the system from a safe distance, minimizing exposure to hazards. This device is then pressed over the tubing and hydraulically closed, withstanding high temperatures and pressures to ensure a secure shut-in. The rigs built-in top drive and remote pumping ability allows for immediate regaining of well control, preventing the uncontrolled release of steam, bitumen, and toxic gases. Built to rigorous standards enhancing well control capabilities, protecting the workforce, and reducing environmental impact while maintaining operational efficiency.

PRODUCT RELIABILITY



Prostar developed and constructs the PRESS tool in collaboration with experienced and reputable control system suppliers, incorporating API standards and quality control practices. Tested to 2000 psi wellbore pressures with satisfactory results, this tool has proven effective in real-world well kick shut-ins.

VIDEO LINK



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