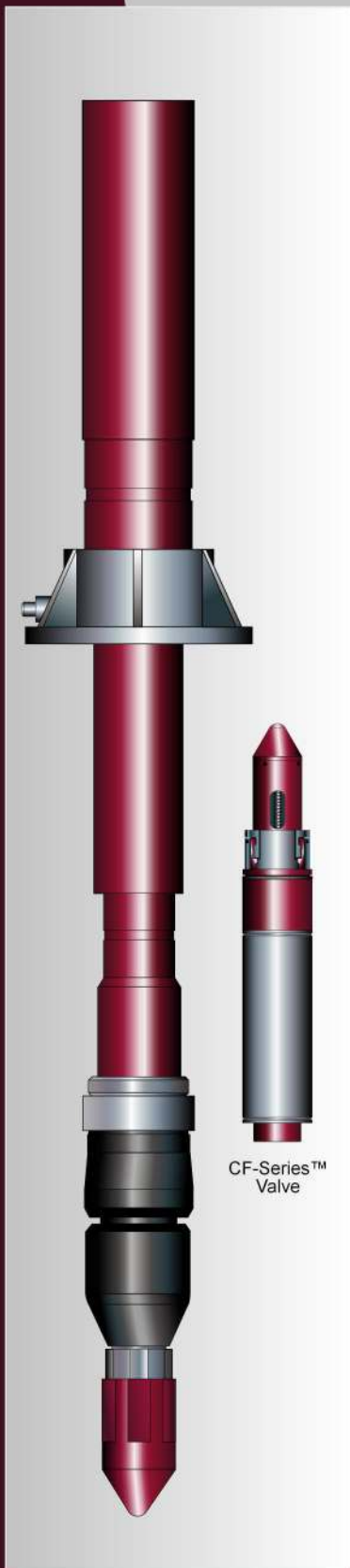


DrawWorks StabberLess Rigid AutoFill™



The **STABBERLESS RIGID AUTOFILL™** system is designed to facilitate filling, circulating and flow-back when there is no stabber in the derrick, reduces the time required to run casing and allows for immediate circulation if difficulty in running the casing is encountered because of well problems. The system allows the rig pumps to be used in the fill-up process while making up and running each joint of casing. This tool hangs inside the elevator to allow easy stab-in operation and is widely used in the Gulf of Mexico.

When using a StabberLess Rigid AutoFill™ system with no man in the derrick, the safety aspect increases greatly.

The StabberLess Rigid AutoFill™ system can run on top drives & conventional rigs with hooks. The conventional rig adaptor & mud hose assembly is sold separately.

The **CF-Series™** fill-up valve provides an internal valve which opens when you begin pumping to fill or circulate. The valve will close when the pumps are stopped to prevent fluid from dripping onto the rig floor. This valve also has a large flow-back area to facilitate running a liner or casing string with an open ended or flow-back float shoe.

Features and Benefits

Push Plate

– This assembly provides for a “false” shoulder for the casing to hit, should the casing begin to float or should you hit an obstruction while running the casing string. Should the elevators become difficult or impossible to release, the push plate can be moved upward allowing the traveling block and elevators to be lowered and the elevator slips to be released. Plus, you can use the push plate to push through tight spots and keep from getting the casing stuck.

Spacers

- To accommodate 8' to 24' long bails and different top drives sealing units
- Allows the unit to seal to the casing allowing you to perform fill-up, flow-back & circulating job

CF-Series™ Valve

- This valve keeps the mud or circulating fluid from spilling out of the unit, plus allows the option to fill-up, circulate and take flow-back, at any time.

Specifications

Sizes	Flow Rates	Max PSI
4-1/2" to 5-1/2"	12 bpm	3000 psi
7" to 7-5/8"	16 bpm	3000 psi
8-5/8" to 20"	26 bpm	3000 psi



*Circulating and flow-back tools
for casing and drill pipe*