

Manifold Systems

Drilling, Production, Testing

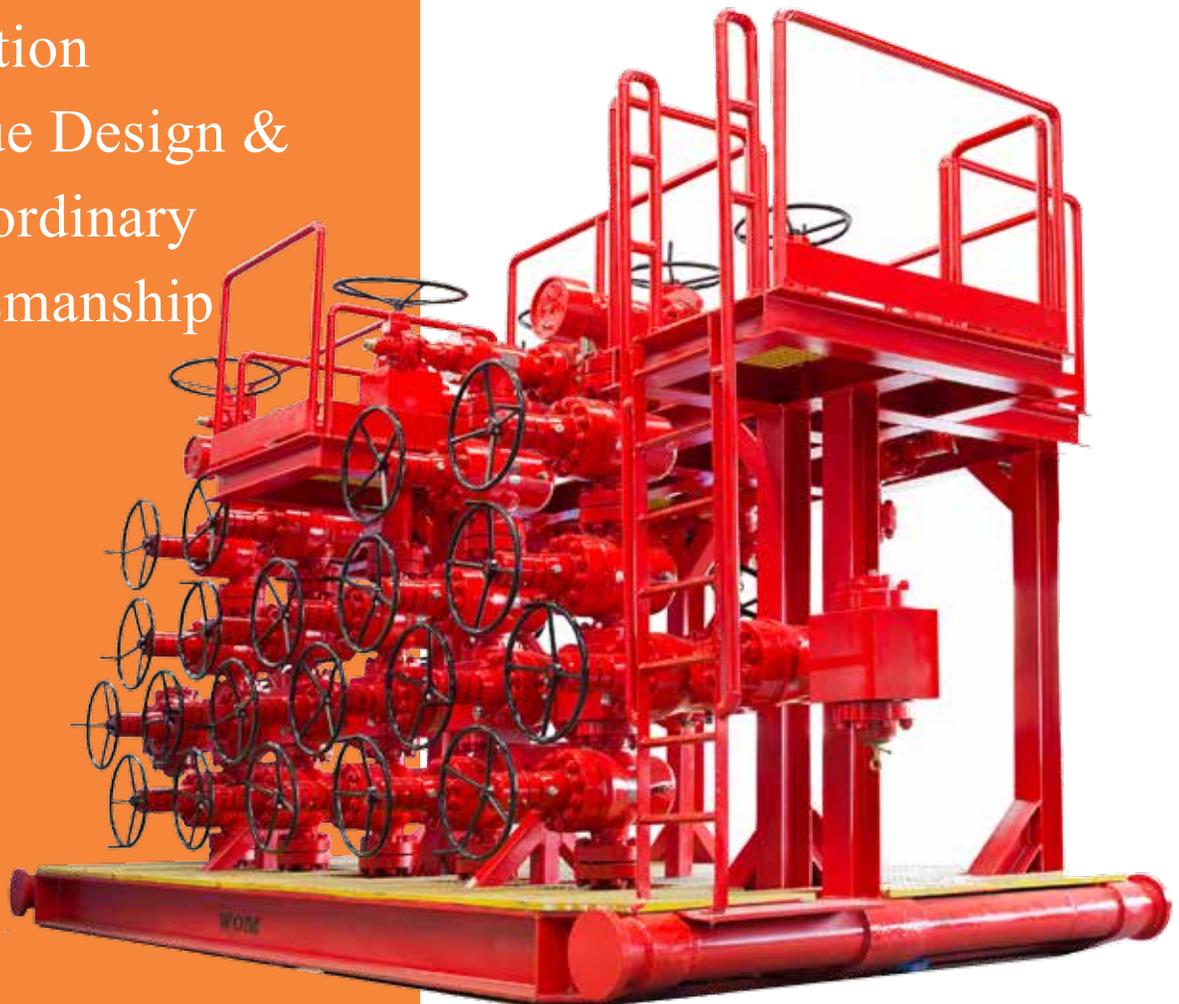


WORLDWIDE OILFIELD MACHINE
Est. 1980



WORLDWIDE OILFIELD MACHINE

Invention
Unique Design &
Extraordinary
Craftsmanship



Choke & Kill Manifolds

WOM specializes in the manufacture of manifolds for a complete range of onshore and offshore applications. WOM manifold systems may incorporate WOM's Magnum gate valves, check valves, plug valves, chokes, and WOM actuators depending upon the application.

WOM manifold designs meet virtually any industry requirement, including H2S environments up to 20,000 psi. Skid mounted and fully automated packages are available complete with control panels and instrumentation.



Well Test Choke and Kill Manifold



Choke & Kill Manifolds



HIGH PRESSURE CHOKE & KILL MANIFOLDS



Subsea Choke and Kill Manifold

Standpipe and Cement Manifolds



Standpipe Manifold
Installed on the
Sedco Express

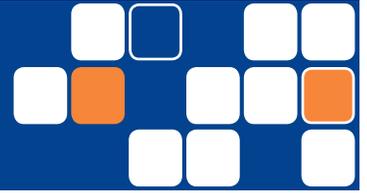


Scorpion Defender Rig #2



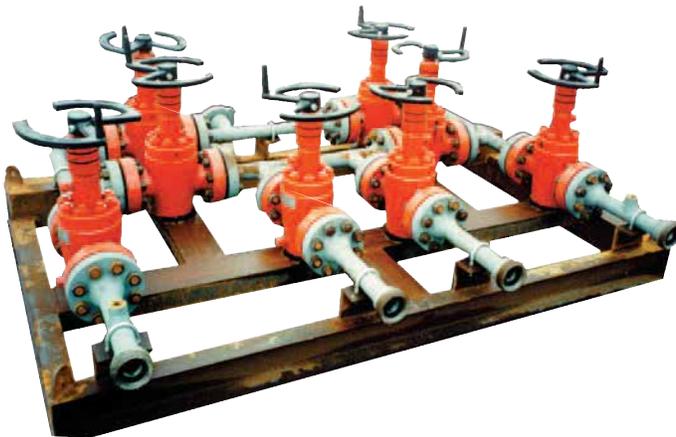
High Pressure Choke and Kill Manifold
installed on the Discover Spirit

Well Test Custom Design



7-1/16" 15,000 psi
Pig Launcher/Receiver Skid
and Manifold

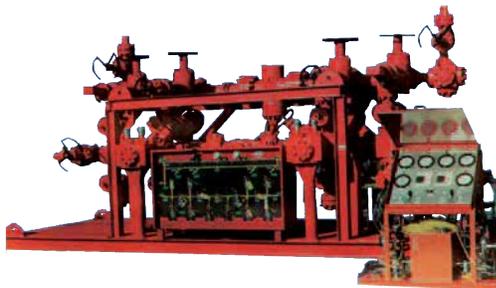
WOM designs, manufactures, and supplies high pressure choke and kill manifolds, standpipe manifolds, cement manifolds, well test manifolds, and custom application manifolds.



Standpipe Manifold



High Pressure Choke and Kill
Manifold w/Hydraulic Control Panel



High Pressure Choke and Kill
Manifold w/Remote Choke Console



High Pressure
Floor Choke and Kill Manifold

Manifold System Components

GATE VALVES

At the heart of WOM manifold systems, is the Patented Magnum Gate Valve. WOM's Magnum Gate Valves provide sealing reliability that is unmatched in the industry. The Patented design has been proven in hundreds of well control applications during drilling, testing, and production...onshore, offshore, and subsea. WOM also provides the Magnum Mud Gate Valve, the Model 200, and the Model 200M Gate Valve as an alternative in many manifold systems.

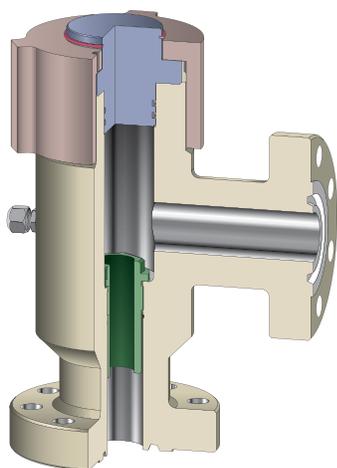
WOM has developed a broad range of gate valve actuators for a variety of pressure control applications. Pneumatic and hydraulic actuators are available as Fail Open and Fail Close to match pressure control requirements and customer applications. Each type is manufactured to match valve sizes 1-13/16" through 7-1/16" with API ratings from 2,000 through 20,000 psi.



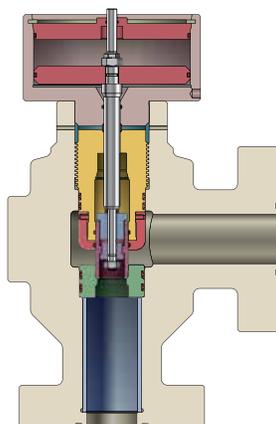
Magnum Gate Valve

CHOKES

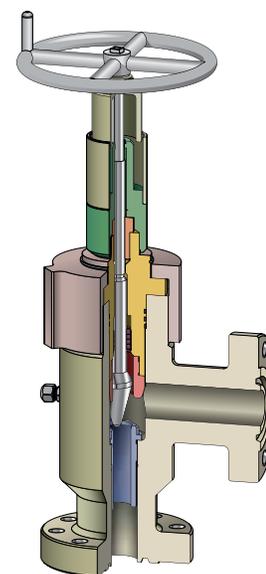
Available in sizes 2-1/16" through 4-1/16" in pressure ratings of 2,000 psi through 20,000 psi.



Positive Choke

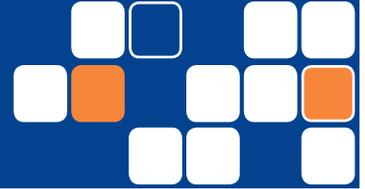


Hydraulic Drilling Choke



Manual Adjustable Choke

Manifold System Components



ACTUATORS

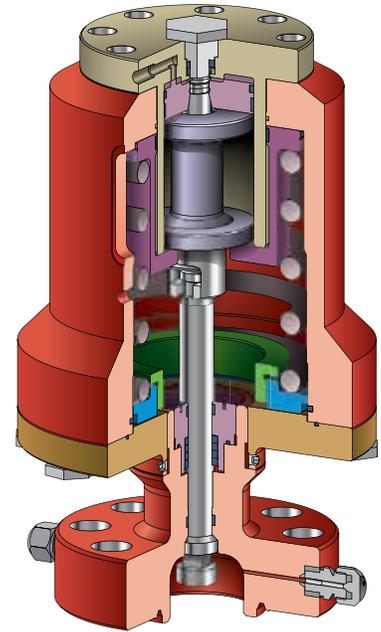
WOM's Pneumatic and Hydraulic actuators are manufactured and tested to API 6A.

Liberal use of wear rings in WOM's actuator assure a long life.

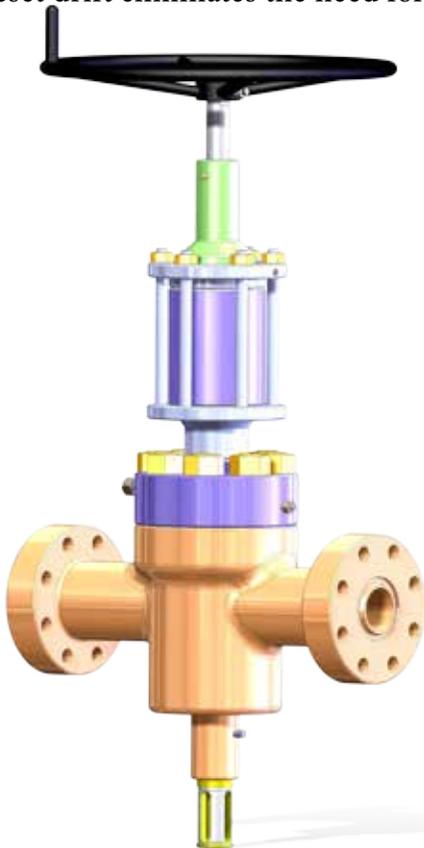
WOM's actuator has single forged unitized top cap and cylinder for simple in-line maintenance. WOM's quick disconnect mechanism for the actuator allows fast removal without disturbing the body / bonnet connection. Provides immediate access to stem packing.

Anti-explosive decompression seals and energized non-elastomeric lip seals are available.

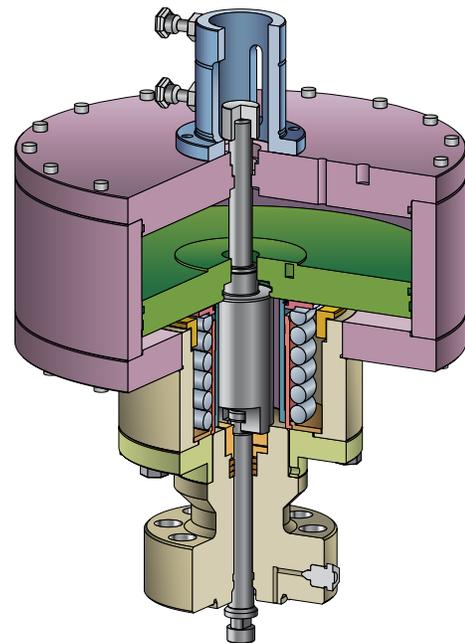
Factory preset drift eliminates the need for field adjustments.



Hydraulic Fail-Safe Actuator



Hydraulic Double Acting Actuator with
Magnum Gate Valve



Pneumatic Fail-Safe Actuator



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