

API 16C High Pressure Choke and Kill Manifold System



Sudden pressure spikes and unexpected kicks during drilling present catastrophic risks if manual flow diversion lags. Our integrated system delivers instant remote hydraulic valve responses paired with automated real-time pressure monitoring telemetry. Essential well control deployment for managing flowback, controlling casing pressures, and ensuring balanced drilling safety.

Key Features & Advantages

- **Rapid Emergency Response:** Fully integrated hydraulic remote control console delivers rapid micro-second valve response with clear digital positioning, pressure and stem telemetry
- **Corrosion Resistant Design:** Complete stainless steel console housing and integrated internal hydraulic routing ensure maintenance-free service in salt-spray conditions
- **Real-Time Monitoring:** Automated pressure monitoring telemetry provides continuous well control data for proactive decision-making
- **Flexible Configurations:** Single-wing, dual-wing, and multi-wing configurations available to suit specific operational requirements
- **Multiple Power Options:** Pneumatic or electric driven hydraulic pump stations for versatile deployment

Technical Specifications

Specification	Details
Working Pressure	2,000 Psi to 25,000 Psi
Bore Sizes	2-1/16" to 4-1/16"
Configuration Type	Single-wing, Dual-wing, Multi-wing
Control Power	Pneumatic or Electric driven hydraulic pump stations
Control System	Remote hydraulic control console with digital telemetry
Material Options	Carbon steel, alloy steel, stainless steel with corrosion-resistant options
Compliance	Full API Spec 16C compliance

Application

- **Drilling Rig Contractors:** Essential well control assembly for managing unexpected kicks and gas influxes
- **Safe Balanced Drilling:** Sustaining bottomhole pressure balance through controlled bleed-off lines

- **Well Control Operations:** Managing flowback and controlling casing pressures during drilling operations
 - **Offshore & Coastal Rigs:** Corrosion-resistant design ideal for coastal and offshore drilling environments
 - **Customization Available:** Customized manifold geometry layouts to fit specific offshore platform floor constraints or containerized configurations
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Product show

