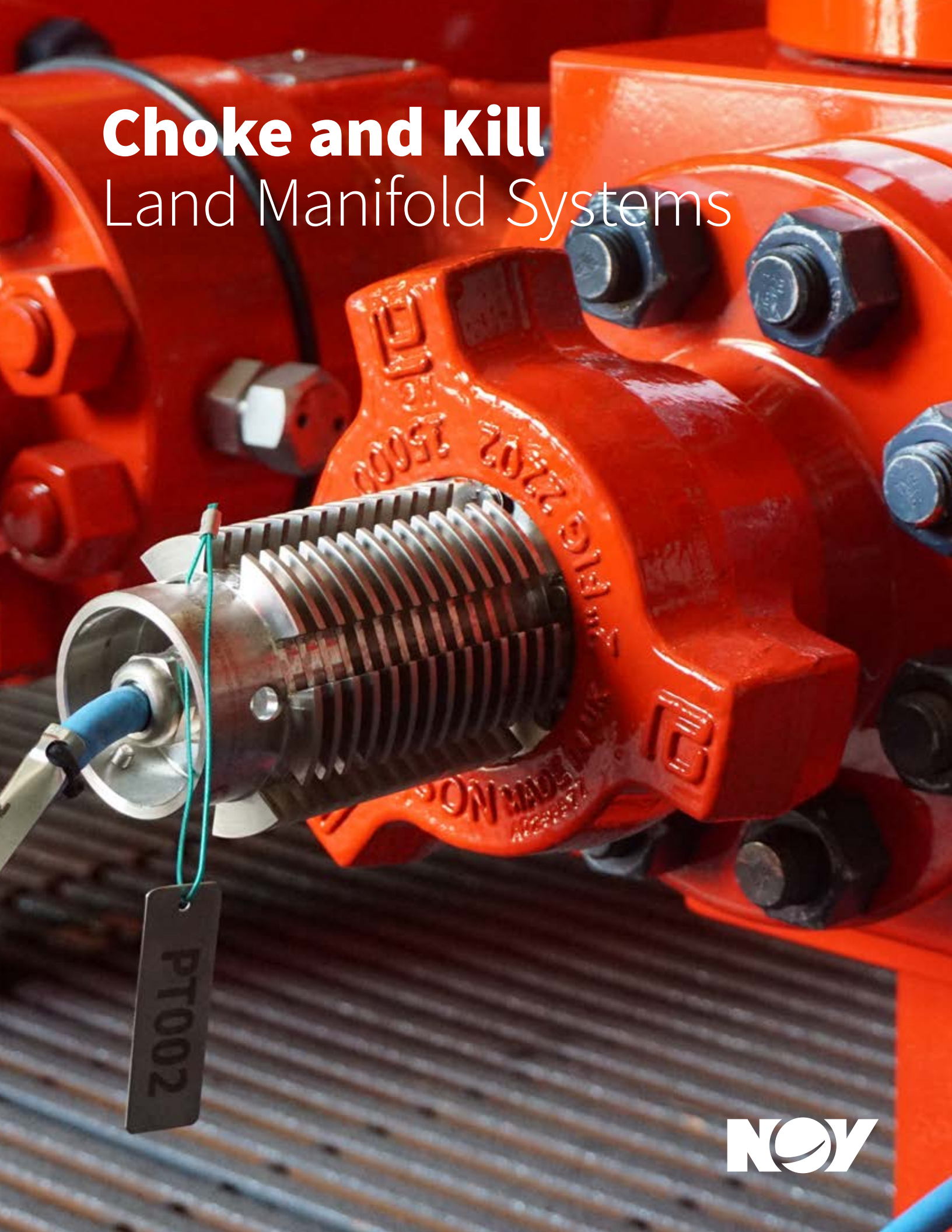
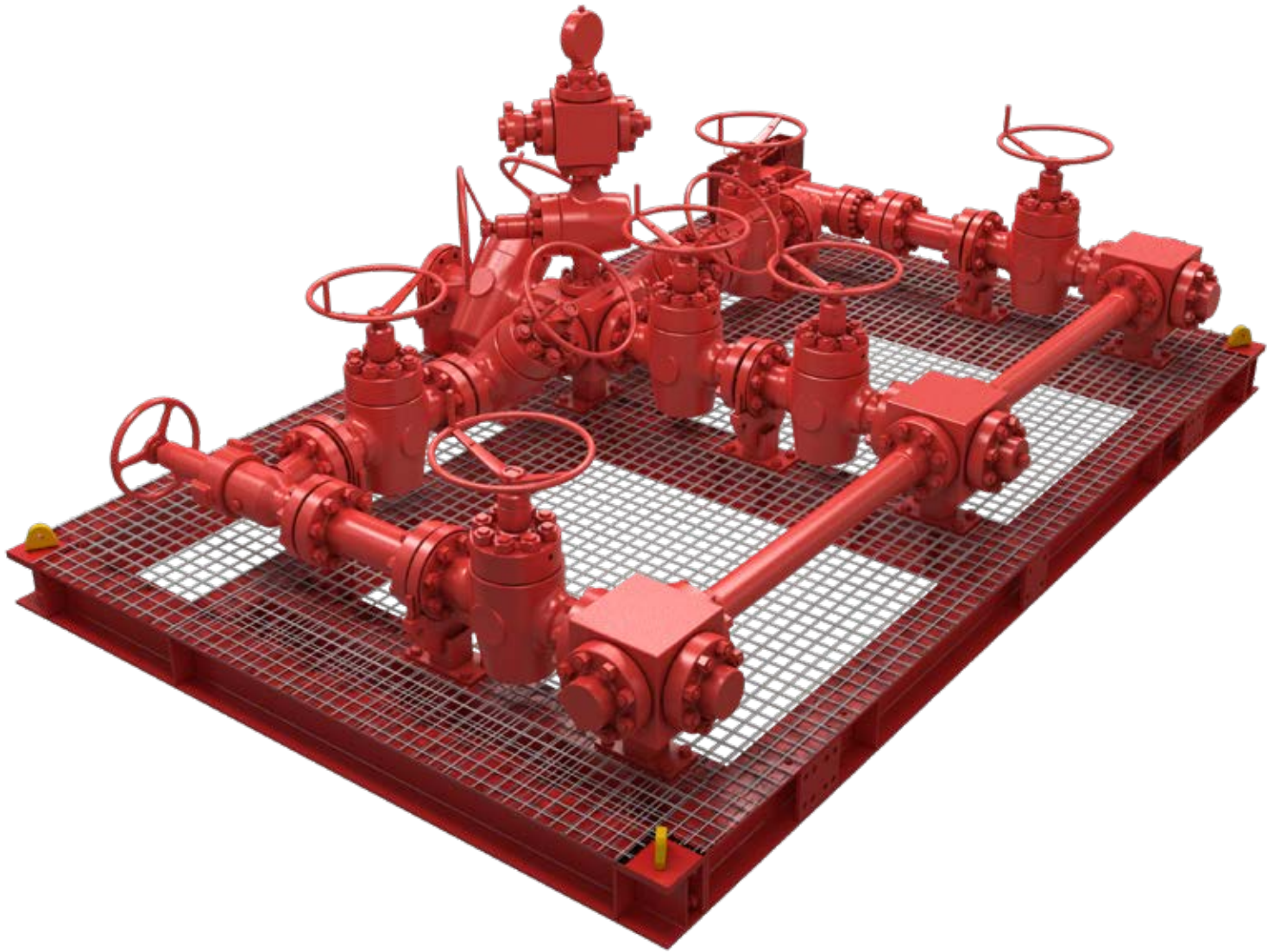


# Choke and Kill

## Land Manifold Systems





## Standard choke manifold options

Our configurable choke manifold designs provide a cost-effective option for your most demanding land rig applications. We offer API Standard 53 and API Spec 16C compliant selections with custom options available, and we can provide you quotations in less than one day. Ninety percent of our manifold parts are the same size for all choke sizes, allowing you the ability to interchange parts.

With spare parts ready when you need them, our inventory strategy supports on-time delivery of our manifolds. We've minimized our target delivery time to eight weeks, reducing the lead time to give you a competitive advantage.

### Standard configuration

No.	Design	Buffer Chamber	Size
1	2-Choke Design	Configurable buffer chamber	3 in. 5K
2			3 in. 10K
3			4 in. 10K
4		With buffer chamber	3 in. 5K
5			3 in. 10K
6			4 in. 10k
7	3-Choke Design	Configurable buffer chamber	3 in. 5K
8			3 in. 10K
9			4 in. 10K
10		With buffer chamber	3 in. 5K
11			3 in. 10K
12			4 in. 10k

# Choke and kill manifold systems

## Features and benefits

Our easy-to-install choke and kill manifold offers simple operation and maintenance within a small footprint, which provides a cost-effective option for your land rig applications and overall ownership costs.

Each of our NOV Land Manifold Systems feature robust designs, and include these proven features and subcomponents:

### Specifications

- Inconel nickel-chromium alloy 625 inlay for high strength and outstanding corrosion resistance
- Lower ownership costs

### Competitive delivery

### Customizable

Flexible to customer valve preference.

### NOV API 6A monogrammed gate valve

Industry-proven design, performance, and reliability. Forged steel body and bonnet, bidirectional sealing, low operating torque, manual operated (non-rising stem).

### Optimized design for transport

Reduced weight and footprint to allow for standard freight options.

### Aftermarket Service

Key operational spares stored at locations globally to ensure 24-hour support

### Innovative skid frame

Configurable design allowing for low maintenance.

### Standard control panels are available with multiple options:

- Open frame construction
- Choke and standpipe pressure gauges
- Choke position
- Mud pump stroke counter



Choke manifold specifications*	
Working pressures	5,000 psi and 10,000 psi available
Size	API 3 $\frac{1}{8}$ , 3 $\frac{1}{16}$ and 4 $\frac{1}{16}$ in.
Service	DD-NL/Sour/NACE MR0175
API standards	API 6A/16C/Std 53 available
Temp class	P+U (-20° to 250° F)
Choke model	E-S Disk Style/HXE-G3/CH-2
Isolation valves	2300 SFC Gate Valves
Products specification level	PSL-3
Verified skid structural analysis	Yes
Manufacturing certification	ISO 9001

\*Other options available upon request

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