

Wrangler

BOP handling system

APPLICATIONS

- Land drilling operations

BENEFITS

- Facilitates faster BOP rig-down and rig-up time
- Extends equipment life
- Improves BOP stack positioning
- Increases safety by avoiding the need for personnel to be directly under the blowout preventer stack
- Enables BOP stack pressure and function testing to occur on site
- Provides a reliable means of lifting the BOP stack and wellhead components

FEATURES

- Redundant lift and raising cylinders for reliability
- 5-degree BOP movement for more accurate stack placement
- Compatible with a Texas deck for easy access to annular area
- Reliable control system, with electronic control systems available
- Test flanges available for offline testing of stacks
- Specialized kits available for a wide range of stack sizes

The Wrangler* BOP handling system is a fast and efficient alternative to assembling the BOP stack on the wellhead. This proprietary, single-stack handling system enables the BOP stack to be transported via truck in a single, manageable piece, and then slid into place more safely than if the BOP stack were assembled on site. To further facilitate wellhead operations, this system enables faster upright installation of the BOP stack and incremental manipulation of the stack at the well center.

The Wrangler system is available in standard 20-, 30-, and 40-tonUS models, with other sizes provided upon request. Schlumberger will also custom design and manufacture a system to meet unique customer requirements and specifications.

Safer and more efficient BOP setup

Each Wrangler system is designed to increase efficiency by reducing the time required for rig-down and rig-up operations. Offering a viable alternative to conventional handling systems, these BOP handlers provide a higher degree of positioning control. This enhanced positioning capability of the Wrangler system also offers an additional measure of safety by eliminating the need to man the cellar or steady a swinging stack during handling operations.

Taking everything into consideration, the Wrangler system reduces time and labor requirements for rig-down and rig-up operations, while reducing BOP stack wear and tear. In addition to the important benefits, this system adds to the safety of any BOP transport and set-up operation.



The Wrangler system enables safer and more efficient assembly, transportation, and installation of BOP stacks.

Specifications

Model, tonUS	20	30	40
Lift capacity, lbm [kg]	40,000 [18,144]	60,000 [27,216]	80,000 [36,287]
V-door to drawworks, in [mm]	66 [1,676] to V-door side of well center 6 [152] to drawworks side of well center		
Drillers to off-drillers, in [mm]	+/-3 [+/-76] to either side of well center		
Rotation	1½ bolt holes		
Vertical lift, in [mm]	60 [1,500]		
Skid tare weight (without BOP stack), lbm [kg]	23,000 [10,433]	28,000 [12,701]	48,000 [21,722]

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