

Land Closing Unit

Onshore BOP control system

APPLICATION

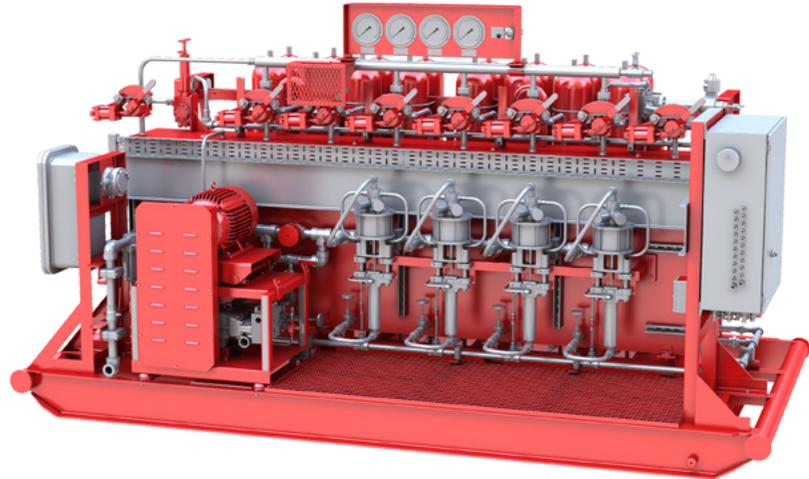
Onshore land drilling operations

BENEFITS

- Improved safety and serviceability with industry-leading layouts and field-tested components
- Systems that can be designed and manufactured to meet all major companies' specifications, including API 16D, ATEX, and all European directives
- Servicing options available in the US, Canada, South America, and internationally

FEATURES

- Designed and manufactured per API 16D
- Low-pressure alarm available
- Triple redundancy
- Standardized components
- Modular design for simple configurability
- Several available skid designs
- High-quality programmable logic control (PLC) components that minimize the potential for compatibility issues with rig electronics by working with most PLC manufacturers' control equipment
- Touchscreen PLC, push-button hardwire PLC, and pneumatic remote options available
- Optional Class 1, Div.1, ATEX, and other safe-area offerings
- Available API 16D monogram



As a crucial component of well control, Cameron land closing units are built to high quality standards and meet API 16D requirements. The land closing units use precharged nitrogen bladder accumulator bottles, hydraulic fluid, and electric- and air-based pumps to generate pressure to operate multiple functions on a BOP stack. Remote panels are offered in electric PLC touch screen, electric PLC push button, or pneumatic air-based remote options.

Cameron offers standard system designs that complement our ram-type BOPs and also custom-engineered designs. Our standard designs include industry-leading layouts that improve the safety and serviceability of our land closing units.

Specifications

Model	Volume size, galUS	Number of stations (including annular)	Drive assembly	Skid type	Remote panel
CLC-300	300	7-8	One electric-electric and four pneumatic	Stationary	Touchscreen PLC, push-button PLC, or pneumatic remote
CLC-500	500	8	Two electric-electric	Stationary	Push-button PLC
CLC-700	700	16	Two electric-two electric	Stationary	Push-button PLC

The above specifications are for our standard land closing units. Customized units are available to suit individual requirements.