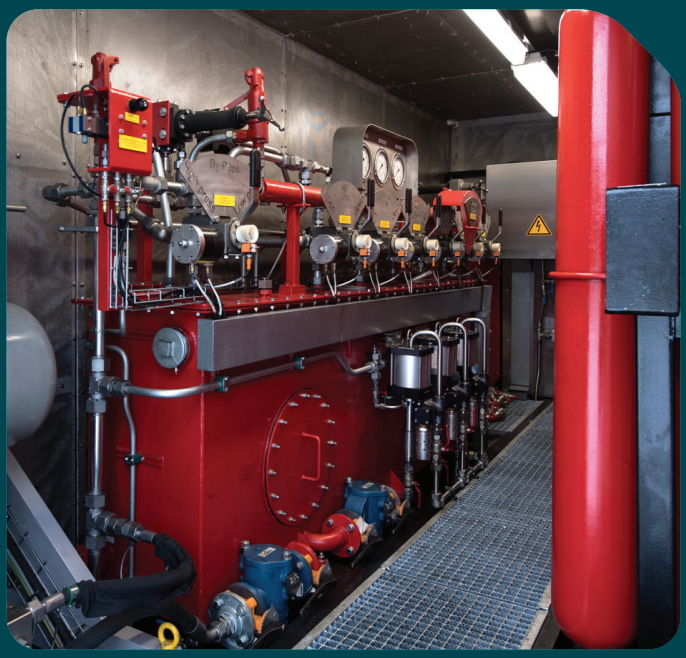
Drilling Equipment

BOP Closing Unit

Guaranteed Well Control. Engineered for Confidence.





Product range

BOP Accumulator Unit

Confidence Under Pressure.

The BENTEC BOP Closing Unit is engineered to deliver dependable well control when it matters most.

Designed to API 16D, latest revision it provides guaranteed hydraulic power, built-in redundancy and complete operational confidence, helping drilling contractors reduce risk, simplify compliance and keep rigs operating safely with confidence.

Applications

- Onshore oil & gas
- Arctic drilling
- Land rigs
- Surface BOP systems

100%

API 16D, latest revision-compliant redundant hydraulic control.

- Dedicated 5,000 psi shear circuit
- Modular containerized design

BENTEC
Bold Engineering+Technology

sales@bentec.com bentec.com

Every well depends on reliable well control

Well control systems are the last line of defense. And there's no room for uncertainty.

Today's drilling contractors face increasing pressure to:
- Guarantee shut-in capability under all operating conditions
- Meet or go beyond strict API 16D, latest revision compliance requirements
- Reduce maintenance without compromising availability
- Mobilize rigs quickly across multiple locations
- Maintain operational confidence in harsh environments

Failure isn't an option.

Why BENTEC?

Confidence Built Into Every System.

The BENTEC BOP Closing Unit is more than an accumulator unit. It's a complete, API 16D, latest revision-engineered well control solution designed specifically around your BOP stack.

Unlike conventional systems, BENTEC combines:
- Fully redundant hydraulic power systems
- Dedicated high-pressure shear circuit
- Integrated hydraulic volume verification
- Containerized plug-and-play deployment
- Engineer-supervised commissioning and operator training

Every system is engineered, tested and documented to provide confidence from commissioning through the life of the rig.

Designed to deliver

- ✓ **Shut-in capability**
  Redundant hydraulic energy ensures your BOP can always be actuated. Even in the event of a primary power failure
- ✓ **True API 16D, latest revision redundancy**
  Independent pump systems and dual energy sources provide fail-safe operation and compliance with the latest API requirements
- ✓ **Reduced maintenance downtime**
  Accumulator banks can be isolated and serviced independently, allowing maintenance without shutting down the complete unit
- ✓ **Faster rig mobilization**
  Containerized skid design enables quicker installation, easier relocation and simplified servicing
- ✓ **Smarter well control**
  Integrated hydraulic volume measurement provides accurate, repeatable verification of every BOP function
- ✓ **Built around your rig**
  Every BOP Closing Unit is engineered to your exact BOP stack configuration, operating environment and project requirements

Proven performance

- ✓ **API 16D (3rd Edition) engineered for dependable well control and international compliance**
- ✓ **Dedicated 5,000 psi shear circuit ensures reliable blind / shear ram actuation**
- ✓ **Integrated hydraulic volume measurement verifies every BOP function for repeatable, predictable performance**
- ✓ **Delivered as a complete, factory-tested system, reducing integration risk and simplifying commissioning**
- ✓ **Proven on international land rigs across Europe and Asia, including demanding Arctic operating environments**



- ✓ **Shut-in capability when it's needed most**
- ✓ **Reduced maintenance without compromising availability**
- ✓ **Faster mobilization and commissioning**
- ✓ **Simplified API 16D, latest revision compliance**
- ✓ **Reliable well control throughout the life of the rig**
- ✓ **Greater confidence for drilling crews and operators**

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Ready to strengthen your well control system?
Speak to a BENTEC expert

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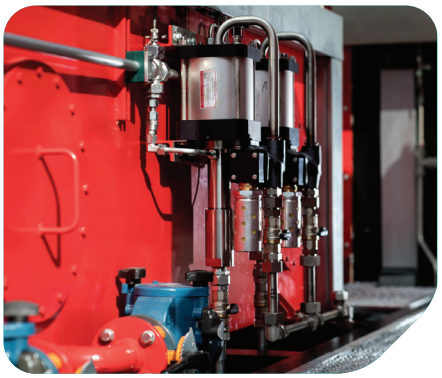
August 2026

Drilling Equipment

BOP Closing Unit







Reliable Hydraulic Power When Every Second Counts.

The BENTEC BOP Closing Unit stores and delivers the hydraulic energy required to safely operate annular preventers, pipe rams and shear rams even during total loss of rig power. Designed around API 16D, latest revision requirements, it combines redundancy, safety and maintainability in one containerized solution.

Built for reliability
Every component has been designed to minimize operational risk while simplifying maintenance and improving uptime.

Redundant hydraulic power
Independent electric, pneumatic or triplex pumps maintain accumulator pressure under all operating conditions.

Dedicated shear circuit
Independent 5,000 psi shear accumulator system ensures reliable blind shear operation when required.

Intelligent maintenance
Accumulator banks can be isolated individually for servicing while the remaining system stays operational.

Integrated volume measurement
Monitor and verify exact hydraulic volumes for every BOP function with confidence.

Containerized design
Self-contained ISO container enables rapid mobilization and simplified transportation.

Global support
From commissioning, training and lifecycle support, BENTEC partners with customers throughout the life of the equipment.

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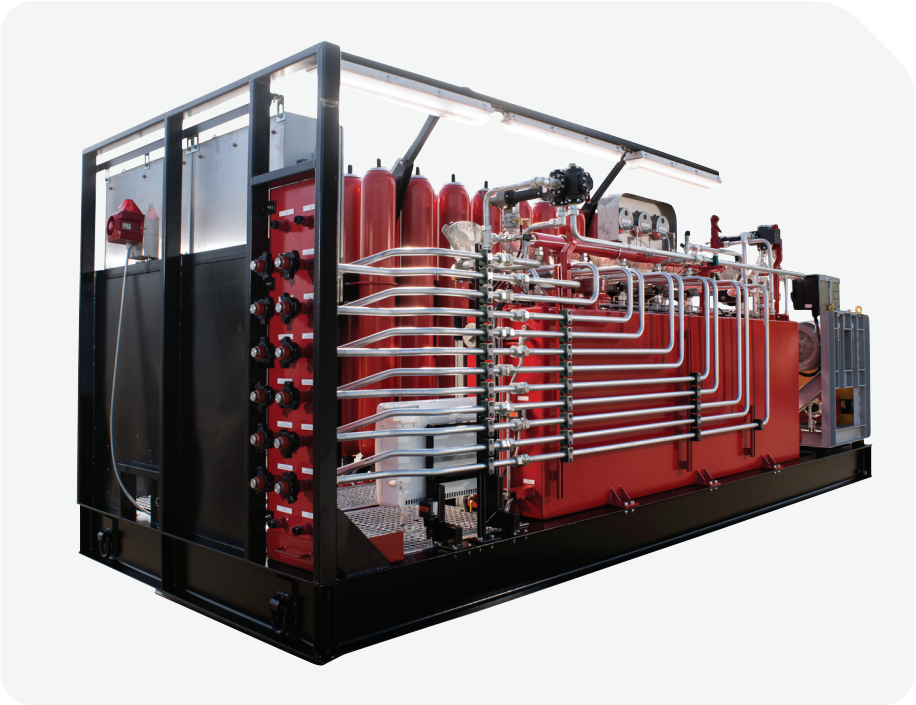
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Drilling Equipment

BOP Closing Unit

BOP Accumulator Unit



Specifications

Configuration	Accumulator bottles suitable to BOP requirements
Container options	ISO containerized unit
Accumulator working pressure	5,000 psi | 345 bar
Rated working pressure	3,000 psi standard | 5,000 psi optional
Bottle sizes	11 / 15 / 31 gal selectable
Operating temperature	0°C to +55°C standard
Cold climate option	Down to -45°C
Hydraulic medium	HLP hydraulic oil
UPS backup	Approximately 2 hours
Control options	Hard-wired standard | PLC optional
Hazardous area options	ATEX Zone I Ex II 2G IIB T3 optional
Standards	API 16D | CE | ATEX | EN 1127-1 | EN 60079-14
Optional certification	API monogram | IECEx | ASME-code bottles

Key features

- Configurable accumulator bottle platform
- Dedicated 5,000 psi high-pressure shear circuit
- Redundant electric, pneumatic or triplex pump options
- Integrated volume-measuring device for BOP function verification
- Dual remote control stations for driller and toolpusher
- UPS-backed remote control operation
- Isolatable accumulator banks for maintenance without full shutdown
- Standard operating range 0°C to +55°C

Benefits

Engineered for dependable well control, the BENTEC BOP Closing Unit combines API 16D, latest revision-compliant redundancy, integrated volume verification and dual remote control to deliver reliable BOP actuation when it matters most.

Independent pump systems ensure fail-safe operation, while isolatable accumulator banks allow maintenance without shutting down the complete unit, maximizing uptime and reducing operational risk.

Optional configurations

- Pneumatic pump
- Triplex pump
- Ex-proof control package
- ATEX / IECEx options
- Fiber-optic remote cabling
- PLC control
- ASME-code accumulator bottles

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