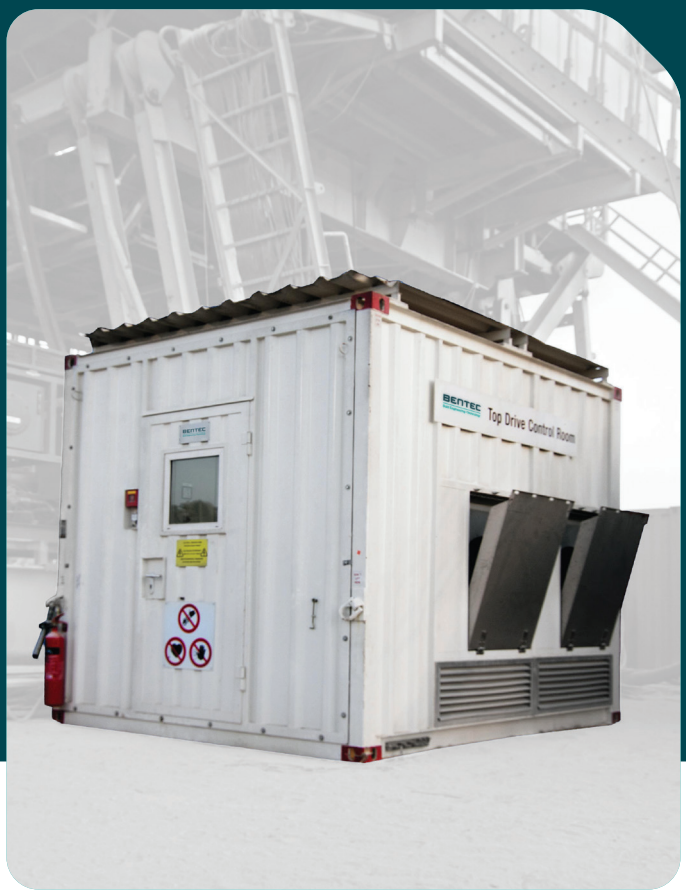
Drilling Equipment

# Top Drive Control Room




## Flexible Power. Reliable Performance. Built for Modern Drilling Operations.

### Product range

250/275t | 350/500t | 750t

## Applications

- Oil & gas
- Geothermal
- Land rigs
- Offshore platforms
- Newbuild & retrofit projects

### Maximize Uptime. Simplify Integration. Future-Proof Operations.

The BENTEC Top Drive Control Room is a compact, high-performance Variable Frequency Drive (VFD) container solution designed to safely power and control electrically driven top drive systems up to 2,000 HP. Engineered for demanding onshore and offshore drilling environments, the system delivers flexible integration, reliable operation and simplified standardization across mixed top drive fleets.

- Compatible with top drive systems up to 2,000 HP
- Multi-brand top drive compatibility
- Integrated AFE technology
- 24/7 remote support capability



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## Many drilling contractors operate mixed top drive fleets across different rigs and regions, creating challenges around integration, spare parts, training and maintenance consistency

Operators are under increasing pressure to:
- Reduce costly top drive downtime
- Standardize operations across multiple rig types
- Improve reliability and maintenance efficiency
- Extend the life of existing assets through modernization

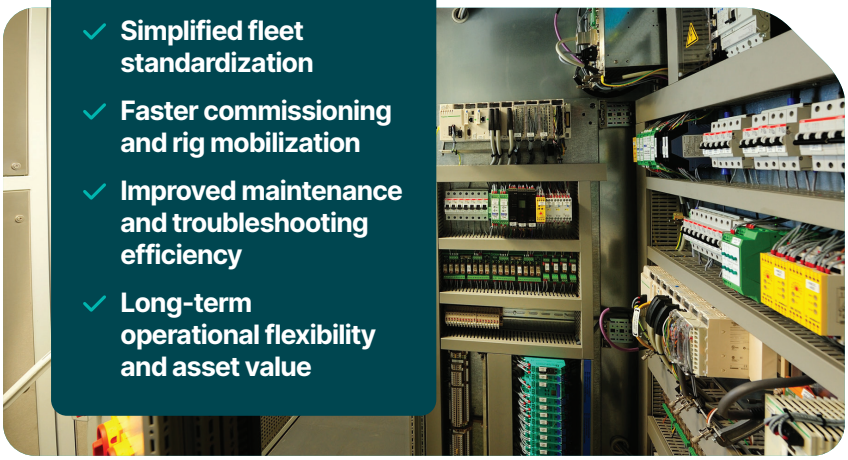
Without flexible and integrated drive solutions:
- Downtime caused by drive system failures impacts operations and revenue
- Troubleshooting and maintenance become more complex
- Different systems increase training and spare part requirements
- Aging assets become more difficult and costly to maintain

## Why BENTEC?

**More flexibility. More uptime. More control.**
The BENTEC Top Drive Control Room is a custom-engineered VFD container solution designed to power, control and integrate electrically driven top drive systems across a wide range of rig applications. Built for both newbuild and retrofit projects, the system provides a flexible and standardized platform capable of supporting multiple top drive brands and varying power supply conditions.

Featuring advanced Active Front End (AFE) technology, the system delivers stable performance, improved power quality and greater energy efficiency while supporting wide voltage and frequency ranges. Combined with integrated remote diagnostics and 24/7 support capability, the solution is designed to maximize uptime and reduce operational risk.
- Compatible with top drive systems up to 2,000 HP
- Supports mixed fleet and retrofit applications
- Advanced AFE technology for flexible power input and improved efficiency
- Wide application range: 600 to 690 V, 50 to 60 Hz (available from 400 V on request)
- Designed for harsh drilling environments in temperatures from -45°C to +55°C
- Compact, ready-to-connect container design
- Integrated remote support and diagnostics capability

- ✓ **Reduced top drive downtime**
- ✓ **Simplified fleet standardization**
- ✓ **Faster commissioning and rig mobilization**
- ✓ **Improved maintenance and troubleshooting efficiency**
- ✓ **Long-term operational flexibility and asset value**



## Designed to deliver

- ✓ **Increased uptime**
  Reliable drive performance and fast diagnostics help minimize operational interruptions
- ✓ **Faster mobilization**
  Compact pre-configured container design simplifies installation and commissioning
- ✓ **Flexible fleet integration**
  Compatible with multiple top drive brands and varying rig configurations
- ✓ **Improved operational control**
  Precise torque and speed control support stable and predictable drilling performance
- ✓ **Future-ready modernization**
  Supports rig upgrades, electrification projects and long-term asset lifecycle extension
- ✓ **Global operational readiness**
  Designed for reliable operation across harsh offshore, desert and Arctic environments

## Proven performance

- ✓ **Over 300 container solutions delivered globally**
- ✓ **Successfully deployed across onshore and offshore drilling operations**
- ✓ **Designed for retrofit and mixed fleet applications worldwide**
- ✓ **Integrated remote support for fast diagnostics and troubleshooting**
- ✓ **Trusted across demanding drilling environments and operating conditions**

## Ready to modernize your top drive operations?
## Speak to a BENTEC expert

BENTEC
Bold Engineering+Technology

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