Drilling Equipment

Top Drive Service Loop



Reliable Power. Continuous Performance. Built for Harsh Environments.

Product range

BENTEC Service Loop

Customer-Specific Configurations

Reduce Downtime. Extend Service Life. Keep Drilling.

The BENTEC Top Drive Service Loop is a heavy-duty cable and hose management system designed to provide continuous power, control and communication between the rig and the moving top drive. Engineered for harsh drilling environments, the Service Loop delivers reliable performance, extended operating life and reduced downtime across onshore and offshore drilling operations worldwide.

Applications

- Oil & gas
- Geothermal
- Land rigs
- Offshore platforms
- Jack-up rigs
- Workover units

- Designed for operating temperatures from -45°C to +55°C
- Heavy-duty cable protection
- Fast replacement capability
- Reliable power and signal transmission

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Top drive operations depend on reliable power, control and communication systems operating continuously under demanding drilling conditions

Operators and contractors face increasing pressure to:
- Reduce unplanned top drive downtime
- Improve service life and reliability
- Minimize replacement and maintenance effort
- Maintain safe and uninterrupted drilling operations

Without high-performance service loop systems:
- Cable and hose failures can interrupt drilling operations
- Top drive shutdowns lead to costly downtime
- Maintenance and replacement activities increase safety exposure
- Frequent replacements increase operational cost and lifecycle risk

Why BENTEC?

More durability.
More reliability. More uptime.
The BENTEC Top Drive Service Loop is engineered to deliver continuous and dependable power, control and communication between the rig and top drive during drilling operations. Built with heavy-duty materials and premium cable protection, the Service Loop is designed to withstand extreme temperatures, harsh operating conditions and high-cycle drilling environments.

BENTEC Service Loops are designed for longer service life, easier replacement and improved operational reliability, helping drilling contractors reduce downtime and total operating cost.
- Heavy-duty construction for harsh drilling environments
- Reliable power and signal transmission during critical operations
- Faster replacement and simplified installation
- Compatible with a wide range of top drive systems and rig configurations
- Designed for long-term operational reliability

Designed to deliver

- ✓ **Maximum reliability**
  Ensures continuous power and communication to the top drive during drilling operations
- ✓ **Reduced downtime**
  High durability and simplified replacement minimize costly operational interruptions
- ✓ **Extended service life**
  Premium cable protection and robust construction reduce wear and replacement frequency
- ✓ **Flexible integration**
  Compatible with a wide range of top drive systems, rig layouts and customer specifications. Suitable for one, two or three 4 or 5 in. loop configurations
- ✓ **Built for harsh environments**
  Designed to operate reliably across offshore, desert, Arctic and high-cycle drilling conditions
- ✓ **Lower lifecycle cost**
  Reduced maintenance frequency and longer operating life help minimize total ownership cost

- ✓ **Reduced top drive downtime**
- ✓ **Longer service intervals and reduced replacements**
- ✓ **Reliable power and signal transmission**
- ✓ **Safer and faster maintenance activities**
- ✓ **Improved operational consistency and uptime**



Proven performance

- ✓ **Field-proven across land rigs, offshore rigs and drilling packages worldwide**
- ✓ **Designed for extreme temperatures and harsh drilling environments**
- ✓ **Compatible with multiple top drive systems and rig configurations**
- ✓ **Trusted by drilling contractors, rig owners and service teams globally**
- ✓ **Built for long-term drilling operations and high-cycle performance**

Ready to improve Top Drive reliability and reduce downtime?
Speak to a BENTEC expert

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