Drilling Equipment

Offline Stand Builder

Recover Rig Time. Build Stands Offline.

Product range

Mast-Mounted | PLC Controlled

Applications

- Oil & gas
- Land drilling
- High-spec rigs
- Pad drilling
- Rig automation

Move Stand Building Off the Critical Path.

The BENTEC Offline Stand Builder builds drill pipe stands while drilling continues, removing stand preparation from the critical path.

By automating heavy tubular handling, it improves productivity, reduces crew exposure and helps drilling contractors recover valuable rig time on every well.

Recover
2 to 3
days per well

- 7.1t lifting capacity
- Integrated driller's control console

BENTEC
Bold Engineering+Technology

sales@bentec.com bentec.com

Every minute spent building stands on the drill floor is time that cannot be recovered

Drilling contractors are under increasing pressure to:
- Reduce flat time
- Improve drilling efficiency
- Eliminate manual stand building
- Protect crews from heavy tubular handling
- Maximize rig utilization

Stand preparation shouldn't delay drilling.

Why BENTEC?

Keep Drilling.
Build Stands Simultaneously.
Unlike offline cranes or floor-mounted handling systems, the BENTEC Offline Stand Builder integrates directly into the mast and the driller's control system, allowing stands to be built while drilling continues. The result is greater operational efficiency without interrupting the drilling process.

- Stand building removed from the critical path
- Mechanized tubular handling
- Console-integrated control
- Repeatable stand preparation
- Improved safety and productivity

- ✓ **More productive drilling operations**
- ✓ **Reduced flat time**
- ✓ **Safer tubular handling**
- ✓ **Consistent stand preparation**
- ✓ **Greater rig utilization**
- ✓ **Improved return on rig assets**

Designed to deliver

✓ **Recover critical path time**
Builds and breaks stands offline, allowing drilling operations and stand preparation to happen simultaneously

✓ **Increase rig productivity**
Removes stand preparation from the drilling sequence, helping reduce flat time and improve overall rig utilization

✓ **Protect your crew**
Mechanized lifting, gripping and positioning remove personnel from heavy tubular handling at the mast

✓ **Repeatable pipe handling**
PLC-controlled movements with load, position and rotation monitoring deliver consistent stand building every cycle

✓ **Integrated rig control**
Interfaces directly with the existing driller's console, eliminating the need for a separate operator station

✓ **Built around your rig**
Engineered specifically for your mast and control system, ensuring seamless integration into existing operations

Proven performance

- ✓ **Stand building completed offline to recover valuable rig time**
- ✓ **Approx. 2 to 3 days recovered per well (application dependent)**
- ✓ **7.1 t lifting capacity**
- ✓ **PLC-controlled with full load and position monitoring**
- ✓ **Designed around API RP 505 and the European Machinery Directive**

BENTEC
Bold Engineering+Technology

Ready to improve drilling efficiency?
Speak to a BENTEC expert

sales@bentec.com bentec.com

August 2026

Drilling Equipment

Offline Stand Builder

Mast-Mounted | PLC Controlled

Specifications

Tubular range	DP 2-7/8 in to 6-5/8 in | DC 4 in to 9-5/8 in | Casing 4-1/2 in to 9 5/8 in
Lifting capacity	7.1 t
Control	PLC with HMI
Integration	Existing driller's console
Compliance	API RP 505 | European Machinery Directive

Key features

- Mast-mounted pipehandler
- Crown-mounted 7.1 t VFD winch
- Integrated drill pipe grabber
- PLC control with HMI
- Existing driller's console integration
- Full load and position monitoring
- Hydraulic grabber and tilt system

Benefits

The BENTEC Offline Stand Builder removes stand preparation from the drilling critical path by building and breaking stands while drilling continues.

Its mast-mounted pipehandler combines lifting, gripping, rotating and positioning in one PLC-controlled system, helping improve productivity while reducing manual handling and crew exposure.

Designed to integrate directly with the existing driller's console, the Offline Stand Builder delivers repeatable stand building, safer tubular handling and greater rig utilization throughout the life of the asset.