Drilling Equipment

Pipe Guide Arm

Hands-Off Pipe Handling. Built Around Safety.



Product range

PGA-20-3000 | Mast Mounted | Drill Floor Mounted

Applications

- Oil & gas
- Geothermal
- Onshore
- Offshore
- Newbuilds & retrofits

Remove Risk. Not Productivity.

The BENTEC Pipe Guide Arm automates the most hazardous stage of tubular handling by moving drill pipe and casing safely from the V-door to well center without ropes, chains or manual intervention. The result is safer operations, repeatable pipe handling and greater confidence on every trip.

Higher mechanization during tripping

- Handles tubulars up to 20 in
- Up to 3.0 t pipe weight
- Minimum red zone exposure

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Bold Engineering+Technology

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Manual pipe handling remains one of the highest-risk activities on the drill floor

Operators face increasing pressure to:
- Eliminate manual tubular handling
- Protect crews from swinging pipe
- Improve handling consistency
- Meet increasing HSE expectations

Every manual interaction introduces unnecessary risk.

Why BENTEC?

Engineered to Keep People Out of Harm's Way.
The BENTEC Pipe Guide Arm replaces manual rope-and-chain handling with a hydraulically controlled, teach-and-repeat guidance system that safely moves tubulars between the V-door and well center.

Unlike conventional handling methods, it combines:
- Hands-off pipe handling
- Repeatable stabbing positions
- One-operator joystick control
- Mast or floor-mounted flexibility

Every movement is controlled, repeatable and engineered to protect your crew.

- ✓ **Hands-off tubular handling**
- ✓ **Reduced personnel exposure**
- ✓ **Improved HSE performance**
- ✓ **Greater operational confidence**



Designed to deliver

- ✓ **Protects your crew**
  Removes hands-on tubular handling, reducing exposure to swinging pipe, pinch points and dropped-object hazards
- ✓ **Repeatable pipe handling**
  Teach-and-repeat stabbing positions ensure every pipe is guided accurately and consistently
- ✓ **One-operator control**
  Simple joystick operation enables a single operator to control the entire pipe-guiding sequence safely
- ✓ **Flexible installation**
  Available in mast-mounted and drill-floor-mounted configurations for both new builds and retrofit projects
- ✓ **Engineered for harsh environments**
  Designed for reliable operation across onshore and offshore drilling environments, with Arctic and desert packages available
- ✓ **Built for long-term reliability**
  Robust hydraulic design, defined spare-part programs and OEM lifecycle support maximize uptime throughout the life of the rig

Proven performance

- ✓ **Handles tubulars from 2-7/8 in to 20 in**
- ✓ **Guides drill pipe weighing up to 3.0 t**
- ✓ **Available in mast-mounted and drill-floor-mounted configurations**
- ✓ **Built to the European Machinery Directive with API 8C, ATEX and DNV options**
- ✓ **Supported by rig surveys, commissioning, training and global spare parts**

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Ready to remove manual pipe handling?
Speak to a BENTEC expert

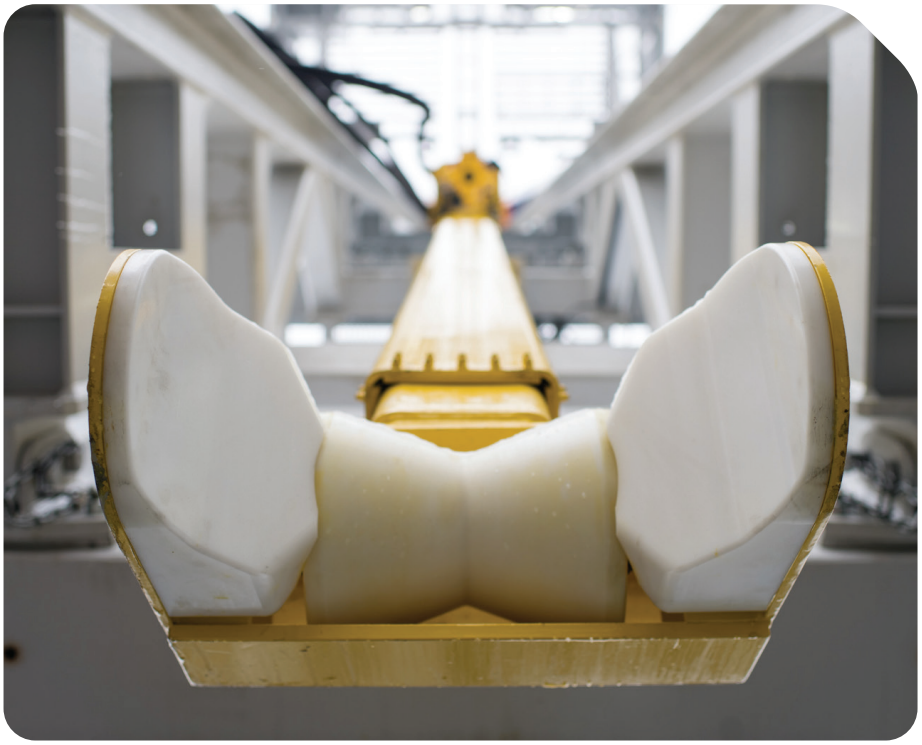
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Specifications

Model	PGA-20-3000
Pipe diameter	2 7/8 in to 20 in (73 to 508 mm)
Maximum pipe weight	3.0 t (6,614 lb)
Mounting options	Mast mounted or drill floor mounted
Motion	Hydraulic telescopic and swivel
Control	Joystick with teach-and-repeat positioning
Operating temperature	-20°C to +45°C
Hydraulic medium	HLP / HLVP hydraulic oil
Compliance	CE | API 8C
Optional certifications	ATEX | DNV

Key features

- Hydraulic telescoping guide arm
- Mast-mounted or drill-floor-mounted
- Teach-and-repeat stabbing positions
- One-operator joystick control
- Pipe handling from 2-7/8 in to 20 in
- Maximum pipe weight 3.0 t
- Arctic and desert packages available

Benefits

The BENTEC Pipe Guide Arm automates tubular handling between the V-door and well center, removing the need for ropes, chains and manual intervention.

Teach-and-repeat positioning delivers consistent, repeatable pipe handling, while simple joystick operation allows one operator to control the process safely.

Available in mast-mounted and drill-floor-mounted configurations, the PGA helps improve HSE performance, reduce operational risk and support reliable pipe handling across the life of the rig.