



# DYNACON, INC.

## WINCHES-HANDLING SYSTEMS

*DYNACON is the industry leader in the design and manufacture of marine handling systems including winches, A-frames, motion compensated cranes, active heave compensation systems, and associated deck gear.*



*DYNACON CTD Traction Winch and Motion Compensated Crane being used by Japan Marine Science and Technology Center (JAMSTEC) aboard the vessel R/V MIRAI.*

**Providing high quality, highly specialized cable and umbilical handling equipment for all segments of the ocean industry, serving customers worldwide since 1986.**

**Applications include:**

- Oceanography
- All Remotely Operated Vehicle (ROV) Work Classes
- Subsea Exploration / Recovery
- Subsea Cable Burial and Repair
- Cable Laying Operations
- Subsea Coiled Pipe and Flexible Coiled Tubing Deployment
- Atmospheric Dive Systems and Manned Submersibles
- Commercial and Military

**Sales, engineering, production and testing are all conducted at DYNACON's Bryan, Texas, U.S.A. facility.**

- 55,000 square feet of combined fabrication, assembly and office area
- Painting and sandblasting area
- Indoor and outdoor test pads with capability for full static load testing
- Six overhead cranes, each rated for a Safe Working Load of 15 Tons.



DYNACON's Bryan, Texas, U.S.A. facility

**DYNACON, Inc. handling systems are custom designed to specifications.**

**All equipment can be built to the following and/ or other standards as required:**

- *Det Norske Veritas (DNV)*,
- *Lloyd's Register of Shipping*,
- *American Bureau of Shipping (ABS)*
- *United States Coast Guard*
- *NAVSEA SS800-AG-MAN-010/P-9290*

**Product Lines:**

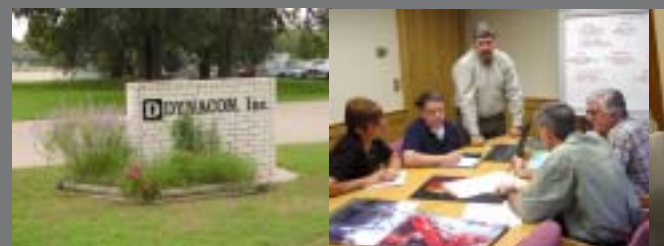
- Conventional Drum Winches
- Traction Winches
- Specialized Launch & Recovery Systems, A-Frames & Docking Heads
- Heave Compensation Systems
- Electro-Hydraulic and Diesel-Hydraulic Power Units
- Overboarding Sheaves and Deck-Mounted Turning Sheaves
- Coiled Pipe / Flexible Coiled Tubing Reel Drive Systems and Pipe Straighteners
- Drum Cable Engines, Draw Off / Hold Back Systems and Linear Cable Engines
- Powered Reel Drives
- Cable and Umbilical Lubrication Systems



DYNACON's Personnel

**DYNACON provides:**

- After-sale worldwide technical support
- Installation supervision
- Prompt shipment of spare parts.
- Extensive at-sea experience



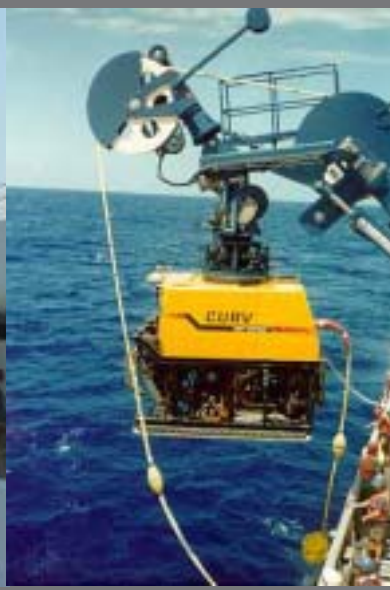
# Oceanographic and Hydrographic Winch Systems



# R.O.V. Launch & Recovery Systems







## Heave Compensation Systems



## Pneumatic Reelers



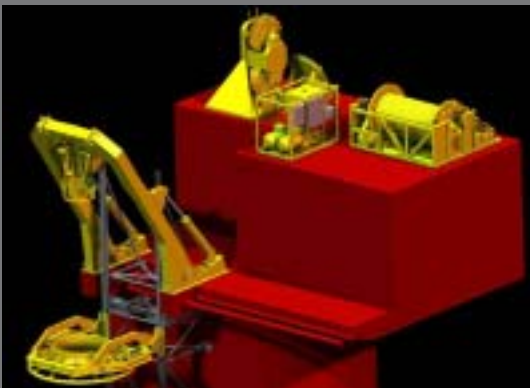
# Man Rated Systems



# Pipe Reelers



# Traction Winch Systems



# Docking Heads / Overboarding Sheaves



# Cable and Umbilical Lubrication



# Hydraulic Power Units & Cylinders



## High Pressure Control



# Factory Acceptance Testing





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***DYNACON Motion Compensated Crane installed on the Japan Meteorological Agency research vessel R/V KEIFU-MARU.***