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# Meeting the Demands of HYDRO ENERGY

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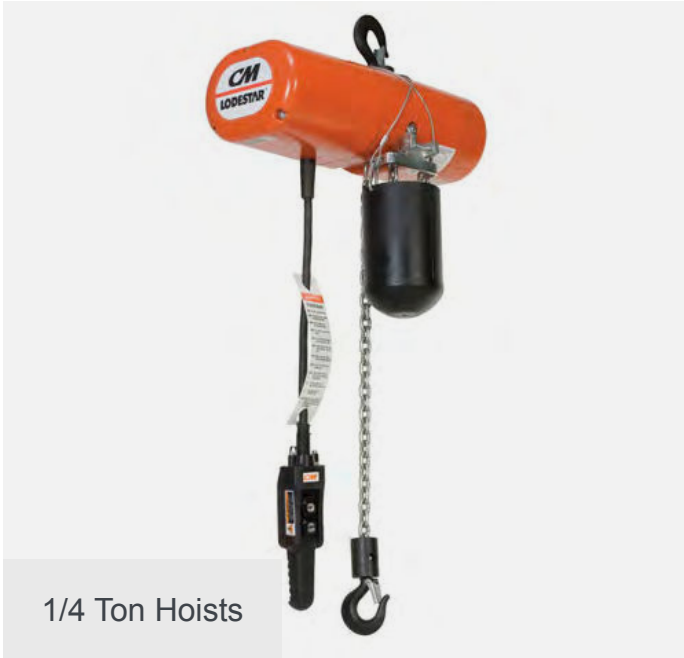
## HYDRO PRODUCTS



American Crane is recognized as a leader in the design and manufacture of electric overhead traveling cranes and wire rope hoists, offering equipment up to 1,000 ton capacity. American Crane is a current supplier of specialized equipment for dams that produce hydroelectric power providing equipment such as turbine cranes, gate hoists, and intake equipment.

We can manufacture your new equipment or rebuild existing equipment. We can provide pre-engineered industrial cranes and hoists and a full line of custom cranes and hoists to meet each customer's specific application.



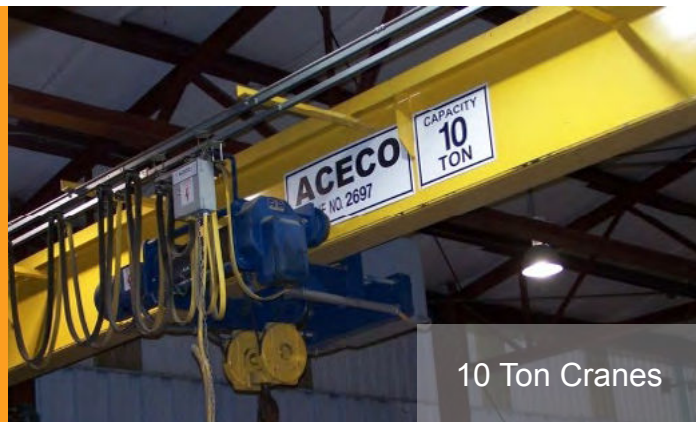


## CRANE & HOIST TYPES

- Industrial Single and Double Girder Cranes
- Custom Single and Double Girder Cranes
- Gantry Cranes
- Stacker Cranes
- Jib, Wall and Base Mounted Cranes
- Monorail and Base Mounted Hoists

## BELOW THE HOOK

- Lift Beams
- Grapples
- Spreader Beams
- Lower Blocks



## SPECIALIZED EQUIPMENT

- Turbine Cranes
- Gate Hoists
- Intake Equipment



# WHY CHOOSE AMERICAN CRANE FOR HYDRO ENERGY?



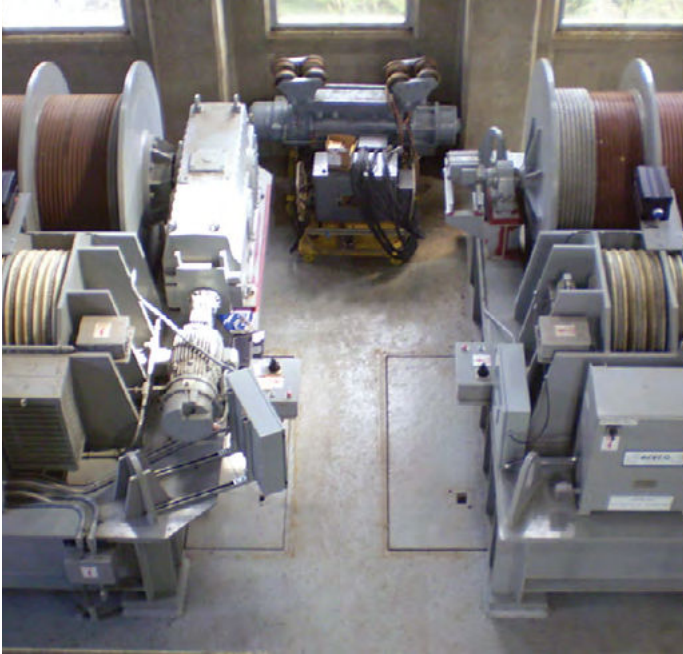
- Extensive custom manufacturing capabilities
- Exceptional service department and project management support
- Experienced and highly diversified in-house engineers and designers
- Specialities Include:
  - High Capacities
  - High Speeds
  - Long Lift
  - Precise Operator Control Utilizing Adjustable Frequency
  - Digital Positioning System and Various Monitoring Devices to Safely Operate Hoist System
  - Enhanced Reliability Features

## CRANE DESIGNS

All of our cranes and hoists can be built to endure harsh conditions and environments while maintaining the highest quality and safety.



## CUSTOMIZED PRODUCTS



### GATE HOIST SYSTEMS

We offer Gate Hoist Systems used to control the release of water from reservoirs. These heavy capacity long lift hoist systems are designed to offer precise operator control utilizing adjustable frequency controls. Options include an operator interface utilizing a digital positioning system and various monitoring devices to safely operate the hoist system. Enhanced reliability features are also incorporated into these systems to ensure trouble free operation.

### TURBINE CRANES

American Crane has extensive experience manufacturing turbine maintenance and powerhouse cranes specifically designed for dependability during plant shutdowns. These robust cranes are built with the durability needed to install, maintain, or remove the most valuable and expensive piece of equipment in a generating station. Unanticipated maintenance costs can be avoided during outages by selecting reliable cranes and equipment to service the turbine in hydro, natural gas, biomass, geothermal and waste-to-energy power plants.



## PROJECT HIGHLIGHTS



### GEORGE B. STEVENSON DAM PROJECT:

American Crane's Gate Hoists assisted in the precise positioning of the flood control gate. We supplied two 170 Ton Gate Hoists and a 100 Ton Top Running Double Girder Crane. The system made it possible for personnel to operate the George B. Stevenson Dam Gate Hoists from remote locations.

### SHASTA DAM PROJECT:

American Crane provided a complete upgrade of the Shasta Power Plant's Draft Tube Stop Log Gantry Crane, including a supply of a modern hoisting system with two independent hoisting brakes. The upgrade also included new electrical controls in weatherproof enclosures. A thorough structural and mechanical inspection was performed, in order to assure compliance with ANSI B30.2 and OSHA 1910.179.



## PROJECT HIGHLIGHTS



### KESWICK DAM PROJECT:

American Crane performed the repairs of the turbine cranes for the Keswick Project. In addition, our service technicians replaced the 150 Ton Sister Hook's as well as the Main and Auxillary Wire Ropes.

## SERVICE



- 24/7 Service, 365 Days a Year
- OSHA Inspections
- Preventative Maintenance
- On-Site Service and Repair
- Crane and Hoist Inspections, Modifications, and Rebuilds
- Free Site Visits to Evaluate Customer's Needs and Provide Competitive Quotes
- Mandated Safety
- Certified Crane Inspectors
- Certified CMCO Warranty and Repair Center



# PARTS



- Large Stock Inventory of Crane Components and Parts  
*(including American Crane (ACECO), Munck & CMCO brands: CM, Coffing, Yale, Shaw Box, Budgit & Chester)*
- Dedicated Parts Group
- Extensive Online Catalogue with Live Chat
- Product Information (DWG, PDF) Available Online
- Quality Products
- Product Support Team
- Competitive Pricing
- Fast Shipments
- Custom Fabrication and In-House Machining for Unique Parts



## TRAINING / SAFETY

- On-Site Training Classroom
- Project Specific Operator and Maintenance Training
- Certified OSHA Training per 29 CFR 1910
  - 10 Hour Certificates
  - 30 Hour Certificates
- Individual OSHA Modules
  - 10 Hour Certificates
  - 30 Hour Certificates
- Material Handling Training
- Overhead Crane Operations
- Rigging and Hand Signal
- Customized Training Available Competitive Pricing
- Fast Shipments
- Custom Fabrication and In-House Machining for Unique Parts

## Why GRIT Matters at American Crane?

### OUR MISSION

**We are passionate about delighting our customers.**

Our mission is to make their lives easier. We do what we commit to do, do it well and do it on-schedule.

- **The most important thing at American Crane is our people.**  
We are committed to a culture that fosters their growth, empowerment and safety.
- **We are GRITTY at American Crane.**  
What does that mean? That we put perseverance, heart & integrity into everything we do.



Perseverance | Heart | InteGRITy





## American Crane & Equipment Corporation (ACECO),

a privately held U.S. company with headquarters in Eastern Pennsylvania, is a leading manufacturer of cranes, hoists and other material handling equipment. For over 40 years, the company has been one of the most innovative manufacturers of high quality specialty lifting equipment for unique applications.

American Crane maintains the in-house resources for engineering, manufacturing (including custom fabrication), installation and field service to assure consistent quality and schedule adherence. Our engineering staff consists of seasoned mechanical, electrical and structural engineers, including world class seismic experts. Services such as load testing, outage support, retrofit and upgrades, OSHA inspections, on-site service and repair, preventative maintenance, custom fabrications, and product support are provided by our experienced Service and Parts Department.

American Crane's welding is performed to AWS D1.1, D1.5, D1.6 or D14.1 standards and our in-house non-destructive testing is performed by SNT-TC-1A qualified personnel.



From complex custom equipment to standard equipment and parts, American Crane can meet all your material handling needs. Entrust your future crane needs to one of the industry’s most innovative and committed leaders. For more information about how American Crane can solve your material handling needs, visit [AmericanCrane.com](http://AmericanCrane.com), email us at [sales@americancrane.com](mailto:sales@americancrane.com) or call us directly at **1.877.877.6778**, ext. **224**.

## FACILITIES

**CORPORATE HEADQUARTERS:** 200,000 square feet

**SERVICE, PARTS & STANDARD CRANE DIVISION:** 20,000 square feet

TOTAL FACILITY SPACE – 230,000 square feet

- LIFTING CAPACITY – 90 Tons + 60 Tons = 150 Tons





“In an increasingly complicated marketplace, it is nice to know about a company whose capabilities you can rely on. At American Crane & Equipment Corporation, we are uniquely positioned to provide our customers with a single source to satisfy material handling requirements. This integrated approach includes project managers, engineers, complete manufacturing facilities and service technicians to help you with your material handling needs. Our company has a long standing reputation as a leading supplier of quality equipment and engineering services to customers throughout the world. American Crane & Equipment Corporation is here to make your job easier.”

Oddvar Norheim, President and CEO

A handwritten signature in white ink, appearing to read "Oddvar Norheim".

Contact Us

Resource Library

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