

YOUR CRITICAL LIFT EXPERTS

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**American
CRANE
& EQUIPMENT CORPORATION**



“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 & CEO



American Crane
& EQUIPMENT CORPORATION



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.

Our operations feature a 270,000 square feet combined capacity of manufacturing space between 3 facilities. This expanded manufacturing facility, coupled with highly skilled labor, allows American Crane the scalability to meet future market demands.

Extensive experience with difficult project requirements has enabled American Crane to meet its customers' specifications and schedules. Over the years, customers have included nuclear utility businesses, Department of Energy sites and laboratories, military facilities, and aerospace companies.

As a supplier to the nuclear industry, American Crane has maintained a Quality Assurance Program since 1996 that meets both 10 CFR 50, Appendix B, and ASME NQA-1 standards. This quality program has been audited by commercial nuclear utilities, NUPIC, and DOE contractors. Non-nuclear augmented quality programs are also available. 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, email us at sales@americancrane.com or call us directly at **1.877.877.6778, ext. 224**.

FACILITIES

CORPORATE HEADQUARTERS: 150,000 square feet

LESTER DIVISION: 100,000 square feet

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

TOTAL FACILITY SPACE – 270,000 square feet

- LARGEST BAY – Length: 700 feet; Width: 80 feet; Hook Height: 40 feet
- LIFTING CAPACITY – 75 Tons + 50 Tons = 125 Tons

CAPABILITIES

ENGINEERING CAPABILITIES

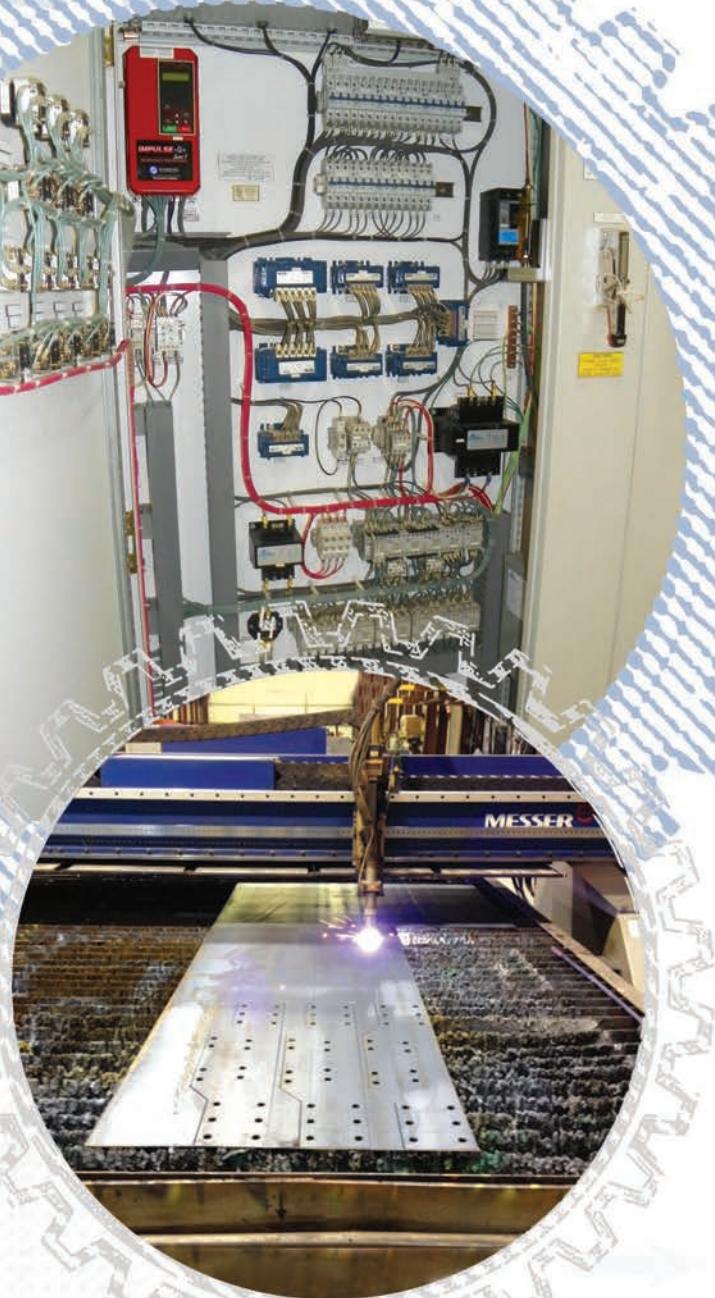
Staff of experienced professional engineers, licensed in multiple states, with all crane related disciplines of engineering utilizing the latest computer-aided design and engineering equipment.

MECHANICAL/STRUCTURAL

- Mechanical and Machine Design
- Structural Design and Analyses
- Dynamic Modeling and Seismic
- Failure Modes and Effects Analyses
- AutoCAD, MathCAD, Solid Works, ANSYS and SAP2000 Advanced

ELECTRICAL

- Complete Control System Design
- Remote Systems
- Automated Systems
- Software Development including Real Time Graphics
- Explosion-Proof Designs



MANUFACTURING CAPABILITIES

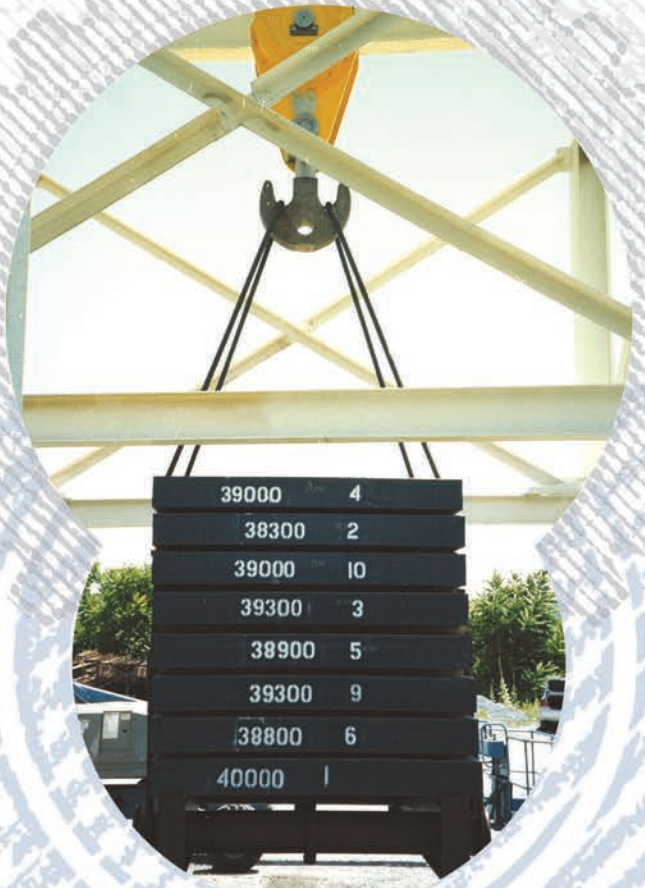
- State-of-the-art Material Preparation
- Certified Welders per AWS D1.1, D1.5, D1.6 or D14.1
- In-house UL508 Certified Electrical Panel Building Shop
- Machine Shop with CNC Capability / Plasma Cutter
- Large Boring and Milling Machines

TESTING CAPABILITIES

- Indoor test facility including overhead cranes (5,000 square feet)
- Outdoor 200 Ton load testing tower
- 75 foot indoor test runway (Adjustable)
- 500 Tons of test weights and lifting devices available to rent

QUALITY ASSURANCE

- 10 CFR 50 Appendix B / NQA-1 Quality Program for Nuclear Projects
- NUPIC Audited QAM-96 Program
- Welding Controlled to AWS D1.1 or D14.1
- SNT-TC-1A Qualified NDT Personnel
- In-house Non-Destructive Testing
- In-house Coating Inspections
- Safety Related Components and Commercial Grade Dedication
- Complete Functional Testing Prior to Shipment
- CMAA, HMI, ASME Standards Committee Member
- UL508 Shop Certification of Electrical Panels
- Graded Controls based on Customer's Requirements
- UL Field Evaluation of Cranes Available



PRODUCTS

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 as well as distributing smaller cranes from other manufacturers.

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. Let us find the solution that works for your situation.

CRANE & HOIST TYPES

- Standard 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

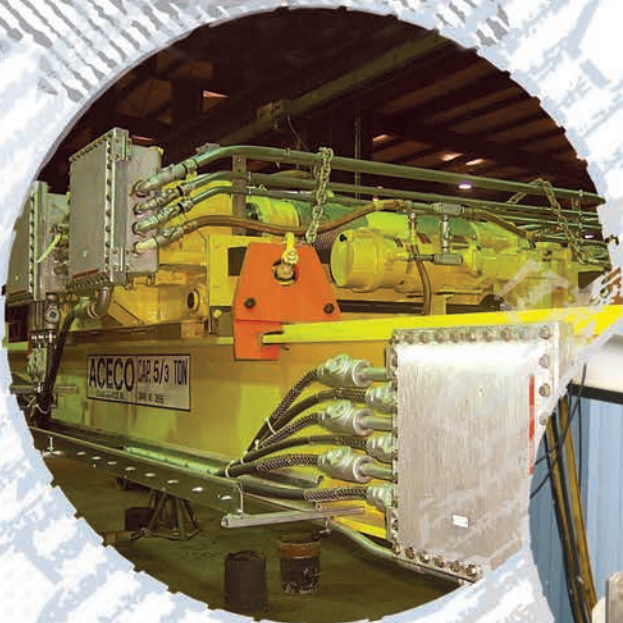
SPECIALIZED EQUIPMENT

- Bridge Maintenance Travelers
- Explosion-Proof Hoists and Cranes
- Transfer Cars

BELOW THE HOOK

- Lift Beams
- Grapples
- Spreader Beams
- Lower Blocks

OUR PRODUCT LINE RANGES FROM:



MARKET LEADER IN **CRITICAL LIFT CRANES**

Whether your application is for Aerospace, DOE Nuclear, Commercial Nuclear or General Industry, American Crane will design a crane to fit your requirements.

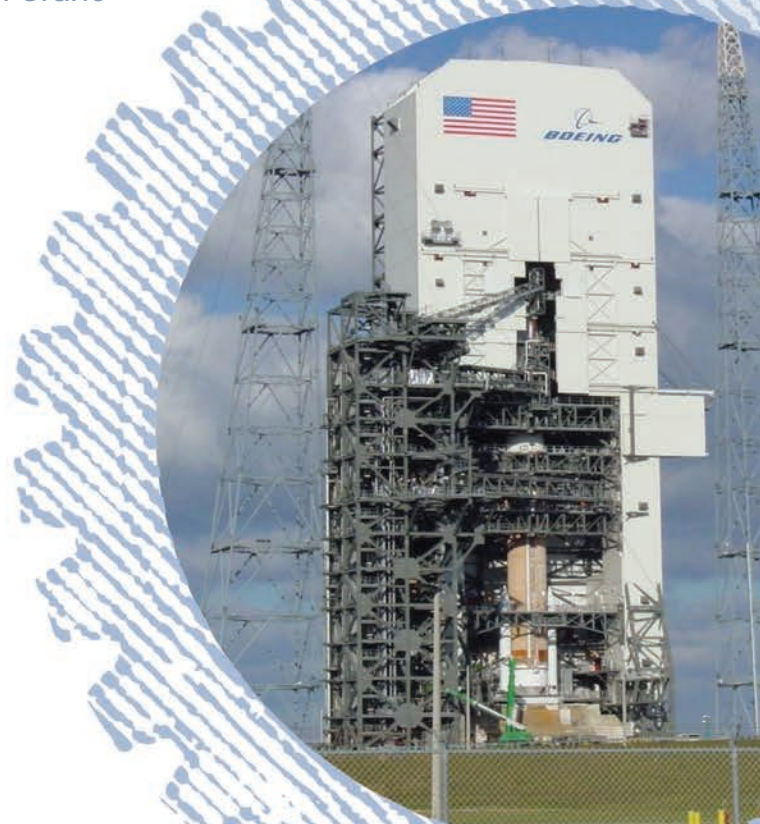
DESIGNED & BUILT FOR HANDLING:

- High Value Equipment
- Radioactive Containers
- Moving Loads in Sensitive Environments
- Difficult Load Lifting Configurations
- Dry Spent Fuel Storage
 - Upgrades completed at over 18 nuclear plant units
 - NUREG 0554 and ASME NOG-1 compliant
 - Single Failure Proof Design

CUSTOM CRANES & EQUIPMENT

ENHANCED SAFETY FEATURES INCLUDE:

- Single Failure-Proof
- Explosion-Proof
- Spark-Resistant



“When
Failure is
**NOT AN
OPTION**”

SERVICE & PARTS

SERVICE

- 24/7 365 Day Service
- 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
- Columbus McKinnon (CMCO) 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
 - Online in depth product information including downloadable drawings (DWG, PDF)
 - Quality Products - Product Support
 - Competitive Pricing
 - Fast Shipments
 - Custom Fabrication and In-House Machining for Unique Parts





OTHER SERVICES

TRAINING

- On-Site Training Classroom
- Nuclear Experienced Training Staff
- Project Specific Operator and Maintenance Training
- Certified OSHA Training per 29 CFR 1910
 - 10 Hour Certificates
 - 30 Hour Certificates
- Material Handling Training
- Overhead Crane Operations
- Rigging and Hand Signal
- Customized Training Available

POST EQUIPMENT INSTALLATION

- Superior Customer Service after Installation
- Service Plan Tailored to your Needs
- Supply of Critical Spare Parts
- Resident Full-Time Technicians





SUMMARY

STRENGTH OF OUR PEOPLE

Dedicated, licensed and certified staff.

- We are NRC licensed and have a mature 10 CFR 50 Appendix B Quality Assurance Program.
- We have over 40 years of engineering, manufacturing, service and administrative experience.
- Our in-house engineers design innovative, cost effective solutions.
- We specialize in equipment to fit the appropriate application.
- We provide customer support in all phases of crane and equipment installation and repair.
- We are committed to continuing education, not only to improve our products, but to remain leaders in manufacturing technology.



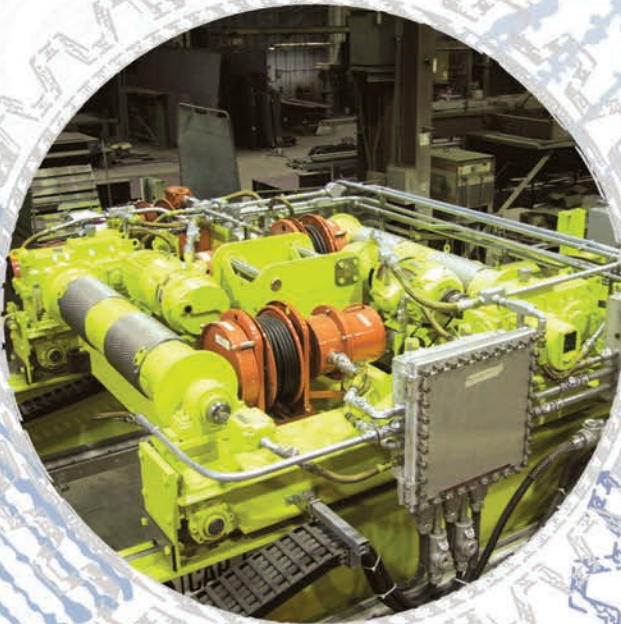
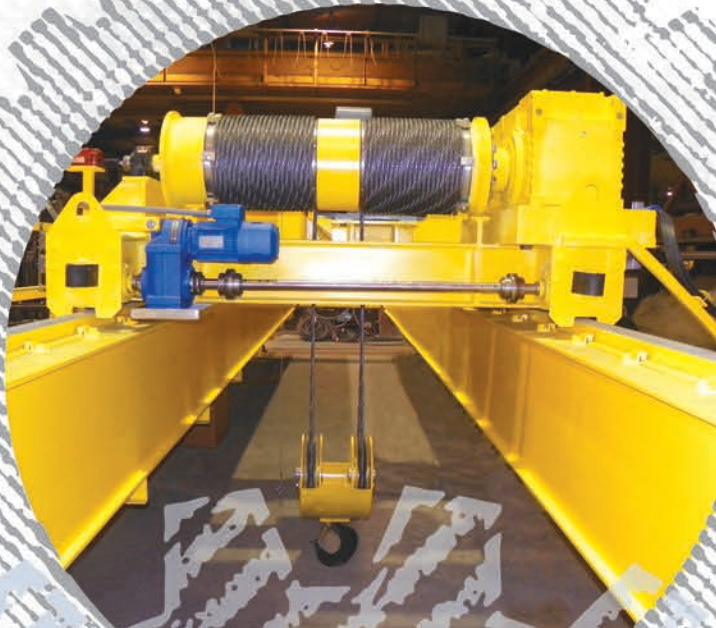
OVER 40 YEARS OF EXPERIENCE



STRENGTH OF OUR PRODUCTS

Meeting all your material handling needs.

- Our cranes are manufactured to CMAA Specifications 70 or 74. We can also supply cranes that meet ASME, NUM-1 and NOG-1 requirements.
- Our products are carefully manufactured to meet each customer's specific need.
- Our equipment can be used in critical environments where safety cannot be compromised.
- We make our products to meet and exceed customer expectations.
- Our equipment is built with quality, reliability, and enhanced safety in mind.
- We have a large inventory of parts and components available to be shipped the same day.



YOUR CRITICAL LIFT EXPERTS



CORPORATE HEADQUARTERS

531 Old Swede Road • Douglassville, PA 19518
877.877.6778 • 610.385.6061 • fax: 610.385.3191

SERVICE, PARTS & STANDARD CRANES

1440 Ben Franklin Highway • Douglassville, PA 19518
877.503.2972 • 484.945.0420 • fax: 484.945.0431

LESTER DIVISION

10 Industrial Highway • MS10 • Q Building, 2nd Floor
Lester, PA 19113-2002

AmericanCrane.com

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NAICS: 333923

ACECO