

Powerful INNOVATION | Proven EXPERIENCE



CAPABILITIES



LEADING MANUFACTURER OF CRANES, HOISTS
AND OTHER MATERIAL HANDLING EQUIPMENT

American Crane & Equipment Corporation (ACECO),

a privately held U.S. company with headquarters in Douglassville, PA, is a leading manufacturer of overhead cranes, hoists and other material handling equipment, as well as components and parts for standard, custom and nuclear applications. At American Crane, **GRIT MATTERS**. We are passionate about delighting our customers!

We are your Expert, Craftsman & Partner

Our goal is to make our customer's job easier. We provide turnkey material handling solutions for types of industries; including nuclear, aerospace, energy, and general manufacturing. Our quality is built on depth of capabilities, with an integrated approach, in-house resources and experience.

The company's three plants feature a 230,000+ square foot combined capacity of manufacturing space and 150 ton lifting capacity.

Our engineering staff consists of seasoned mechanical, electrical and structural engineers, including world class seismic experts. Services such as load testing, outage support, retro-fitting 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.

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 and CSA Standard W47.1 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.



Why GRIT Matters at American Crane

What is GRIT? GRIT is having Perseverance, Heart & Integrity in all you do. 2018 marked a reboot of the company's culture and creation of their mantra - GRIT Matters - Perseverance, Heart & Integrity. This cultural transformation included creating a culture that is inspiring productivity and a thriving environment for current and future employees.

Employees also have a new sense of accomplishment, pride, and teamwork. This ensures that our mission is all-inclusive and reaches and engages all employees, whether in the office, the shop floor or out on the road as a service technician.

Douglassville, PA



FACILITIES

CORPORATE HEADQUARTERS (PLANT 1): 200,000 sq.ft.

SERVICE, PARTS & INDUSTRIAL CRANE DIVISION (PLANT 2): 20,000 sq.ft.

ADDITIONAL SPACE (PLANT 3): 10,000 sq.ft.

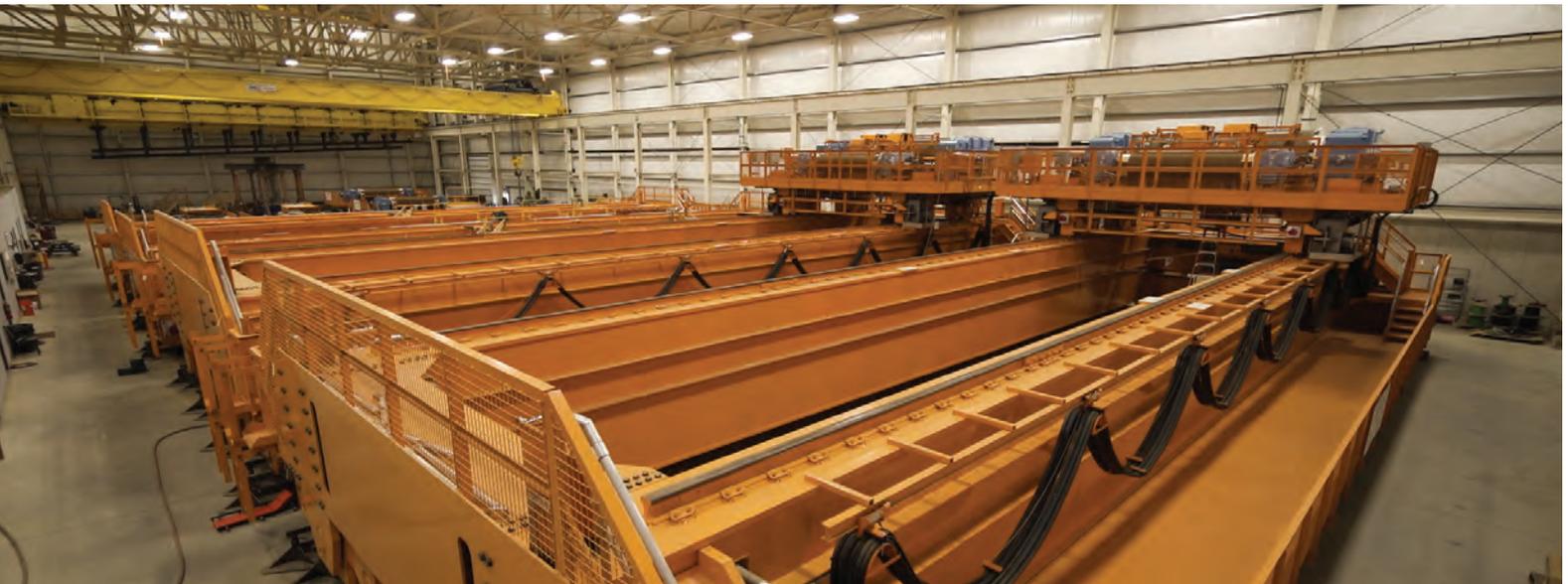
TOTAL FACILITY SPACE: 230,000 sq.ft.

LIFTING CAPACITY: 90 Tons + 60 Tons = 150 Tons



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
- › Clean Room Cranes

BELOW THE HOOK

- › Lift Beams
- › Grapples
- › Spreader Beams
- › Lower Blocks



CUSTOM LIFTING DEVICES

- › Lift Beams (static)
- › Lift Beams (movable)
- › Magnetic Lifters
- › Load Turners
- › Mechanical Actuated Grapples
- › Canister Lifters
- › Lifting Yokes
- › Compliance to ANSI N14.6



↑ CAPABILITIES

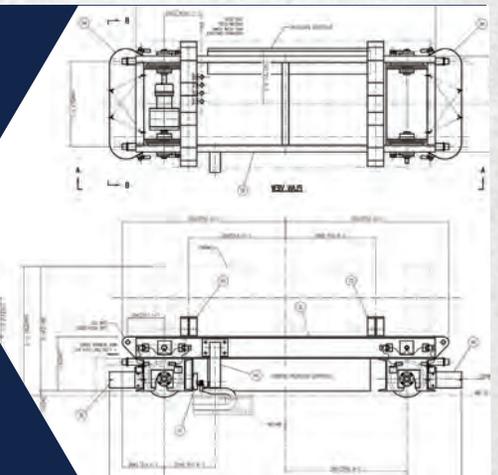


ENGINEERING CAPABILITIES

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



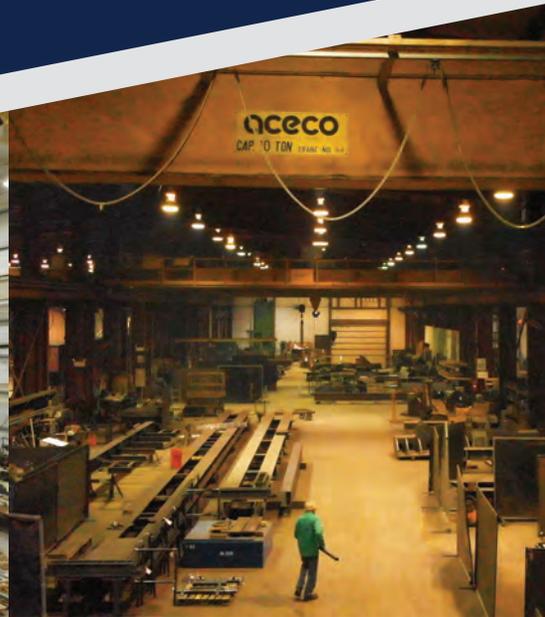
ELECTRICAL



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

MANUFACTURING CAPABILITIES

- › State-of-the-art Material Preparation / Plasma Cutting
- › Certified Welders per AWS D1.1, D1.5, D1.6 or D14.1 and CSA Standard W47.1
- › In-house UL508 Certified Electrical Panel Building Shop
- › Machine Shop with CNC Capability – Turning Centers, Vertical Machining Centers, Horizontal Boring
- › Large Boring, Milling Machines, and Engine Lathes
- › Gear Hob



MACHINING CAPABILITIES

- › Turning Centers
- › CNC Lathes
- › Horizontal Boring Mill





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 and CSA Standard W47.1
- › SNT-TC-1A Qualified NDT Personnel
- › In-house Non-Destructive Testing
- › In-house Coating Inspections
- › Service Level 1 Coating for Safety-Related Applications
- › Safety Related Supplier of Goods and Field Services
- › Commercial Grade Dedication Program
- › Complete Functional Testing Prior to Shipment
- › CMAA, HMI, ASME Standards Committee Member
- › UL508 Shop Certification of Electrical Panels
- › Graded Quality Controls based on Customer's Requirements
- › UL Field Evaluation of Cranes Available



What we do, we do well.
We strive to **PROVIDE**
EXCELLENCE AND VALUE in
our products and services.

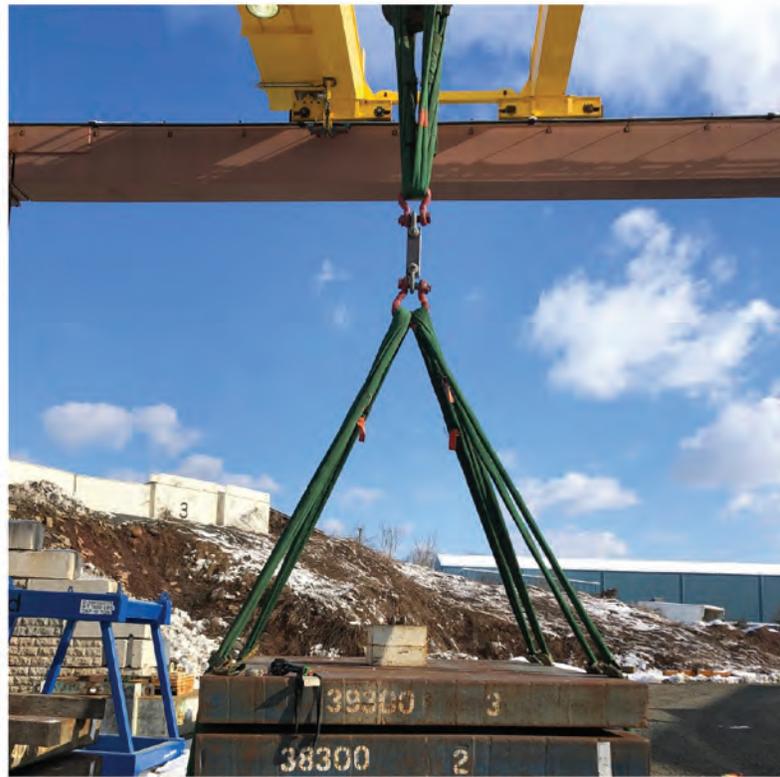


CUSTOM FABRICATIONS

- › Equipment Built Using Customer Prints or Our Custom Design
- › Material Options Available Such as Carbon and Stainless Steel
- › 3-D Design Software
- › Commercial Grade Dedication Available

TESTING SERVICES

- › Acceptance Testing
- › Load Testing (if applicable)



INSPECTION SERVICES

- › Visual Weld Inspection per AWS Standards
- › MT, LP & UT by ASNT-TC-1A Qualified Technicians
- › Technicians
- › Coating Inspection
- › Nuclear Service Level 1 Coatings for safety related applications

TRAINING



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

SITE INSTALLATION



- › New Crane Installation
- › On-site Hoist and Trolley Upgrades
- › Site Installation Testing

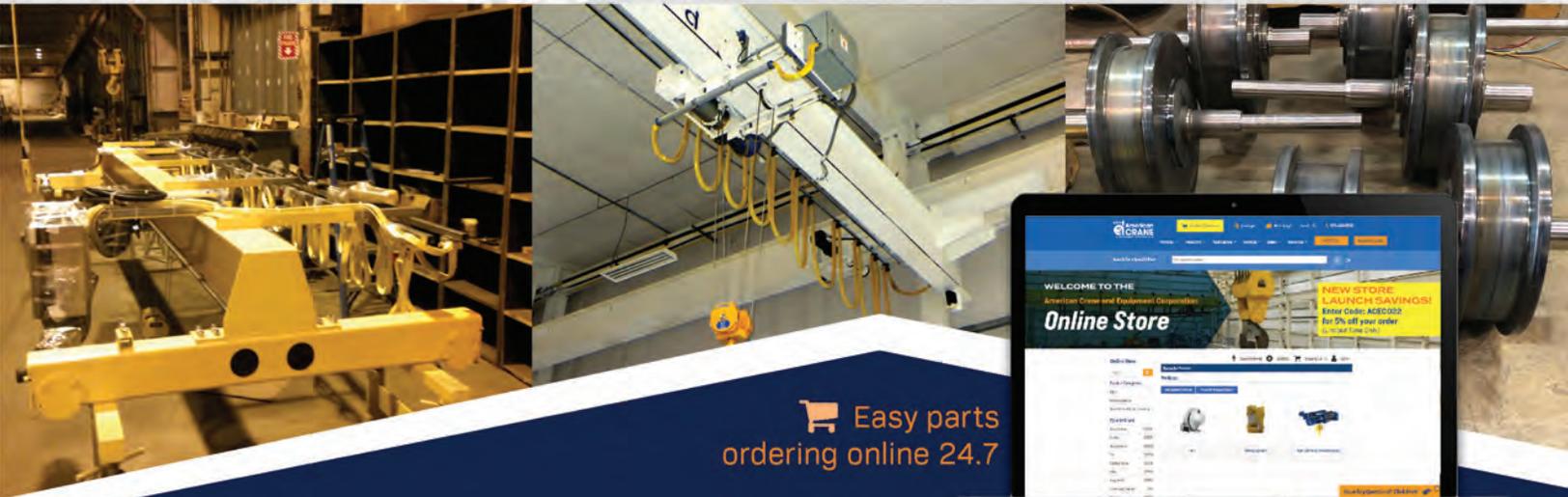
POST EQUIPMENT INSTALLATION



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

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



 Easy parts ordering online 24.7

Visit www.americancrane.com

SPARE PARTS

- › Dedicated Spare Parts Group
- › Large Stock Inventory of Crane Components and Spare Parts
- › CMCO Brands: CM, Coffing, Yale Shaw Box, Budgit and Chester, AND MORE!
- › Custom Fabrication for Unique Parts
- › In-House Machining



B
25 TON



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
877.877.6778 • 484.945.0420 • fax: 484.945.0431

Sales@AmericanCrane.com
AmericanCrane.com

Cage Code: 57335
D & B: 05-563-2376
NAICS: 333923

Rev 2.22.2022