Columbus McKinnon Corporation manufactures a broad line of material handling products for construction. Primary products include hoists, lifting chain, and rigging attachments. Our names are recognized around the world and include CM, Coffing, Midland, Yale, Budgit, Chester, and Duff Norton. This company has a rich 135-year history with the technology and expertise to design material handling products that help you get the job done easily and safely.

Have a special application? Our full line of material handling products allows us to create complete solutions, rather than just offering single products. Now you have the point of contact for resources that can help you develop systems that meet your specific construction needs. Our engineers participate in various industry committees to ensure our products meet the OSHA and ASME regulations. We can also work with you and your safety department to help educate your workers on the standards and how they affect their jobs.

We are a global company with facilities in over 18 countries which service construction projects around the world. Standardizing on a global supplier can help ensure your crews and subcontractors are using quality hoist and rigging products no matter where the project is located. For those who work on US government contracts, Columbus McKinnon has an extensive domestic product portfolio that meets government specification and is approved for use on government projects.

Our long standing reputation as a superior material handling products manufacturer has allowed Columbus McKinnon to develop a strong, global network of distributors. Besides having the ability to carry local inventory that is specific to your jobsite requirements, many provide added value services such as product inspections, maintenance, and repair.

The safety of your employees is a very serious matter. We feel it is important for people to be trained on proper techniques and regulations associated with the use of our products. We offer various levels of training for:
- NCCCO Rigging Certification
- Proper Rigging Techniques
- Hoist & Rigging Safety
- Hoist & Crane Operators
- Inspections
- Product Maintenance

In addition, our training staff is able to develop special curriculum that is specific to your job site activities.

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TOUGH. RELIABLE. STRONG. Keeping Projects on Target

COLUMBUS McKINNON & RIGGING PRODUCTS

MANUAL HOISTS
Lever Tools, Hand-Chain Hoists and the Shop Pulleys for precise positioning and lifting.

POWERED HOISTS
Electric & pneumatic in chain and wire rope styles, featuring a wide capacity range. Compensator hoists for flying deck/tables and load leveling applications. Monorail, Jib and Bridge Cranes.

LOAD SECUREMENT
Binder Chain Assemblies, Ratchet Binders, Lever Binders and J Hooks.

RIGGING

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Power Plants
Commercial Construction
Wind Energy
Bridges & Highways
SELECTING THE RIGHT PRODUCTS FOR YOUR APPLICATIONS

**BRIDGES & HIGHWAYS**

- **Hand Chain Hoist:** positioning and holding beams in place for welding or bolting.
- **Chain Sling:** lifting and moving beams and sections.
- **Wire Grips & Wire Rope Pulleys:** used for handling wire rope and cable.

**POWER PLANTS**

- **Lever Hoists:** positioning beams, pipes, and plates for welding of boilers and structural components.
- **Shackles:** provide versatile lifting point for a wide range of rigging applications; various materials and types to match the shackle with the job.
- **Roller Moving Systems:** moving large components into place with minimal effort, uses no external power or air but provides excellent maneuverability.
- **High Capacity Hand Chain Hoists:** used during maintenance for the precise lifting of turbines and other heavy components.

**WIND ENERGY**

- **Spreader Beams:** assist in lifting the nacelle, blades, and tower sections.
- **Hoist Rings:** attachment used when lifting and rotating tower sections.
- **Hooks:** designed to be used with synthetic slings, wire rope, or chain slings.
- **Lifting Clamps:** used for the loading, unloading and installation of various components.

**HOISTS**

- **What hoist should you select?** When you're looking for...
  - The best commercial grade units available on the market.
    - **622 Chain & 653 Lever Hoists**
  - The most durable construction/industrial grade units on the market.
    - **LHH Chain & LSB Lever Hoists**
  - The premier line of domestic units with customizable engineered options.
    - **Cyclone Chain & 640 Lever Hoists**

**SHACKLES**

- **GOOD**
  - **Industrial Grade Carbon**
    - Used for government or other applications where the US Federal RR-C-271D specification for carbon shackles is required.
- **BETTER**
  - **Super Strong Carbon**
    - Higher working load ratings than standard carbon shackles and competitive product.
    - For instance, a 1” Super Strong Shackles has a WLL of 10 tons, where the competition offers only 8 1/2 tons. Shackles also exhibit extreme deformation before failure.
- **BEST**
  - **Alloy**
    - Highest working load rating. Alloy is the best choice for overhead applications.

**SHACKLES**

- **Screw Pin**
  - No tools needed to put into position.
  - Ideal for applications where the shackle is frequently removed.
- **Bolt, Nut & Cotter (Safety Bolt)**
  - The most secure choice for overhead lifting and long term application.
- **Round Pin**
  - Best for short term applications.
  - Not recommended for overhead lifting where side loading could occur.
- **Long Reach Shackle**
  - Can be used where other shackles cannot reach.
  - When space is at a premium, long reach shackles may eliminate the need for extra hardware when connecting.
- **DNV Shackle**
  - Shackles comply with stringent production, testing, identification, inspection, and documentation standards set forth by DNV.
- **Web Sling Shackle**
  - Can be used on web slings from 3 to 6 inches in width. Flat surface promotes extended synthetic sling life.
SELECTING THE RIGHT PRODUCTS FOR YOUR APPLICATIONS

COMMERCIAL CONSTRUCTION

Compensator Hoist: electric chain hoist attached to crane hook that allows for lifting and precision positioning of pre-formed floor decks

Crane Fork & Special Lifters: lifting and moving various construction supplies such as bricks and tools

Plate Clamps: used to pick up sheets of steel, stone, and even glass in the horizontal or vertical position

Power Plants

Lever Hoists: positioning beams, pipes and plates for welding of bolts and structural components

Shackles: provide versatile lifting point for a wide range of rigging applications; various materials and types to match the shackle with the job

Rider Moving Systems: moving large components into place with minimal effort, uses no external power or air but provides excellent maneuverability

High Capacity Hand Chain Hoists: used during maintenance for the precise lifting of turbines and other heavy components

Wind Energy

Spreader Beams: assist in lifting the nacelle, blades, and tower sections

Chain Clamps: lifting and moving beams and decks

Wire Grips & Wire Rope Pullers: used for lifting wire rope and cable

BRIDGES & HIGHWAYS

Hand Chain Hoist: positioning and holding beams in place for welding or bolting

Chain Slings: lifting and moving beams and decks

Wire Grips & Wire Rope Pullers: used for lifting wire rope and cable

HOISTS

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Shackles

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BETTER SUPER STRONG CARBON

Higher working load ratings than standard carbon shackles and competitive product. For instance, a 1" Super Strong Shackles has a WLL of 10 tons, where the competition offers only 8 1/2 tons. Shackles also exhibit extreme deformation before failure.

BEST ALLOY


HOISTS

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Wind Energy

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Chain Clamps: lifting and moving beams and decks

Wire Grips & Wire Rope Pullers: used for lifting wire rope and cable

BRIDGES & HIGHWAYS

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Bridges & Highways

Hand Chain Hoist: positioning and holding beams in place for welding or bolting.

Chain Sling: lifting and moving beams and decks.

Wire Grips & Wire Rope Pullers: used for pulling heavy wire rope, rigging.

Power Plants

Lever Hoists: positioning beams, pipes and plates for welding of boiler and structural components.

Shackles: provide versatile lifting point for a wide range of applications; various materials and types to match the job.

Roller Moving Systems: moving large components into place with minimal effort; uses no external power or air but provides excellent maneuverability.

High Capacity Hand Chain Hoists: used during maintenance for the precise lifting of turbines and other heavy components.

Wind Energy

Spreaders Beams: assist in lifting the nacelle, blades, and tower sections.

Hoist Rings: attachment used when lifting androtating tower sections.

Hooks: designed to be used with synthetic slings, wire rope, or chain slings.

Wire Grips & Wire Rope Pullers: used for pulling lifting wire rope and cable.

Selecting the Right Products for Your Applications

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