

Capabilities



High Performance Lifting

COFFING[®] HOISTS

MATERIAL HANDLING



Rail Power - Light Rail Systems

LODERAIL® is a true, freestanding light rail system, sold as a complete package—even the floor bolts are included. With capacities up to 2 tons, bridge spans up to 34 feet, and unlimited runway length, LodeRail is widely used in workstation or material transport systems. Modular design provides efficient assembly or relocation, unique mitered corners provide added strength, and smooth rolling trolleys have sealed bearings with lifetime lubrication. Featuring a productivity ratio of 100:1, an operator can safely start a 500 lb. load moving with only 5 lbs. of force. Another outstanding benefit of a LodeRail system is its Seismic Zone 4 rating. Overhead mounted and powered systems are available.



Jib Cranes - Abell-Howe®

Manufacturing freestanding, wall bracket, and mast designs, ABELL-HOWE® jib cranes range from 500 - 20,000 lb. capacities, with spans up to 30 feet, and under boom heights from 8 to 30 feet. Larger capacities and special configurations are available. Freestanding jibs feature full 360° rotation, foundation or base plate mounting, and can be electrically powered (air rotation and hand gearing are also available). Wall mounted jibs provide up to 200° rotation and are available in tie rod or full cantilever designs. Anchored both at floor and overhead, mast jib cranes do not require extensive foundation support. A drop boom version can be used to clear overhead obstructions.



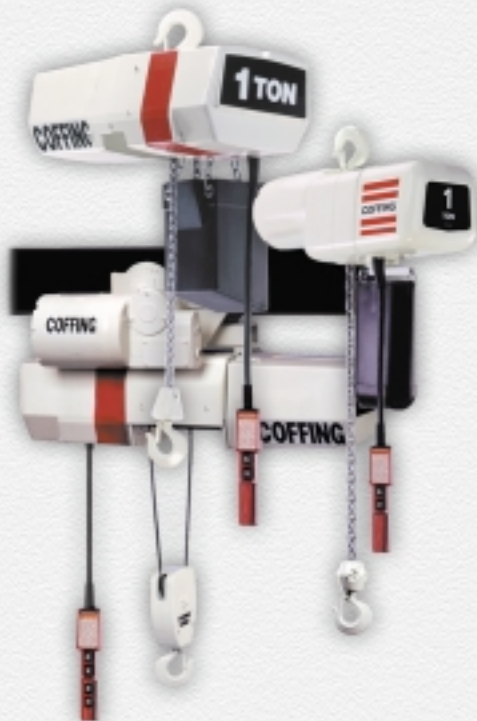
Crane Power - Crane Components

Featuring top running or underhung, single girder end trucks—crane components provide a wide range of options for material handling needs. Select end trucks as push-type, hand geared, or powered (electric or air) models. With capacities up to 5 tons, spans to 36 feet, the ability to fit standard I-beams, wide flange and patented track, these crane components can fit the requirements for most applications. Standard options of spark resistance, single or dual drive, multiple control panels, and festooning systems make these kits (minus the span beams) complete.



Specialized Attachments - Cady®

In applying technology and manufacturing to heavy lifting applications, CADY provides a complete line of below-the-hook lifters. Cady products are designed to handle rolls, coils, crates, bundles, sheets, and pallets.



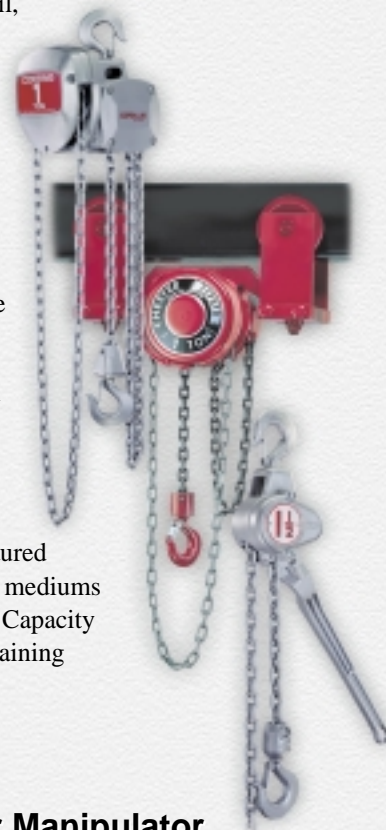
Power Up - Electric Powered Hoists

COFFING manufactures the very best electric powered hoists. The flagship model **EC** electric chain hoist, with capacities from $\frac{1}{4}$ to 5 tons, unique dual braking system, and solid reputation is ... *the industry leader*. Renowned for its *performance and value* is the **ELC** model electric chain hoist. With a capacity range of $\frac{1}{8}$ to 2 tons, the ELC offers more standard features than any hoist in its class. Both EC and ELC hoists feature the 5-pocket load sheave for extended chain life and smoother /quieter operation.

When the application requires a wire rope hoist, choose COFFING's model **WR** — *the engineered package*. With a capacity range of $\frac{1}{2}$ to 5 tons, the WR can be single or double-reeved, combined with low headroom features.

The only complete line of worm-gear driven hoists, CHESTER® model **WD** hoists are available in more than 1200 different models for lifting loads up to 15 tons. They may be specified in single or twin hook models for monorail, ceiling, or floor mounting.

Customize with Coffing — add trolleys, options, and accessories for the complete package.



Man Power - Manual Hoists

Combine CHESTER Hoist® with COFFING and the result is the most complete manual products offering in the lifting industry. Hand chain hoists range in capacities from $\frac{1}{2}$ to 50 tons and are available with capacity limiters on most models. Lug mounting hand chain hoists to trolleys provides low or extremely low headroom design options. With the wide range of choices and options available, a COFFING or CHESTER hand chain hoist can be customized to fit most applications.

COFFING lever hoists range in capacities from $\frac{3}{4}$ to 15 tons and are manufactured from rugged aluminum alloy, stamped steel, or malleable iron. Choose lifting mediums of link chain or roller chain plus a variety of other options to get the job done. Capacity limiters, 360° rotating handles, multiple rigging options, and free chaining mechanisms — COFFING lever hoists are *versatile performers*.



Air Power - Air Chain Hoists & Air Manipulator

COFFING **CAH** model, air powered chain hoists are offered in two frame sizes: *small frame* $\frac{1}{4}$ to 1 ton capacity, and *large frame* 1 to 3 ton capacity. Small frame models feature planetary gearing, compact design, and lifting /lowering speed adjustment. Choose pull cord control, with small frame models, as an economical option or pendant control for ease of operation. Large frame models are equipped with a full flow pendant control that allows for variable speeds, accurate load spotting, and smooth starts. Also featured on large frame hoists are mechanical load brake and overload protection. Spark and corrosion resistance plus roller chain options are available for CAH model hoists. *Customize with Coffing* — add trolleys, options, and accessories for the complete package.

The **TMM-140-A** air manipulator, featuring 300 lb. (140 kg.) capacity, 6 $\frac{1}{2}$ feet of lift, easy one-handed operation and load positioning, precise and infinite speed control, makes it *the ideal workstation hoist*.



Smooth Rolling - Powered & Manual Trolleys

TROLLEYS are manual, hand geared, or motorized. Coffing offers five models of trolleys based on capacities and options. The **VT** and **ET** trolleys are packaged trolleys with capacities between 1/4 and 5 tons. The **CT** and **CY** trolleys, with capacities ranging from 1/4 to 40 tons, are heavy-duty, industrial trolleys with available spark resistant features. The Coffing **MT** (motorized trolley) features a variety of speeds and options to meet most applications. Capacities range from 1/4 to 5 tons.

Clamp It - Beam and Plate Clamps

Ideal for rigging operations as a temporary or permanent anchoring point, COFFING BEAM CLAMPS range in capacities from 1 to 10 tons and flange adjustments from 3 to 12.6 inches, depending on the model. The clamping jaws are specifically designed to distribute the load away from the flange edge.

PLATE CLAMPS are special devices commonly used below-the-hook to efficiently move sheets of material or beams. A wide variety of models are available to fit the particular material handling task.



⚠ WARNING

Overloading and Improper Use Can Result In Injury

To Avoid Injury:

- Do not exceed working load limit, load rating, or capacity.
- Do not use to lift people or loads over people.
- Use only alloy chain and attachments for overhead lifting.
- Read and follow all instructions.

COFFING®

HOISTS

Country Club Road • PO Box 779
Wadesboro, NC 28170 USA

Phone: (800) 477-5003 (704) 694-2156

FAX: (800) 374-6853 (704) 694-6829

www.coffinghoists.com