The generation of power is a process essential to keeping our lives and businesses running smoothly. Although power is often taken for granted, we understand much work goes into maintaining the continuous uptime of existing power plants and meeting new plant construction schedules. Whether you are working on a planned or unanticipated facility outage or constructing a new plant, your tools and equipment need to be reliable. Columbus McKinnon can provide you with dependable hoists, rigging products, and cranes for your entire facility. Whether you are working better today or lifting a load for maintenance, we have the products to help you perform your job effectively and efficiently.

Standardizing on crane, hoist, and rigging products within the various areas of the plant can help you:

- Reduce cost of spare parts inventory
- Reduce maintenance cost through common labor tasks
- Simplify training of personnel on the use and maintenance of equipment
- Shorten the design time and approval process of cranes
- Reduce costs associated with the procurement process

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MANUAL HOISTS
Lever Tools, Hand Chain Hoists and Wire Rope Pulley for precise positioning and lifting.

POWERED HOISTS
Electric & pneumatic in chain and wire rope styles, featuring wide capacity range. Compensator hoists for flying deck/table and load leveling applications. Monorail, jib and bridge cranes.

RIGGING
Shackles, Lifting Chains, Hooks, Plate Clamps, Wire Rope Clips, Host Rings, Spreader Beams and Specialty Lifters.

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

ACTUATORS & JACKS
Screw Jacks, Linear Actuators, Standard & Heavy Duty, Rotary Unions.

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WIRE ROPE HOISTS & CRANE COMPONENTS

Overhead Railcar Shaker: Durable construction to stand up to vibration, ability to supply the entire system from crane to trolley to slings.

Turbine Room: Low headroom designs to minimize building cost while maximizing lift distance, plug and play design to reduce downtime or avoid costly maintenance.

Maintenance & Machine Room: Wide variety of hoist and crane component options for flexible and easy operation and maintenance.

ELECTRIC & AIR CHAIN HOISTS

Smoke Stack & Cooling Tower: Hoist features suitable for long lift applications, easily mounted to jib for external maintenance of stack.

Battery Room: Compact, reliable design for use when installing and removing batteries.

Machinery Maintenance: Rugged design that can stand up to the conditions associated with coal processing equipment such as the pulverizer and stoker.

HAND CHAIN HOISTS

Coal Gun: Small, rugged, design that can be easily moved from location to location.

Turbine Maintenance: Low pull force for easy lifting, allows for micro-movements on critical lifts and病人.

Water-wall installation and removal: After plant construction crews have move the panels in place, hand chain hoists used to complete final positioning.

Erecting Stacks: Used to move form and catwalk to the next pouring level.

HAND LEVER HOISTS

Boiler pipes, alignment, welding and repairs: Durable, light weight hoists with low handle pull force, true single handed free chain operation.

Air heater assembly: Hand chain and lever hoists used to assemble and disassemble baskets.

CHAIN SLINGS & SHACKLES

Rigging: Fail-safe locking chain, slings, hooks, and shackles for use when lifting or moving materials inside or outside of the facility.

Beam Clamps & Trolleys

Coal Conveyor: Push, gear, or motorized fixtures easy to use, available for a wide range of beams.

Beam clamps as general use attachment point: Design that can stand up to the conditions associated with coal processing equipment.

ACTUATORS & JACKS

Pre-Heater Valves: Duff-Norton actuators are used to operate sliding gate valves which allow cooler air into the rotors.

SPREADER BEAMS

Turbine install and maintenance: For exact, balanced lifting of turbines and other large components especially useful when lifting large loads.

WHEN CONSIDERING SAFETY...

Model LSB-B Lever Tool

- Efficient design for easy operation with minimal effort.
- True, simple, one-hand free-chaining for easy load attachment and take up of slack chain.
- Optional load limiter available which prevents the hoist operator from lifting a load greater than the rated hoist capacity.
- Available with optional shipyard hook which allows for tip loading.

Hurricane Hand Chain Hoist

- Handeled rotates 360 degrees allowing for hoist operation in any direction.
- Operators can now stand away from the load when it is being efficiently and safely lifted.
- Hoist comes standard with a load binder which prevents accidental overloading of the hoist.

Latchlok 100 Hooks

- The interlocking latch provides easy indication of hook overload and cannot be opened under load.
- Fully interlocking point to reduce the chance of hook failure when accidentally side loaded.
- One hook failure cannot be removed from bundle, thus removing any questions about OSHA inspection.
- Large, ergonomic locking trigger will not pinch fingers and can be operated while wearing safety gloves.
- 100% proof tested ensures the unit will perform as rated.

Super Strong Carbon Shackle

- Provides a higher working load limit than standard shackles of the same size.
- 1:1 versus the standard 5:1 design factor.
- Extremely durable design before failure.
- Testing by independent lab shows break and shock load results outperform competitive products.

When considering safety, each product is designed with operator safety as a top priority.
WIRE ROPE HOISTS & CRANE COMPONENTS

Overhead Railcar Shaker: Durable construction to stand up to vibration, ability to supply the entire system from crane to trolley to slings.

Turbine Room: Low headroom designs to minimize building cost while maximizing lift distance, plug and play design to reduce downtime and simplify maintenance.

Maintenance & Machine Room: Wide variety of hoist and crane component options for flexible and easy operation and maintenance.

ELECTRIC & AIR CHAIN HOISTS

Smoke Stack & Cooling Tower: Hoist features suitable for long lift applications, easily mounted to jib for external maintenance of stacks.

Battery Room: Compact, reliable design for use when installing and removing batteries.

Machinery Maintenance: Rugged design that can stand up to the conditions associated with coal processing equipment such as the pulverizer and stoker.

HAND CHAIN HOISTS

Coal Gun: Small, rugged, design that can be easily moved from location to location.

Turbine Maintenance: Low pull force for easy lifting, allows for micro-movements on critical lifts and mirrors.

Water-wall installation and removal: After plant construction cranes have move the panels in place, hand chain hoists used to complete final placement.

HAND LEVER HOISTS

Boiler pipes, alignment, welding and repairs: Durable, light weight hoists with low handle pull force, true single handed free chain operation.

Air heater assembly: hand chain and lever hoists used to assemble and disassemble air heater.

CHAIN SLINGS & SHACKLES

Rigging: Full line of chain, chain slings, hooks, and shackles for use when lifting or moving material inside or outside of the facility.

BEAM CLAMPS & TROLLEYS

Coal Conveyor: Push, geared, or motorized hoists easy to use, available for a wide range of beams.

Beam clamps as general use attachment point: Eliminates the need to create a weld on an attachment point.

ACTUATORS & JACKS

Pre-Heater Valves: Duff-Norton actuators are used to operate sliding gate valves which allow cooler air into the rotors to prevent the system from overheating and damaging the heat transfer surfaces.

SPREADER BEAMS

Turbine install and maintenance: For exact, balanced lifting of turbines and other large components especially useful when lifting large loads.

CHAIN SLINGS & SHACKLES

Linenman’s work: Non-conductive fiberglass handle and polyester webbing.

SUPER STRONG CARBON SHACKLE

WHEN CONSIDERING SAFETY...

Model LSB-B Lever Tool

- Efficient design for easy operation with minimal effort required.
- True, single, one-hand free-charging for easy load attachment and take up of slack chain.
- Optional load limiter available which prevents the hoist operator from lifting a load greater than the rated hoist capacity.
- Available with optional shipyard hook which allows for tip loading.

Hurricane Hand Chain Hoist

- Handchain rotates 360 degrees allowing for hoist operation in any direction.
- Operators can now stay away from the load while it is being efficiently and safely lifted.
- Hoist comes standard with a load limiter which prevents accidental overloading of the hoist.

Latchlok 100 Hooks

- The interlocking latch provides easy indication of hook overload and cannot be opened under load.
- Fully interlocking point to reduce the chance of hook failure when accidentally side loaded.
- Hooks are indexed and can be removed in seconds, thus removing any questions about OSHA requirements.

- Large, ergonomic locking trigger will not pinch fingers and can be operated while wearing safety gloves.

- 100% proof tested ensures the unit will perform as rated.

Lever Tool

- Provides a higher working load limit than standard shackles of the same size.
- E1 versus the standard E design hexlock head eliminates cross contamination before failure.

- Testing by independent lab shows break and shock load results outperform competitive products.

- Large, ergonomic locking trigger will not pinch fingers and can be operated while wearing safety gloves.

- 100% proof tested ensures the unit will perform as rated.

When considering safety, choose the best tool for the job. Choose the Duff-Norton LSB-B lever tool for ease of use, efficiency, and maximum safety.
WIRE ROPE HOISTS & CRANE COMPONENTS

Overhead Railcar Shaker: Durable construction to stand up to vibration, ability to supply the entire system from crane to trolley to slings.

Turbine Room: Low headroom designs to minimize building cost while maximizing lift distance, plug and play design to reduce downtime and simplify maintenance.

Maintenance & Machine Room: Wide variety of hoist and crane component options for flexible and easy operation and maintenance.

ELECTRIC & AIR CHAIN HOISTS

Smoke Stack & Cooling Tower: Hoist features suitable for long lift applications, easily mounted to jib for external maintenance of stacks.

Battery Room: Compact, reliable design for use when installing and removing batteries.

Machinery Maintenance: Rugged design that can stand up to the conditions associated with coal processing equipment such as the pulverizer and stoker.

HAND CHAIN HOISTS

Coal Gun: Small, rugged, design that can be easily moved from location to location.

Water-wall installation and removal: After plant construction cranes have move the panels into place, hand chain hoists used to complete final placement.

Erecting Stacks: Used to move form and catwalk to the next pouring level.

HAND LEVER HOISTS

Boiler pipes, alignment, welding and repairs: Durable, lightweight hoists with low handle pull force, true single handle free chain operation.

Air heater assembly: Hand chain and lever hoists used to assemble and disassemble baskets.

CHAIN SLINGS & SHACKLES

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Coal Conveyor: Push, geared, or motorized trolley easy to use, available for a wide range of beams.

Beam clamps as general use attachment point: Eliminates the need to create a weld on an attachment point.

ACTUATORS & JACKS

Pre-Heater Valves: Duff-Norton actuators designed to operate sliding gate valves which are low volume air driven units which prevent the system from overheating and damaging the heat transfer surface.

SPREADER BEAMS

Turbine install and maintenance: For exact, balanced lifting of turbines and other large components especially useful when lifting large loads.

CHAIN SLINGS & SHACKLES

Latchlok 100 Hooks: Provides a higher working load limit than standard shackles of the same size.

E-1 versus the standard E-1 design feature: Thicker and stronger material before failure.

Testing by independent lab shows break and shock load results outperform competitive products.

WHEN CONSIDERING SAFETY...

Model LSB-B Lever Tool

- Efficient design for easy operation with minimal hand effort.
- True, simple, one-hand free-chaining for easy load attachment and take up of slack chain.
- Optional load limiter available which prevents the hoist operator from lifting a load greater than the rated hoist capacity.
- Available with optional shipyard hook which allows for tip loading.

Hurricane Hand Chain Hoist

- Handcuffed rotates 360 degrees allowing for hoist operation in any direction.
- Operators can now stand away from the load while it is being efficiently and safely lifted.
- Hoist comes standard with a load limiter which prevents accidental overloading of the hoist.

Latchlok 100 Hooks

- The interlocking latch provides easy indication of hook overload and cannot be opened under load.
- Fully interlocking point to reduce the chance of hook failure when accidentally side loaded.
- Load bearing bolt cannot be removed from outside, thus removing any questions about OSHA regulations.
- Large, ergonomic locking trigger will not pinch fingers and can be operated while wearing safety gloves.
- 100% proof tested ensures the unit will perform as rated.

Super Strong Carbon Shackle

- Available with optional shipyard hook which allows for tip loading.

WIRE ROPE HOISTS & CRANE COMPONENTS

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