Bushman C-hooks provide a simple, economical choice for coil handling. They are engineered with design flexibility to meet the specific requirements of the customer’s operating environment. Design calculations and factory repairs are available.

Features of the Bushman C-hook line include:
- Unitized construction so that only the bail, counterweight and coil support saddle are welded to the one-piece burnout.
- The tapered lower carrying arm facilitates entry into the coil ID.
- The beveled top edge of the carrying arm is standard on C-Hooks under 20,000 lb capacity.
- Coil support saddles are standard on hooks with 20,000 pounds or greater capacity.

Available options include:
- Mill duty service
- Storage stands
- Protective pads
- Bail pins
- Motorized rotation
- Weigh systems
- High temperature service

All Bushman C-hooks are designed and manufactured in accordance with the latest revisions of ASME Specifications B30.20 and BTH-1, Design of Below-the-Hook Lifting Devices.

This Model 624 C-hook has a carrying arm length that equals the maximum coil width. The full-length support feature of this C-hook increases the amount of surface area in contact with the coil, minimizing the potential for damage to the inner wraps of lighter gauge coil stock. The tapered carrying arm facilitates entry into the coil ID. Model 624 C-hooks are counter balanced to hang level when loaded or unloaded. They are fabricated from high strength steel plate to minimize size and weight, making them an economical choice for coil handling.
COIL PROTECTION WEAR PADS HELP PREVENT HANDLING DAMAGE

C-HOOKS WITH LOAD WEIGHING SYSTEMS

Bushman C-hooks can be equipped with integral load weighing systems. The accuracy of the load cells is from +/- 0.2% to 0.5% of full load.

MODEL 624-MILL DUTY C-HOOK

These C-hooks are designed for close stacking. The distance from the lifting bail to the tip of the hook is shortened to allow handling of all coil widths within the operating range (widest to narrowest). The reduced overall width of this style can reduce aisle width and increase storage density.

MILL DUTY C-HOOKS ARE BUILT WITH LARGER SECTIONS AND CORNER RADIUS TO KEEP STRESSES TO A MINIMUM, THEREBY PROVIDING MAXIMUM SERVICE LIFE. THE LIFTING BAIL IS A HARDENED STEEL REPLACEABLE PIN.

Our mill-duty C-hooks are designed to ASME BTH-1, Category B, Service Classes 3 or 4.

These C-hooks are designed for close stacking. The distance from the lifting bail to the tip of the hook is shortened to allow handling of all coil widths within the operating range (widest to narrowest). The reduced overall width of this style can reduce aisle width and increase storage density.

MOTORIZED ROTATING C-HOOK

Bushman’s Motorized Rotating C-hook is equipped with a motorized rotator capable of continuous 360° rotation. This feature provides additional capability for safe and accurate positioning of coils.

MOTORIZED ROTATING C-HOOK

This C-hook handles high temperature coils in continuous-duty, hot mill applications. It has bolt-on wear pads with air gaps that provide a heat shield for the hook.

HIGH TEMPERATURE RATED C-HOOK

STORAGE STANDS

Since C-hooks are large and heavy, they can cause personal injury or property damage if they fall over. Each C-hook should be stored in an upright position on a stand specifically designed and built by Bushman for its size, shape and weight.

Typical stand

Platform helps with attachment to crane hook

Bolt-on steel with bonded urethane

Bolt-on machined Nylatron

UHMW (Nylon) bolt-on pads

MODEL 600 PAPER ROLL C-HOOK

The carrying arm is inserted into the roll core

MODEL 624-5L CLOSE-STACKING C-HOOK

Mill duty C-hooks are built with larger sections and corner radii to keep stresses to a minimum, thereby providing maximum service life. The lifting bail is a hardened steel replaceable pin.

C-hooks are designed to ASME BTH-1, Category B, Service Classes 3 or 4.

These C-hooks are designed for close stacking. The distance from the lifting bail to the tip of the hook is shortened to allow handling of all coil widths within the operating range (widest to narrowest). The reduced overall width of this style can reduce aisle width and increase storage density.

MOTORIZED ROTATING C-HOOK

Bushman’s Motorized Rotating C-hook is equipped with a motorized rotator capable of continuous 360° rotation. This feature provides additional capability for safe and accurate positioning of coils.

HIGH TEMPERATURE RATED C-HOOK

This C-hook handles high temperature coils in continuous-duty, hot mill applications. It has bolt-on wear pads with air gaps that provide a heat shield for the hook.

STORAGE STANDS

Since C-hooks are large and heavy, they can cause personal injury or property damage if they fall over. Each C-hook should be stored in an upright position on a stand specifically designed and built by Bushman for its size, shape and weight.

Typical stand

Platform helps with attachment to crane hook

MODEL 600 PAPER ROLL C-HOOK

The carrying arm is inserted into the roll core

C-HOOKS WITH LOAD WEIGHING SYSTEMS

Bushman C-hooks can be equipped with integral load weighing systems. The accuracy of the load cells is from +/- 0.2% to 0.5% of full load.

Solving Material Handling Problems
Below-The-Hook  •  Floor Based
www.bushman.com
Bushman Equipment
800-338-7810
custinfo@bushman.com