ROLL LIFTERS
SECTION

SRB STANDARD ROLL LIFTING BEAM

PRODUCT FEATURES

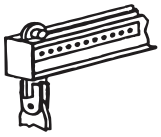
- Standard beam sizes.
- J-Hooks are custom cut per order to fit your specific application.
- Hooks can be fixed or pivot style.
- J-Hooks are infinitely adjustable between minimum & maximum spread.
- Complies with ASME standards.

SPECIAL ROLL LIFTING BEAM

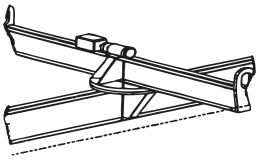
Used to lift rolls with plate style or bent bar J-Hooks. Hooks are designed to support the core mandrel which is through the I.D. of the roll. Fixed beam lengths can be used for single roll widths. Maximum roll diameters will determine length of J-Hooks.

PRODUCT FEATURES

- Ideal where headroom is limited.
- Easy lifting and positioning of rolls.
- Adjustable spread options.
- Twin hoist capability.
- Motorized rotation available.
- Complies with ASME standards.

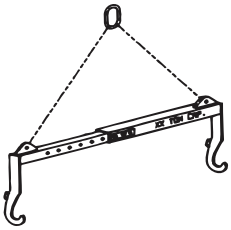


OPTION A
Adjustable Spreads
Used when handling rolls of varying widths.

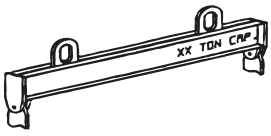


OPTION D
Motorized Rotation
Allows remote positioning of a load.
For additional info, see Model RLB on page 17.

OPTION B
Hook Linings
a. Bronze/Brass
b. Urethane
c. Brake Lining
(Min. Shaft Dia. = 6")



OPTION E
Spreader Beam
Offers greater stability when required headroom is not a consideration.



OPTION C
Twin Bails
Used when two hoists are required to stabilize a lift, when load rotation is not desirable.

ROLL GRIPPING TONGS

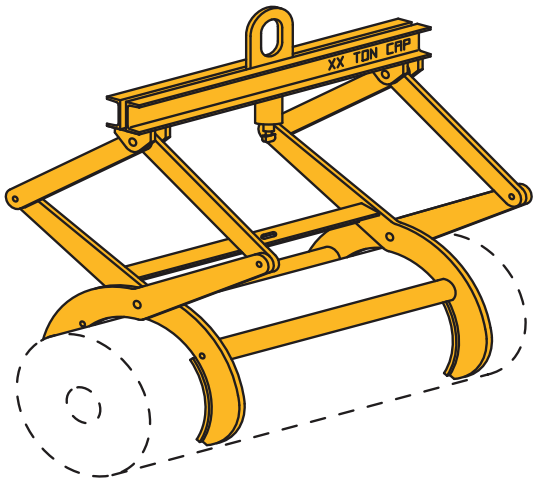
Used to grip the O.D. of a roll. The diameter range can vary up to 25%. A double leg design will provide additional roll stability; however, single leg models are available for narrower rolls. Recommend double leg for rolls wider than 48".

CAPACITIES

DOUBLE LEG: UP TO 4 TONS
SINGLE LEG: UP TO 2 1/2 TONS

PRODUCT FEATURES

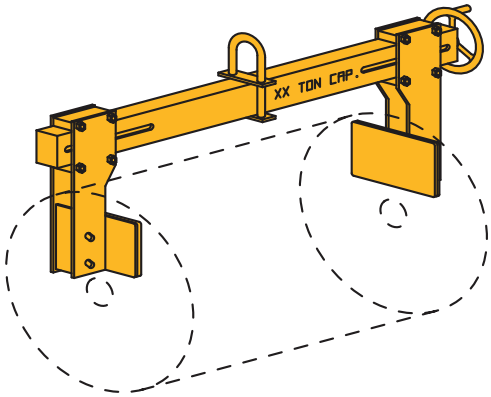
Automatic latching mechanism for single-person operation. Tong saddles with protective covering to prevent roll damage are available.



ROLL GRABS

Used for side lifting of rolls by gripping on the ends. A wide range of roll lengths or widths can be accommodated. Motorization is recommended when handling a wide range of roll widths.

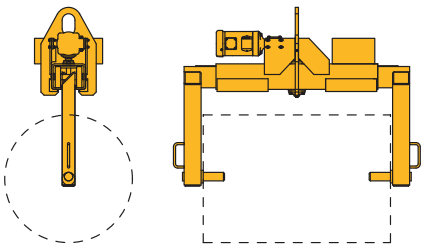
CAPACITIES UP TO 5 TONS

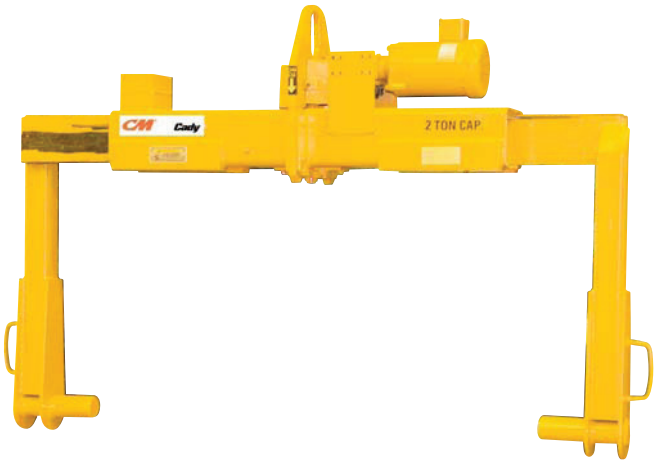


MOTORIZED ROLL LIFTER

Used to lift rolls by positioning lifting pins in the I.D. of the roll. Arms move in and out to clear and lift roll. This model will handle a variety of widths with minimal aisle clearance requirements. Motorization is recommended; however, chainwheel operation is available.

CAPACITIES UP TO 10 TONS

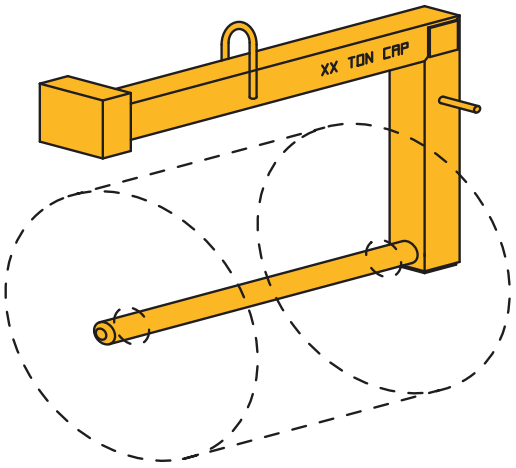




ROLL LIFTING C-HOOKS

The CM Cady Roll Lifting C-Hook is designed to handle rolls by inserting a round arm into the roll I.D. This unit is counter balanced to hang level when empty for ease of insertion into the roll core. Guide handle is standard. Lifter parking stand can be furnished if required.

CAPACITIES UP TO 5 TONS



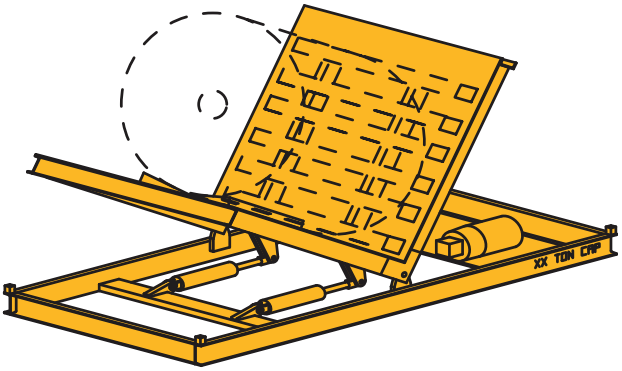
ROLL POSITIONERS

The CM Cady Low Platform Roll Upender/Downender allows rolls to be repositioned by 90° rotation. The low platform is desirable in those applications where headroom is restricted. Hydraulic controls are standard.

CAPACITIES UP TO 7 1/2 TONS

The Heavy Duty Roll Positioner
is available with a mechanical drive.
This model requires additional platform height.

CAPACITIES UP TO 30 TONS



APPLICATION EVALUATION — ROLL LIFTERS

Please specify the desired model number: _____

ROLL INFORMATION:

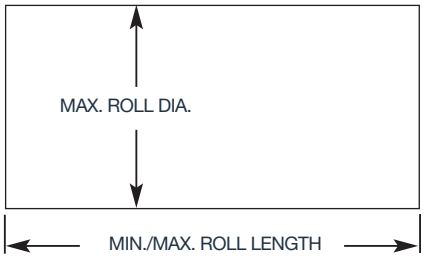
Minimum: Length _____ Diameter _____ Weight _____

Maximum: Length _____ Diameter _____ Weight _____

SHAFT / I.D. INFORMATION:

Minimum: Length _____ Diameter _____

Maximum: Length _____ Diameter _____

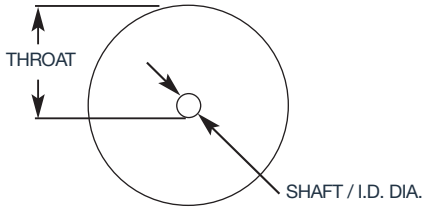


Any clearance requirements: i.e., headroom, machinery obstructions, etc.

_____

_____

_____



J-HOOK INFORMATION

Is shaft turning when roll is lifted: ❑ Yes ❑ No

Hook style: ❑ Pivoting ❑ Fixed

POWER REQUIREMENTS (FOR MOTORIZED UNITS)

❑ DC ❑ AC Voltage_____ Phase_____ Cycle_____

Additional application information or option requirements:

_____

_____

_____

_____

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

Email: _____

CARE & USE

Below-The-Hook Lifters by CM Cady have been designed for specific tasks to withstand the particular forces imposed. Guidelines for installation, inspection, maintenance and repair, safe operation and operator training of these lifters follow:

INSTALLATION

Below Hook Lifters shall be assembled and installed in accordance with the manufacturer's instructions, unless other specific arrangements have been approved in writing by manufacturer. When lifter/auxiliary power supply is required, user inspection shall ensure that the power source complies with ANSI/NFPA 70, National Electrical Code and shall include a power disconnect switch as required in accordance with ANSI/NFPA 70 based on the lifters requirements. If electrical connections are made, the power supply and corresponding power disconnects shall be connected to the line side (power supply side) of the crane disconnect or to an independent circuit as specified in the manufacturer's instruction manual.

Check for correct rotation of all pumps and power units, lubrication of moving parts, and filling of reservoirs, all in accordance with manufacturer's instructions.

OPERATOR TRAINING

Lifters shall be operated in accordance with manufacturer's instruction manual, and by personnel who have received instructions described in the "Operating Practices" section of these guidelines. Training shall also include instruction regarding:

1. Details of the lifting cycle.
2. Application of the lifter to the load including (according to the manufacturer's instructions) adjustments to the lifter, if any, to adapt it to various sizes and kinds of loads.
3. Instruction in any special operations or precautions that may be required.
4. Recognition of proper load configuration. For example, preferred operation requires an orderly pattern of stacking.
5. Before assuming responsibility for using the lifter, an operator shall demonstrate his understanding of the lifting procedure to the instructor. The instructor should record notes of operator's demonstrated ability

INSPECTION

The lifter shall be visually inspected by or under the direction of an appointed person on a daily or weekly schedule depending on the nature of the lifter and the severity of the service.

Details to look for include but are not limited to:

1. Structural deformation.
2. Cracks in the structural frame, welds, hoist hook attachment points, mechanically operating parts, any attached slings, clevises and hooks.
3. Malfunctions during operation of a mechanically operating lifter.
4. Loose covers, fasteners and stops.
5. Faulty operation of automatic hold and release mechanisms.
6. Wear of hoist hooking points, load supporting clevises, pins, slings, linkages and mechanical parts.
7. Missing nameplates and markings. Contact CM Cady for replacements.

MAINTENANCE & REPAIRS

1. A preventive maintenance program should be established for each lifter by a qualified person based on recommendations made by its manufacturer.
2. A qualified person should have responsibility for repairs. Dated records and details of repairs and parts replacement should be carefully maintained by a qualified person, and copies kept in your possession.
3. Replacement parts shall be at least equivalent to the original manufacturer's specifications.

MODIFICATIONS OR REPAIRS PERFORMED ON YOUR LIFTING EQUIPMENT WITHOUT PRIOR WRITTEN APPROVAL FROM **CM CADY** VOIDS YOUR WARRANTY. REFER TO ASME STANDARDS FOR INFORMATION REGARDING THE LIABILITY OF REPAIRED OR MODIFIED LIFTERS.

CARE & USE

OPERATING PRACTICES

DO's

1. The operator shall receive, read and understand the manufacturer's instruction manual.
2. The operator shall watch carefully that the lifter is performing properly during the lifting procedure.
3. The operator shall know the standard crane hand signals.
4. The operator shall only respond to signals from an appointed person. However, stop signals from anyone shall be obeyed.
5. The operator shall notify a designated person when he considers a load to be unsafe.
6. The operator shall inspect the lifter before using. Any defect observed shall be examined by a qualified person to determine if it is a hazard.

DON'Ts

1. The operator shall not operate a malfunctioning lifter or one with an "out of service" tag attached.
2. The operator shall not use the lifter for any purpose(s) other than those designated by the manufacturer's instruction manual.
3. The operator shall not use a lifter when the capacity, weight or product safety labels are missing or are no longer legible.
4. No one shall make alterations or modifications to lifters without consulting the manufacturer.
5. No one shall obscure or paint over the manufacturer's capacity, weight, or safety markings.
6. Loads shall not be lifted higher than necessary or be left suspended unattended.
7. The lifter shall not lift a load that is not properly balanced for safe lifting.

HANDLING THE LOAD

1. The lifter shall not be loaded in excess of its rated load.
2. The combined weight of the lifter and load shall not exceed the rated load of the crane or hoist.
3. The lifter shall be applied to the load in accordance with the manufacturer's recommended operating procedure.
4. Lifter ropes and chains shall not be kinked, and multiple part lines shall not be twisted about each other.
5. The lifter shall not touch obstructions during load movement.
6. The lifter shall not be loaded with loose material that might fall during movement.
7. The operator or other personnel shall not place themselves or any part of their bodies beneath suspended loads.
8. The load or lifter shall not be slid on the floor or other surface.
9. The lifter shall not be used for loads for which it is not designed.
10. If suspended loads are moved manually, they shall be pushed, not pulled.
11. A preliminary lift of a few inches shall be made to establish that the load is stable.
12. All loads shall be accelerated and decelerated smoothly and slowly.

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