INSTRUCTION MANUAL FOR

Model 20 – Low Headroom Multiple Spread Lifting Beam

Your new Model 20 Lifting Beam will only support loads up to its rated capacity when loaded correctly. The Model 20 lifting beam is a load supporting lifter complying with ASME B30.20 BTH-1 Design Category B and Service Class 2, which is for specific tasks withstanding forces based on the unit's rated capacity. Use the following guidelines for your protection, and for optimal operation of your equipment. The safety precaution list below is not necessarily all-inclusive. The owner/user is responsible for understanding and acting in accordance with ASME, ANSI, OSHA, local, and state regulations. Refer to the Manufacturer's Instruction Manual for product and safety information on other attachments, components, or both used with your lifting equipment.

1. **DO NOT** EXCEED RATED CAPACITY.
2. **DO NOT** lift or support people.
3. **DO NOT** lift over people.
4. **DO NOT** lift higher than necessary.
5. **DO NOT** leave suspended load unattended.
6. **DO** inspect the lifter for damage or excess wear before each lift. Check for structural bending and cracks, excess wear at load points and pins, cracked or broken welds, deformed hardware, cotter pins in place, nuts tightened on the swivel hook, or nuts tightened on shackles. If inspection reveals any defect(s), remove the lifting device from service, and tag "Out of Service". Immediately notify your Safety administrator or Supervisor to contact The Caldwell Group regarding any defect.
7. **DO** contact The Caldwell Group to replace worn or damaged tags and/or decals.

The Caldwell Group accepts no responsibility or liability for any of its product that are improperly used. The safety information in this manual is provided as a guide for the user, and is not a substitute for proper training and usage.

Loading Operation

1. **See Tag & Decal Location page 3**, Know the rated capacity of the beam and the beam weight (located on the Caldwell Nameplate/ID tag).
2. **See Figure 1**, Position the swivel hooks symmetrically.
3. Confirm that the pins are through both channels, the cotter pins are secure (in both pins), and the swivel hook nuts are tight, before lifting the load.
4. **See Figure 1**, Use **ONLY** symmetrical attachment loading! Attach the load to each of the fixed swivel hooks with latches; and position the load at equal distance from the center of the bail.
5. **See Figure 1**, Use **ONLY** vertical pull (The center of the crane hook must be 90 degrees to the beam).
6. **See Figure 1**, Prevent tilting of the Model 20 Lifting Beam and the load, by positioning the load's center of gravity in-line with the center of the crane hook.
7. Perform a test lift of several inches to verify the load is properly balanced and the lifter is level/horizontal.
8. **See Figure 1**, the Lifting Beam is level/horizontal and the attachment is symmetrical, proper lifting.

PROPER LIFTING

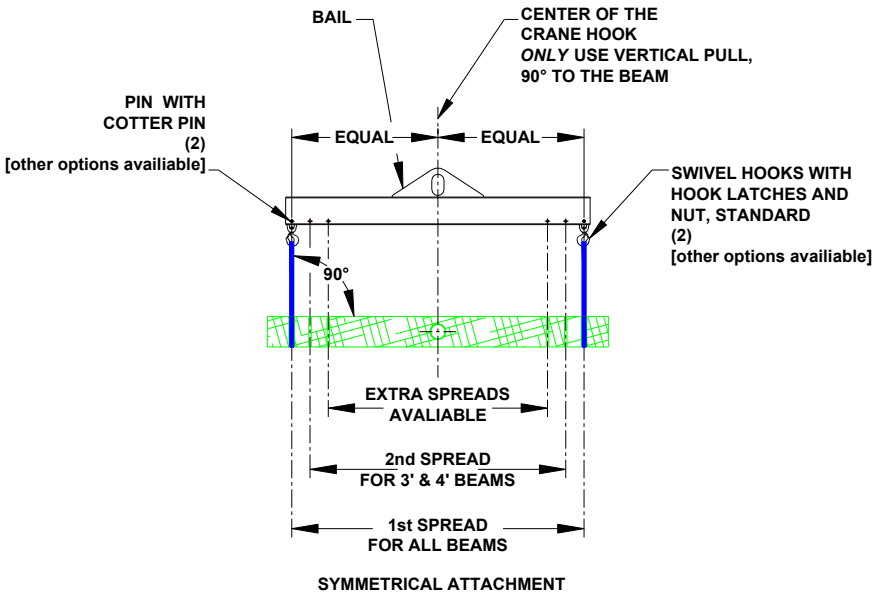

Figure 1

Modifications to your lifting equipment without prior written approval from The Caldwell Group, Inc. voids your warranty.

Refer to ASME B30.20 regarding liability of repaired or modified lifters

4080 Logistics Parkway
Rockford, IL 61109
P.O. Box 6005
Rockford, IL 61125
800.628.4263
815.229.5667
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caldwellinc.com
The Caldwell Group, Inc.
Quality. Guaranteed.

IMPROPER LIFTING

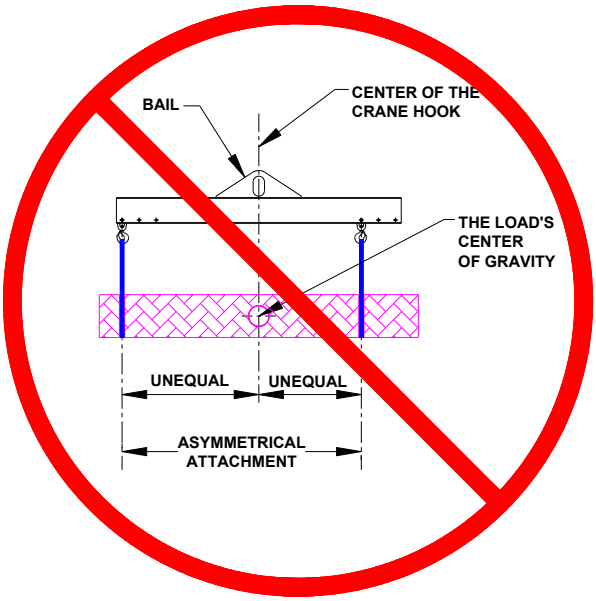

Figure 2

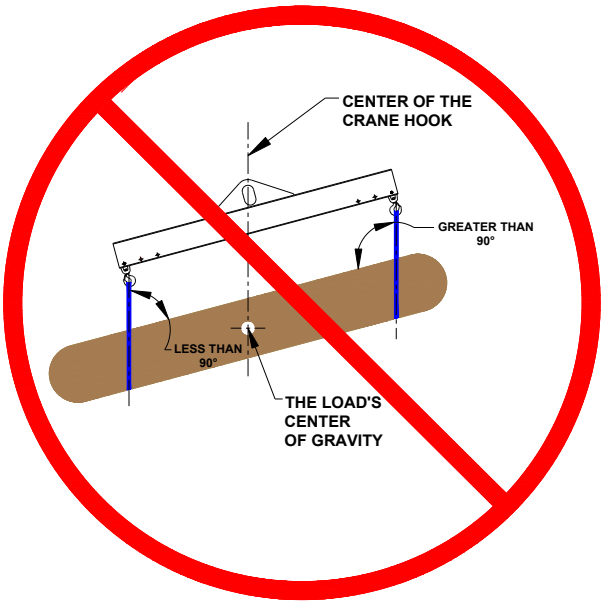

Figure 3

4080 Logistics Parkway
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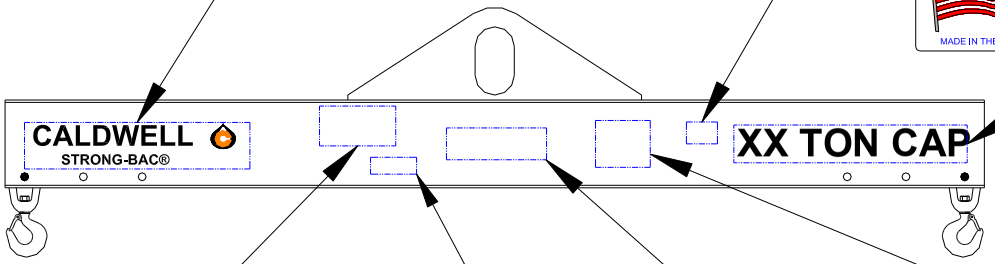
Model 20
Low Headroom Multiple Spread
Lifting Beam
Tag & Decal Location

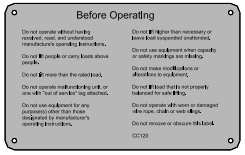


CALDWELL LOGO
(2)

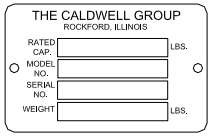
MADE IN THE USA
(1)

RATED CAPACITY
(2)

BEFORE OPERATION
(1)

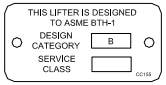


CALDWELL NAMEPLATE / ID
(1)



DO NOT EXCEED RATED CAPACITY
(2)

ASME B30.20
BTH-1
DESIGN CATEGORY B
SERVICE CLASS 2



NOTE: The Tag & Decal Location drawing is a pictorial representation. The exact location of tags and decals may differ on your unit.