



The Caldwell Group, Inc.

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INSTRUCTION MANUAL FOR Model 90 Standard Fixed Forks Pallet Lifter

Your new Model 90 Pallet Lifter only supports loads up to its rated capacity when loaded correctly. The Model 90 Pallet Lifter is a load supporting lifter complying with ASME B30.20 BTH-1 Design Category B and Service Class 2, which is for specific tasks notwithstanding forces based on the unit's rated capacity. The following guidelines are 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** ensure the load can withstand the forces applied by the lifter.
7. **DO** Inspect the lifter for damage or excess wear before each use. Check for structural bending and cracks, excess wear at load points and pins, cracked or broken welds, deformed hardware. 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.
8. **DO** contact The Caldwell Group to replace worn or damaged tags, decals, or both.

Lifting Operation

1. Know the rated capacity, weight, and fork length for your Model 90 Pallet Lifter (See the Caldwell Nameplate/ID tag on your lifting unit and page 2).
2. **See Figure 1**, A counterbalance on The Model 90 Pallet Lifter ensures that the lifter hangs level when empty.
3. **See Figure 1**, Distribute the load equally on both forks.
4. **See Figure 1**, Prevent tilting of the lifter and load, by positioning the load's center of gravity in-line with the center of the crane hook.
5. Fasten the load securely to the Pallet lifter.
6. Perform a test lift of several inches to verify the load is properly balanced and the lifter is level/horizontal.
7. **See Figure 1**, the pallet length is equal to the fork length and the Lifter is level/horizontal, proper lifting position.
8. **See Figure 2**, the pallet length is less than the fork length and the Lifter is level/horizontal, proper lifting position.
9. **See Figure 3**, the Lifter is not level/horizontal, improper lifting position. **DO NOT tilt the lifter FORWARD.**

Figure 1

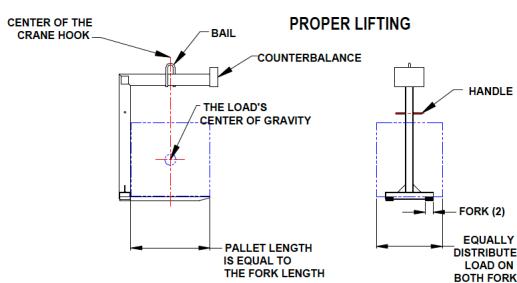


Figure 2

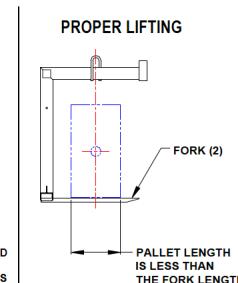
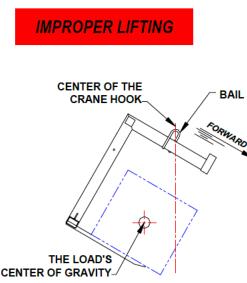
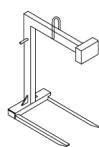


Figure 3



MODIFICATIONS TO YOUR LIFTING EQUIPMENT WITHOUT PRIOR WRITTEN APPROVAL FROM
 THE CALDWELL GROUP, INC. VOIDS YOUR WARRANTY.

REFER TO ASME 30.20, REGARDING LIABILITY OF REPAIRED OR MODIFIED LIFTERS.



90-PL (REV_02)

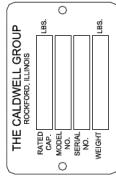


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Model 90 Standard Fixed Forks Pallet Lifter Tag & Decal Location

CALDWELL NAMEPLATE / ID (1)



Read and understand
Instruction Manual (2)



Do NOT exceed
Rated Capacity (2)



RATED CAPACITY DECAL

#CC115A DECAL
LOAD CENTER OF GRAVITY
(2)



CALDWELL LOGO DECAL
(2)

Note: The "TAG and DECAL Location" drawing is a
pictorial representation. The exact location of
tags and decals may differ on your lifting unit.

FORK LENGTH _____

MODEL NUMBER _____