

PORTABLE-CRANE W/POWER UNIT

1 TON (908 Kg) CAPACITY

MODEL NO. B67587

**WARNING**

1. STUDY, UNDERSTAND, AND FOLLOW ALL WARNINGS AND INSTRUCTIONS PROVIDED WITH THIS EQUIPMENT PRIOR TO OPERATION. IF ANY PORTION OF THIS MATERIAL IS UNCLEAR, CONTACT THE FACTORY FOR CLARIFICATION BEFORE USE.
2. CRANE MUST BE COMPLETELY AND PROPERLY ASSEMBLED AS OUTLINED IN THE INSTRUCTION MANUAL BEFORE USE.
3. HYDRAULIC UNIT MUST BE LOCATED CORRECTLY IN CLEVIS LOCATED ON MAST; THE RAM END OF THE HYDRAULIC UNIT MUST FULLY ENGAGE PIVOT CAP LOCATED ON BOOM.
4. DO NOT EXCEED LOAD CAPACITIES SPECIFIED ON THE BOOM AND LEGS FOR EACH POSITION.
5. LEGS MUST BE EXTENDED EQUALLY AND SET TO THE SAME CAPACITY RATING AS THE BOOM.
6. DO NOT TRANSPORT CRANE IN FOLDED UP POSITION WITHOUT LEGS SECURED WITH LOCKING CHAINS.
7. USE ONLY ON HARD LEVEL SURFACE CAPABLE OF SUSTAINING THE LOAD.
8. POSITION THE LOAD AS CLOSE TO THE GROUND AS POSSIBLE PRIOR TO TRANSPORTING IT.
9. DO NOT ALLOW LOAD TO SWING OR DROP SUDDENLY WHILE MOVING OR LOWERING.
10. USE ONLY CHAINS OR SLINGS WITH A CAPACITY EQUAL TO, OR GREATER THAN, THAT OF THE CRANE.
11. DO NOT STAND IN BOOM'S PATH OF TRAVEL. LOSS OF LOAD MAY CAUSE BOOM TO RISE SUDDENLY.
12. BOOM MUST BE LOWERED COMPLETELY BEFORE ADDING OIL TO UNIT RESERVOIR.
13. IT IS YOUR RESPONSIBILITY TO KEEP WARNING DECAL LEGIBLE AND INTACT. REPLACEMENT DECALS MAY BE OBTAINED FROM THE FACTORY.
14. FAILURE TO HEED THESE WARNINGS MAY RESULT IN LOSS OF LOAD, DAMAGE TO THE EQUIPMENT, OR FAILURE RESULTING IN PROPERTY DAMAGE, PERSONAL OR FATAL INJURY.

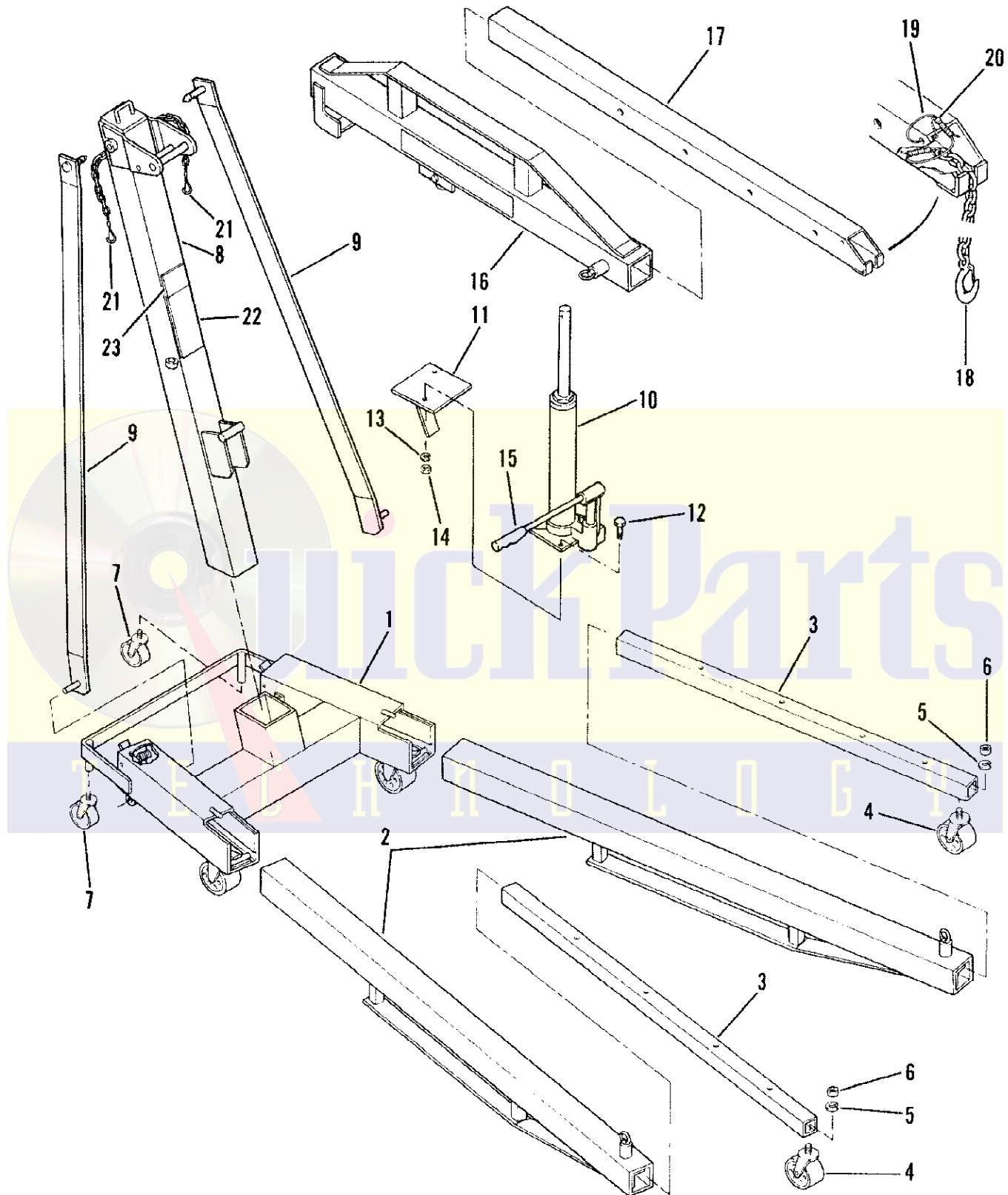
**OWNER'S RESPONSIBILITY**

**Operation.** The owner and/or operator shall have an understanding of these operating instructions and warnings before operating the Crane. Warning information shall be emphasized and understood. If the user is not fluent in English, the instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

**Maintenance.** The Crane shall be maintained in accordance with instructions listed under "Maintenance."

**Inspection**

1. Visual inspection shall be made before each use of the Crane, checking for leaking hydraulic fluid, and damaged, loose or missing parts.
2. Each Crane, if subjected to an abnormal load or shock, shall be inspected immediately by an authorized Blackhawk service center.
3. Owners and/or users should be aware that repair of this equipment may require specialized knowledge and facilities. It is recommended that an annual inspection of the Crane be made by an authorized service center and that any defective parts, decals or warning labels be replaced with genuine Blackhawk parts. A list of authorized service centers is available upon request.



1 TON CRANE B67587

**Damaged Equipment.** Any Crane which appears to be damaged in any way, is found to be badly worn or operates abnormally, SHALL BE REMOVED FROM SERVICE until necessary repairs are made by an authorized service center.

## ASSEMBLY

Refer to parts illustration for numbers and details of assembly methods. All parts should be present before assembling.

1. Slide inner leg (item 3) all the way into leg (item 2) making sure inner leg locks in place.
2. Install leg (item 2) into base (item 1) by pressing downward on pivot arm and sliding leg (item 2) all the way into base (item 1), making sure leg (item 2) is latched in place by pivot arm.
3. Slide mast (item 8) into base (item 1).
4. Install straps (item 9) by sliding the base end of strap (pin without groove) into pivot socket located on the base (item 1), making sure pin is installed completely into socket. Pivot strap (item 9) up, making sure strap is locked in place between pivot socket and locking bracket. Slide mast pivot end of strap (item 9), (pin with groove) into locking tube located on upper part of mast (item 8) until pin is locked in place by mast locking pin.
5. Bolt hydraulic unit (item 10) to base plate (item 11).
6. Install hydraulic unit (item 10) into lower clevis located on mast (item 8) and lean unit assembly back against mast. Handle socket should be on the opposite side of mast.
7. Connect boom (item 16) to mast clevis (item 8) by holding boom parallel to mast, and slide boom hook into mast clevis, making sure hook is completely engaged in clevis. Pivot boom (item 16) upward and hydraulic unit (item 10) outward away from mast; position ram into pivot cap located on boom (item 16) making sure ram is completely engaged with pivot cap.
8. Slide inner boom (item 17) all the way into boom (item 16), making sure boom locks in place.
9. Secure lifting chain (item 18) into boom clevis (item 17).
10. Inner legs (item 3) and inner boom (item 17) must be set to the proper capacity.

## MAINTENANCE

Check periodically to insure tightness of all bolts and nuts. Lubricate pins, wheels and caster bearings as required to keep them moving freely. Keep a light coat of oil on the hydraulic unit ram.

## OPERATION

1. Adjust boom length to reach the load. Always use the shortest amount of extension possible for maximum stability.
2. Legs must be extended equally and set to the same capacity rating as the boom.
3. To raise, turn release lever fully clockwise, insert handle in handle socket, and pump handle.
4. To lower, turn release lever counterclockwise slowly. Lowering speed is controlled by the amount lever is opened.
5. When transporting a load, always lower the boom to position the load as close to the floor as possible.

## INSTRUCTIONS FOR FOLDING DOWN OR STORING CRANE

Refer to parts illustration for numbers and details of assembly methods.

1. Adjust inner legs (item 3) and inner boom (item 17) to the highest capacity rating.
2. Fold down boom (item 16) by lifting upward on boom, while holding hydraulic unit (item 10). Once ram end of hydraulic unit is disengaged from pivot cap, lean hydraulic unit back against mast, and pivot boom (item 16) downward against mast (item 8).
3. Fold up legs (item 2) by pressing downward on pivot arm located on the back part of the base (item 1). Once pivot arm bracket is depressed, pull leg forward, release pivot arm after leg has traveled approximately 2 inches, continue sliding leg forward until leg is stopped by pivot arm bracket. Lift upward and pivot leg (item 2) backward until leg is parallel with mast (item 8). Once leg is folded up, leg should be secured with locking chains (item 21).

## DISASSEMBLY

Refer to parts illustration for numbers and details of assembly methods.

1. Adjust inner legs (item 3) and inner boom (item 17) to the highest capacity rating.
2. Remove boom (item 16) by lifting upward on boom, while holding hydraulic unit (item 10). Once ram end of hydraulic unit is disengaged from ram, pivot cap, lean hydraulic unit back against mast, pivot boom (item 16) downward against mast and lift upward on boom, unhooking boom from mast clevis.

3. Remove hydraulic unit (item 10) by lifting in an upward direction.
4. Remove straps (item 9) by pulling upward on release pin located on top of mast (item 8), at the same time pulling sideways on strap (item 9), pivot strap downward until it is free to slide out of base pivot socket.
5. Remove mast (item 8) by lifting in a upward direction.
6. Remove legs (item 2) by pressing downward on pivot arm located on the back part of the base (item 1). Once pivot arm bracket is depressed, pull leg forward, sliding leg out of base.

**B67587 PARTS LIST  
1 TON CRANE W/POWER UNIT**

Item No.	Part Code	Description	Qty. Required	Item No.	Part Code	Description	Qty. Required
1	B7101950	Base	1	13	699-40962	Lock Washer 5/16	2
2	B7099950	Leg	2	14	699-50083	Hex Nut 5/16-18	2
3	B7048212	Inner Leg	2	15	H6866900	Handle	1
4	B7004329	Caster	2	16	B7095950	Boom	1
5	699-46751	Lockwasher 1/2	2	17	B7093950	Inner Boom	1
6	J586.055	Hex Nut 1/2-13	2	18	B7001166	Chain Assy	1
7	H0944500	Caster	2	19	B7002216	Cable	1
8	B7100950	Mast	1	20	B7001473	Compression Sleeve	2
9	B7094950	Strap	2	21	B7002367	Snap Swivel	2
10	B6714900	Hydraulic Unit	1	22	B7064619	Decal Warning	1
11	B7098950	Base Hydraulic Unit	1	23	B7062619	Model Decal	1
12	699-41347	Bolt 5/16-18 x 1.0	2				

**LIMITED WARRANTY**

Lincoln, a Division of McNeil (Ohio) Corp., a subsidiary of Pentair, Inc., warrants that jacks and related service equipment sold with the brand-names Lincoln, Blackhawk Automotive, Blackhawk Automotive Banner, Blackhawk Automotive Porto-Power, Hein-Werner Automotive, Hein-Werner Automotive Winner will be free from defects in material and workmanship during the one (1) year following the date of purchase. This warranty is extended to the original retail purchaser only. If a jack or related service equipment proves to be defective during this warranty period, it will be repaired or replaced without charge. To obtain repair or replacement, it must be shipped, transportation charges prepaid, with proof of date of purchase to a Lincoln authorized Warranty and Service Center, within one (1) year following the date of purchase. This warranty does not apply to parts damaged from accident, overload, or abuse, nor does it apply to any equipment which has been altered or used with special attachments other than those recommended by Lincoln. No other express warranty applies to jacks and related service equipment manufactured by Lincoln. ANY IMPLIED WARRANTIES applicable to jacks and related service equipment manufactured by Lincoln, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL LAST ONLY FOR ONE (1) YEAR FROM THE DATE OF PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. In no event shall Lincoln be liable for incidental or consequential damages. The liability of Lincoln on any claim for loss or damage arising out of the sale, resale, or use of a jack or related service equipment shall in no event exceed the purchase price. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.