

MATERIAL HANDLING EXCHANGE

# ACHIEVING EXCELLENCE IN REBUILT Lift Truck Quality and Price!

All Brands Available

*(Narrow Aisle & Counter Balance - Electric, L. P., Gas and Diesel)*



# M·H·E

## MATERIAL HANDLING EXCHANGE

INCORPORATED

1800 Churchman Avenue • Indianapolis, IN 46203

Toll Free: 1-877-536-6894

IMPORTANT NOTICE: Material Handling Exchange is not a dealer of new forklift equipment, and does not claim to be affiliated with any manufacturer of new forklift equipment.

# Get The Advantage!

## MATERIAL HANDLING EXCHANGE LIFT TRUCK REBUILDING REBUILT Vs. RECONDITION — *(What's the difference?)*

The difference between a rebuilt lift truck and a reconditioned lift truck is simple, yet very important to recognize. Reconditioned lift trucks account for approximately 55% of the used lift truck market. A properly reconditioned lift truck has been thoroughly inspected. Parts that are in good working order are left on the truck: and, any major components that need work are either replaced with new or rebuilt parts. Beware, we have seen many so called rebuilt and reconditioned lift trucks which are nothing more than paint jobs and new wheels. Why pay rebuilt prices when you are not getting a rebuilt lift truck!

Rebuilt lift trucks represent about 5% of the used lift truck market. We are looking to increase this percentage with our low rebuild prices and excellent quality. Our rebuilt lift trucks have been disassembled down to the bare frame. They are then cleaned, inspected, repaired, reassembled with new or rebuilt parts, and repainted to the original manufacturers colors including even the smallest details. All of our rebuilt lift trucks come with a warranty! (See back page for details.)



*All dashboards, covers, pads (including floor pads) are reconditioned or replaced.*

### BENEFITS:

- We can provide late model rebuilt lift trucks or simply rebuild your current fleet.
- Average delivery time 2 - 3 weeks from receipt of lift truck at our facility. Wide range cartage available at reasonable rates.
- Average rebuild cost, (Material Handling Exchange supplies lift truck) 55% - 75% of new.
- Average rebuild cost, (Customer supplies lift truck) 30% - 50% of new.
- Customers are able to reduce up front capital expenditures.
- Leasing Programs tailored to individual needs.

### FEATURES:

- Full 30-Day warranty on I. C. Forklifts. Full 30-Day warranty on Electric Forklifts
- Efficiently trained parts representatives combined with computerized parts networking capabilities are available to handle any of your needs or questions on new or rebuilt components.
- Modern equipment rebuild facility stocked with highly skilled lift truck technicians and the latest tools for advanced technology in rebuilding. Rebuilt lift trucks that are actually Rebuilt, not Reconditioned!
- We do all rebuilding and replacement in house: therefore, increasing our quality control.
- All lift trucks must pass our 100 point inspection prior to delivery.



### THE QUALITY CONTINUES!

*A properly done rebuild job is without a doubt very important to ensure long-lasting lift truck operating life and performance. We also feel that the power supply for our units is equally important and, therefore, provide as an option the appropriate industrial batteries and chargers with every rebuild package.*

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*Why pay more for a lift truck when you don't have to?*

# Our Commitment to Quality and Service!

## REBUILD PROCEDURES:

### Drive Unit:

The drive unit is broken down and inspected for internal gear damage. Any gears, bearings, radial rings, seals or other related items that are damaged are replaced accordingly.

All gears are re-shimmed according to manufacturers specifications. Any unusual damage found in drive unit such as (worn or broken bearing mounts, cracks, etc.) will be shown to the customer prior to repairing (when customer supplies forklift).

Following inspection and repair the drive unit is reassembled, sealed and reinstalled in the forklift.

### Brakes:

1. All brakes are dismantled and restored to their original condition.

## RECONDITIONED BATTERY

MHE can provide a (New Battery) if necessary to achieve our customers usage needs: However, MHE typically has a vast assortment of high quality used batteries which offers our customers an even larger package savings versus the price of new! BEWARE of the used batteries that haven't gone through a thorough testing procedure to which will detail their remaining life. A battery doesn't do anyone any good if it will only operate the forklift for an hour or two before failing. MHE tests any and all used batteries prior to them shipping to our customers. If they don't pass 75%+ capacity rating they simply don't ship. Once they've passed the discharge test they are cleaned, painted, resealed. All cables and connector ends are repaired or replaced as needed to new or like new condition. MHE has invested Thousands of dollars in our testing equipment to further ensure the quality of our used batteries!

## USED OR NEW CHARGERS:

MHE can usually provide you with a quality used (Auto Control) battery chargers as well. All used chargers are bench tested to ensure proper operation. All cables and connectors are repaired or replaced as needed. We then set the AC voltages to whatever voltage necessary for your application. This way, all you have to do is hook it up once it arrives!

(Pads, master cylinder, and slave cylinder, etc.)

### Electric Motors:

All electric motors go through the following steps during a lift truck rebuild:

1. The motors are removed from the lift truck, inspected for voltage leaks to the motor frame, dismantled, and visually inspected.
2. The motor armature is tested for grounds and shorts, turned, undercut, dipped and baked to eliminate any potential grounding problems.
3. The field coils are pulled from the housing, leak tested, re-insulated, dipped, baked and reinstalled in housing.
4. All bearings are replaced with top quality bearings to ensure longer motor life.
5. All motor brushes and springs are replaced.
6. Motor is completely cleaned and painted to original manufacturers colors.
7. The motor is bench tested to ensure quality.

### Cables and Wires:

1. All cables and wires are inspected for discoloration, cuts and burns and replaced as needed.

### Electronic Components:

1. All components are tested for proper operation and replaced as needed with new parts where necessary or rebuilt parts if available.

### Hydraulics:

1. All hydraulic cylinders are thoroughly inspected to ensure there are no leaks. (If necessary, pistons will be re-chromed and cylinders repacked to ensure a quality seal.)
2. All hydraulic pumps are inspected for leaks and proper output pressures. They are resealed and adjusted if possible. All shaft ends are inspected for damage. New couplings are installed between all pumps and motors. If pump is beyond repair it will be necessary to replace with rebuilt pump when available or new pump when rebuilt is not available.
3. All control valves are inspected for proper operation and leaks. They are re-sealed and repaired as needed.

### Hoses & Reels:

1. All hoses are inspected for any form of damage or leaks and replaced where necessary with top quality hose.
2. All hose reels are inspected and resealed to eliminate and prevent any potential leaks.

### Mechanical Items:

(Steer arms, Scissor assemblies, Caster assemblies, Chains, Linkages, etc.)

1. Steer arms are inspected for excessive play and repaired or replaced as needed.
2. Scissor assemblies are dismantled and inspected for excessive play. New bearings and shims are installed as needed.
3. Caster assemblies are dismantled and inspected. Components are replaced as needed to repair assembly to its original condition.

4. All chains are inspected for excessive wear and replaced as needed.
5. All linkages are inspected for excessive wear and replaced as needed.

### Wheels and Tires:

1. All wheels and tires are replaced with top quality rubber or polyurethane products per customers preference.
2. All wheel and tire bearings are inspected for wear and replaced where necessary.



### Mast and Carriage:

1. The mast and carriage are inspected for excessive wear.
2. All mast and carriage bearings are replaced as needed and re-shimmed to original manufacturer's specifications.

### Frame:

1. Entire unit is inspected for stress and impact cracks, and repaired as needed.

### Paint and Detailing:

1. Lift truck is sanded down to bare metal.
2. The lift truck is then painted to original manufacturers' colors and decals are placed accordingly.

### Lubrication:

1. Entire lift truck is lubricated according to manufacturers' specification.

### Overall Operation Inspection:

1. Each lift truck, prior to leaving our facility, is run through every available function to ensure proper and safe operation, and must pass our 100 point check list.
2. Final adjustments are made to ensure proper acceleration, plugging and braking.

**THESE STEPS ARE JUST PART OF OUR COMMITMENT TO PROVIDE THE HIGHEST QUALITY SERVICE AVAILABLE.**

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## REBUILT WARRANTY POLICY

**Y**our Material Handling Exchange Inc. rebuilt lift truck/equipment is warranted against defects in material and workmanship on minor and major components, including wearable components for a period of 30 days from initial delivery to your facility.

If you experience a problem with this lift/equipment during the warranty period please call Material Handling Exchange at (877) 536-6894 to arrange for service on the unit. Material Handling Exchange will promptly call a qualified lift truck service company of their choice in your area and arrange immediate service. Material Handling Exchange will not be responsible for any unauthorized repairs.

Components found to be defective during the warranty period will be replaced or repaired without charge. Replacement components installed during the warranty period are warranted for the balance of the warranty period. Additionally, Material Handling Exchange Inc. will pay all freight charges involved in the replacement or repair of a defective component, provided that the authorized service company chosen by Material Handling Exchange makes the replacement or repair. Local taxes, if any, are excluded.

This warranty is void in the event of defects or damage caused by lack of scheduled maintenance, misuse, abuse or accident.

Material Handling Exchange reserves the right to make changes and improvements in design.

Material Handling Exchange further reserves the right to have the equipment serviced in the facility where the problem occurs.

Notwithstanding any other language contained herein, this warranty is expressly voided without further notice if any modification is made to said equipment, or if additional components or devices are added to the equipment, without prior approval having been granted in writing by Material Handling Exchange.

It is the responsibility of our customers to report any and all noticeable damage upon the receipt of their lift truck/s from the freight company. Any and all necessary freight claims are to be filed with the freight company before acceptance of lift truck/s. MHE will not be held responsible for damage caused in shipping due to negligence of the freight company.

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