

RICO

Lift Trucks

Material Handling Redefined

Call today 330.723.4050 or visit
ricoequipment.com



VEHICLE REBUILD PROGRAM

Innovative Solutions for Material Handling



RICO Manufacturing | 691 West Liberty Street | Medina, OH 44256 | 330.723.4050 | ricoequipment.com

Vehicle Rebuild Professionals

Since 1984

Our **rebuild** program **reduces** capital equipment **expenses**, provides quicker lead-time for delivery, and **added** life to your original investment. We can **reuse** many manufactured weldments and parts that exist on your RICO vehicle, **reducing** your overall upfront cost and adding **additional** savings toward your bottom line.



OPTION 1: Vehicle Inspection (For pricing contact RICO)

This inspection will cover:

- Identifying **obsolete** parts (recommendation of new serviceable and off the shelf replacements)
- **Required** maintenance repairs
- Identifying **safety violations** in accordance with **ANSI B56.1/OSHA** standards for industrial trucks
- **Weld** and **structural** inspection
- Conduct **performance testing** on speed, lift, and other circuits to factory setting or OEM standards
- Inspect electrical circuits to **NFPA 70** (National Electric Code)
- Inspect hydraulic **system**
- Inspect vehicle to industrial class type in accordance with **ANSI B56.1** standards and **Z535** safety labeling requirements

Information will be delivered in a report identifying necessary repairs and recommendations. A quote will also be issued at the time of the report which will itemize repairs and lead-times.

*Additional cost may be applied if some disassembly is required

**All on-site inspections require advanced notice and safe secure work area for technician. Disassembly of the vehicle will not be possible for on-site inspections as well as full load and speed testing in most situations.

OPTION 2: Electrical Controller Upgrade (For pricing contact RICO)

RICO will upgrade your obsolete controller to the newest version **specifically designed for your vehicle**. Solid state controllers are designed to simplify trouble shooting, reduce technical training and increase operator safety. Safety and diagnostics are improved through "operator training mode" and easy to read LED "Flash Code" display for easy troubleshooting. All controllers are backed by **RICO's 1 year warranty**. Some limitations may apply at time of sale.

RICO will perform the following:

- Upgrade existing controller with one of our newest versions (Sevcon, Curtis, Navitas, or Zapi)
- Replace primary wiring as required
- Replace secondary wiring as required
- Engineer new wiring schematics identifying safety circuits, labeling and new components
- Inspection of primary and secondary electrical components

RICO recommends the above mentioned controllers for these upgrades based on performance requirements, environmental conditions and amp draw requirements. We can also upgrade any part you may need during this service at a lower, off the shelf cost.



OPTION 3: VEHICLE REBUILD PROGRAM (Quoted upon inspection)

RICO offers a **complete rebuild program** for the all RICO Manufacturing product lines. Our rebuild program will **identify** components and weldments that have less than 50% life expectancy, **replace** obsolete parts, and **rebuild** parts that are readily available.

Electrical Evaluation

The following **electrical items** will be **replaced** under this program:

- Controller, switches, brushes, push buttons, hour meters, key switch, and contactor tips/pendants
- All primary & secondary wiring, resistors, diodes, and suppressors
- Rebuild components (only on parts readily available)
- Replace components (when parts not readily available)

Hydraulic Evaluation

The following **hydraulic items** will be **replaced** under this program:

- **Relief valves**, flow controls, check valves, pumps, filters, tank screens, and pressure gauges
- **Hoses**, worn fittings, oils, and a complete system cleaning and test
- **Rebuild** components (only on parts readily available)
- **Replace** components (when parts not readily available)

Drive System Evaluation

The following **drive system items** will be **replaced** under this program:

- **Brake** stators, rotor pad, brake hub, friction plates, mechanical springs, and pressure plates
- **Gear** oils, seals, tires and bearings
- **Rebuild** components (only on parts readily available)
- **Replace** components (when parts not readily available)

Tire and Wheel Assemblies Evaluation

The following **items** will be **replaced** under this program:

- **Tire**, bearings, seals, grease fittings, and busings



Mechanical Parts Evaluation

The following hydraulic items will be replaced under this program:

- **All wearable items** but not limited to bushings, bearings, and springs

Chassis Structural Evaluation

The following will be performed under this program:

- **Capacity weight test** for structural integrity and weld fatigue
- **Major dents, damages, and gouges** will be **repaired**
- **Missing inspection plates** will be **replaced**
- **Covers** will be **repaired** or **replaced** upon evaluation to **original condition**

Paint

The following will be performed under this program:

- **Main chassis painted** with industrial enamel **Safety Orange** or **Yellow Finish**
- Bumpers, weldments, and undercarriage **finished** with industrial enamel **Satin Black**
- **All finishes** will meet a 2-3 mil **industrial top coat**
- **All surfaces** will be lightly sandblasted and sanded, **reducing** paint build up

Custom paints can be applied or purchased at an additional charge

Decals and Safety Labels

The following will be replaced under this program:

- **All serial number & data tags** will be **replaced** with new in accordance with **ANSI B56** standard
- **All safety labeling** will be identified and marked in accordance with **Z535** marking and color labeling
- **Vehicle** will receive an **updated operator manual** that will be securely attached to the vehicle for **operator awareness**

Special customer stenciling can be applied at an additional cost



Safety Inspection

The following will be performed under this program:

- **Vehicle** will be **inspected** and **tested** in accordance with **ANSI B56/OSHA** standards for industrial trucks
- **Vehicle** will be **load tested** and **performance tested** with **maximum load capacity** rating
- **Vehicle** will be evaluated for **operator safety** and identification for controls

Manual in Electronic Format

The following will be performed under this program:

- **Manual** will reflect **updated components** and **assemblies**
- **Suggested** spare parts list
- **Detailed** drawings when applicable
- Updated **electrical prints**
- Updated **hydraulic prints**
- **Warranty** information
- **Performance** test data

Warranty Terms

Parts and Labor warranty terms

- 90 days labor reimbursement on workmanship
- 1 year on new parts replacement
(See New Warranty Disclaimer)
- 6 Months on rebuilt components

**Additional cost may be applied if some disassembly is required*





VEHICLE REBUILD PROGRAM

OPTION 4: Complete Vehicle Evaluation and Modification Plan

For Pricing
Contact RICO

RICO offers a complete evaluation and modification plan to fit your budget. We can modify your existing vehicle to meet the ever changing needs of your business. This program was designed for a lower cost solution while reducing your capital equipment expenditure. This will extend the return on your investment on existing equipment.

Evaluation Process

Our evaluation includes:

- An OEM trained technician
- An application work sheet will be used to gather critical information and presented to both the dealer and end user. Information such as, but not limited to:
 - The load requirements
 - The environment the vehicle is operating in
 - Any vehicle restrictions
 - The amount of time the vehicle will be operating daily
- An engineering review of the chassis to identify:
 - Stress or strain on the chassis
 - How the behavior of the vehicle relates as a whole
 - Analyzing your vehicle for structural integrity
- An ANSI B56 review of the vehicle which will adhere to:
 - The safety of the vehicle
 - The design of the vehicle
 - The construction of the vehicle
 - The application of the vehicle
 - The operation of the vehicle
- An itemized quote will be delivered which will identify the work to be performed
- A proposal drawing will be presented with the quote at the time of delivery

Modification Approval

- RICO will modify your vehicle once a signed-off PD drawing is received with purchase order

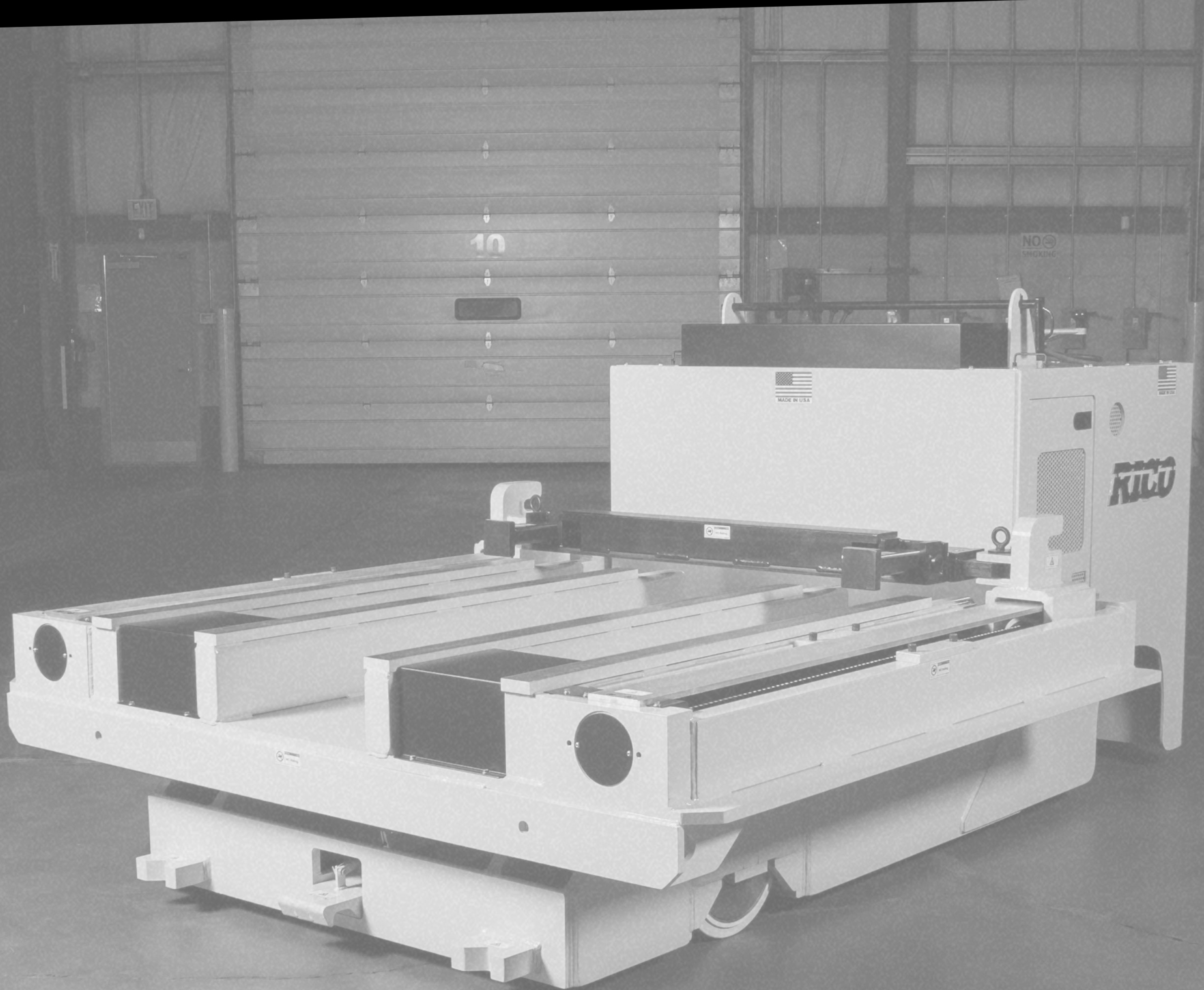
**Additional cost may be applied if some disassembly is required*

**An on-site evaluation can be conducted at your location*

For more information or scheduling opportunities, please call:
Customer Service Department: 330.723.4050
customerservice@ricoequipment.com

RICO
Lift Trucks

VEHICLE REBUILD PROGRAM



RICO Manufacturing, Inc.
691 West Liberty
Medina, OH 44256

Phone: 330.723.4050
Fax: 330.723.4012

www.ricoequipment.com

