





**Machine Refurbishment: An affordable Alternative to New Equipment**

This equipment was refurbished by:



Job Number:	<b>10-0312</b>
Customer PO:	S 00050661
Refurbish Date:	04/26/2010



**InMotion, LLC**  
180 Harvester Avenue  
Lawrenceburg, TN 38464  
931-762-9217  
[www.inmotionrobotics.com](http://www.inmotionrobotics.com)

**InMotion, LLC**

180 Harvester Avenue

Lawrenceburg, TN 38478

Contact: Tim Warhurst

Cell: (931) 242-8177

Email: [twarhurst@inmotionrobotics.com](mailto:twarhurst@inmotionrobotics.com)

## **InMotion offers equipment refurbishment as an affordable alternative to new machinery**

In these tough economic times successful companies have learned to adapt their equipment strategies to the changing financial environment. Fortunately the end of the recession is on the horizon and those who are still in business have a bright future.

Lessons learned since late 2007 have been many. Some companies have realized the importance of maintaining and upgrading existing equipment in situations where the cost of new systems isn't feasible.

In the case of one of our automotive parts manufacturing customers, this was the correct solution for getting machinery to run new products after their facility was purchased by a larger company.

InMotion accepted the challenge of refurbishing assembly line machines formerly used in production many years ago and saving them from the scrap yard.

Our services included stripping each machine down to bare frames, sandblasting, and pressure washing. Then we rebuilt each with new tooling, wiring where needed, hoses, clamps, shields, guards, safety systems, controls, and other mechanical/electrical components. We finished each machine with coats of new paint and safety/instruction labels.

The end result is a new assembly line with machines for various processes at a fraction of the cost. For example, one machine would have cost over \$90k new and we saved it for less than \$6,000. The customer is more than satisfied with this savings.

In addition to individual machine refurbishment, InMotion will renew your complete assembly line including framework, conveyors, or whatever other components are needed to rejuvenate your assembly process. Key benefits for this operation includes but is not limited to:

- Major savings on capital compared to machine replacement
- Improved operational capacity of each machine
- New customer perception (Improved equipment aesthetics )
- Cleaner working environment which reduces contamination
- Improved environment = happier employees
- Downtime reduction and easier PM operations
- Operator safety improvements

In most cases it does not matter what function your machine performs in order to get it refurbished. Our technicians have reworked machines used for welding, fluid dispensing, spot welding, nut torque, damping force testing, and others. Our group takes care to record machine asset numbers so when your unit is reassembled new labels with numbers matching your equipment list can be added. Also, new safety and pinch-point labels will be in place, along with critical operator instructions.

As for finish, let us know your company colors and we will match it. Moving parts will be color coded according to the safety standards in your area, and the basic machine will be in the color of your choosing. InMotion will replace old frame work with either new welded steel or structural aluminum. We prefer structural aluminum because it looks much better, never has to be repainted, and gives your operation a cleaner, more modern look. The brand we use is also rugged, durable, and has locking features that will withstand your operations. Our technicians will also secure each locking point where structural aluminum is used with the appropriate flavor of Loc-Tite.

When it comes to tooling and rewiring, the real operational features, InMotion will make your old machine better than new. We have best in class panel building expertise, and wire many machines from simple equipment to complex robotic systems every month, so replacing old PLC's, relays, and wiring isn't a challenge for our group. On the tooling end, we have two locations where tooling, plate and frame work, and other metal components can be tooled, refinished, or fabricated. Our initial machine shop has been in business since 1984 and the other is located in our robotic facility where most of our frame work and small tooling applications take place. See the following pages for before/after examples of our work.

















Thank you for considering InMotion for your machine refurbishment needs. Remember, InMotion also offers many types of special manufacturing machines, custom designed and built for your operations. In the event refurbishment isn't the answer for your company, we will be glad to offer custom welders, presses, material handling equipment, and many other types of machinery.

For more information contact Tim Warhurst at (931) 242-8177, or [twarhurst@inmotionrobotics.com](mailto:twarhurst@inmotionrobotics.com). InMotion has been in business for more than twelve years, and our employees have an extensive manufacturing, engineering, or equipment background.

If robotics and automation is a better fit for your group, we specialize in this environment, particularly with robotic welding. While we are very capable with material handling, machine tending, and other automated operations, not many other system integrators have our level of experience and support with welding. Be sure to ask about our custom line of robotic welding cells known as MotionArc and our line of automated and dedicated welders. Thank you for your time and for considering InMotion for your automation partner.



180 Harvester Avenue, Lawrenceburg, TN 38464. Shop: (931) 762-9217 ext. 104. Web: [www.inmotionrobotics.com](http://www.inmotionrobotics.com)