



JR AUTOMATION TECHNOLOGIES, LLC

ANTI LOCK BRAKE ASSEMBLY CASE STUDY

INTELLIGENT DESIGNS

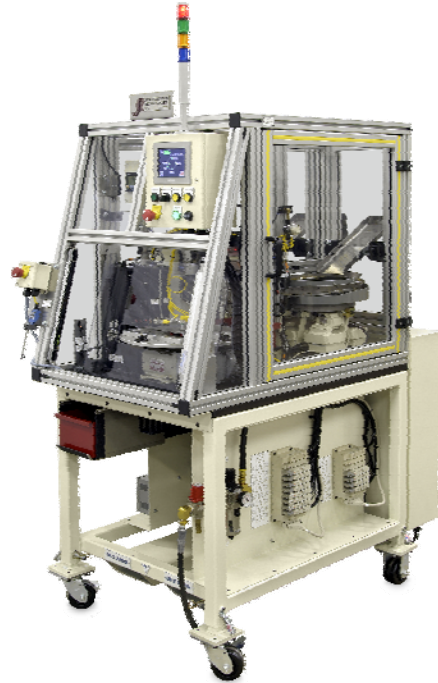
FAST FACTS:

- In business since 1980
- 120,000 sq. foot facility
- 210 employees
- North of Holland, MI

JR Automation Technologies, LLC staffs ingenious, qualified professionals who design and build solutions for efficiency and speed, customized for your specific needs. Whether that means machines or process development, the JR team has a smart, lean solution to your challenging project.



13365 Tyler Street
Holland, MI 49424
P: 616-399-2168
Website: www.jrauto.com



CHALLENGE:

Design and build a machine to international standards for assembly and testing of small parts, within a tight budget, with an 8 second cycle time.

SOLUTION:

A tight budget minimizes choices, but maximizes the creativity of the engineers at JR. Working with the customer, the JR process gets to the core of the challenge, and finds opportunities others may overlook.

In this case, the result is a smaller, finely machined, lightweight assembly solution that produces to close tolerances. The machine uses automation to feed and press terminals into housings, and then to verify quality.

For our international customer, JR's solution includes the ability for this machine to run in both Japan and the United States. Our machine meets electricity codes and specifications for both countries.

OUTCOMES & BENEFITS:

- Meets international standards
- Creative solution for a tight budget
- Fine machining for close tolerances