



Automated Machine Tending

The [Cross Automated Machine Tending solution](#) is designed to operate a CNC machine without constant manual operator interaction. In today's tight labor market, it's increasingly difficult to find workers and keep them in repetitive, dull jobs. With a quick ROI period, this solution frees up these workers to do more complicated tasks that can't be done through automation.

Cross's Automated Machine Tending Solution uses two way handshaking to communicate directly to the CNC machine. It tells the machine when to run, receives a signal when it is done, operates the tool holder, and open/closes the doors. When purchased with the standard carts, this solution is ready for deployment as soon as it arrives, with minimal pick and place programming required.

Talk to one of our robotic experts today to learn how to implement this robotic solution and improve your bottom line.

[Contact Us](#)

Automate Your Mundane Material Handling Tasks

Mobile robots automate the mundane material handling tasks on the production floor. Completely autonomous, mobile robots can make the movement of components and finished goods around your facility more efficient without compromising safety.



Compared to other material handling options, mobile robots are:

- Easier to find and train than people in today's tough hiring market. Use your humans in higher value add activities and leave the dull, dirty and sometimes dangerous jobs to the robot
- Much smaller than a conveyor
- Much more flexible than an autonomous guided vehicle (AGV). While the technology behind AGVs is impressive, it is dependent on a static configuration of machinery and process

To see Omron's newest [LD250 mobile robot in action, watch this video!](#)

Cross Company can evaluate your material handling requirements and recommend the best automated solution for your particular process. Contact us today to see if a mobile robot is right for your facility.

[Request a Demo](#)

Clippard Cordis Proportional Pressure Controls



Precise, linear pressure control within a closed-loop system with ultra-high resolution and repeatability

At Cross Company, we are proud to represent a number of providers such as Clippard that give our customers the flexible solutions that they require for their applications. The Cordis High Resolution Electronic Proportional Pressure Controls, is a great example of just such a solution. Because the Cordis utilizes proven EVP and DVP lines of proportional valves, it allows for repeatable and steady downstream pressure regardless of demand or process changes. The system is adaptable to a variety of sensors that can close the loop around pressure, vacuum, or flow.

Talk to one of our pneumatics experts today to learn about how Cross Company can help you become more efficient and improve your bottom line.

[Request a Quote](#)



Upcoming Two Day Core Training for Universal Robots
 Cross Company | Gastonia NC
 February 18-19, 2020
 April 21-22, 2020

[Learn More and Register](#)



Upcoming Webinar - Onsite Inspection

Our sister company, J.A. King , is hosting an upcoming webinar and we hope you can join us!

[J.A. King](#) can bring our ISO-17025 inspection capabilities to your facility!

Thursday, March 5
 11:00 AM - 11:30 AM EST

Do you have parts that are too large or heavy to ship to us for inspection? Or, do you have parts that are too critical to leave your facility? If so, onsite inspection may be the solution. Plan to join J.A. King for an upcoming webinar about our inspection capabilities available at your location. In this 30 minute webinar, learn:

- When is inspecting parts at your facility (instead of in our lab) the most appropriate measurement option?
- What types of inspection can we do, and what technology do we use?
- How does the process of onsite inspection work?
- What deliverables do we provide after the completion of the inspection?

During the session, you will have time to ask our measurement experts questions about your specific application. Feel free to challenge us with your measurement dilemmas!

[Register Today](#)


Newsletter Archives

- Flow & Safety Technologies
- Robotics & Machine Automation
- Precision Measurement

- Hose & Fittings
- Process Control Integration
- Mobile Systems Integration