



Robotics & Machine Automation



Cross Company's Automation Group Moves to Historic Lory Mill in Gastonia

On December 16, 2019 the Automation Group opened for business in Lory Mill in Gastonia, NC. The prior business location was in the Oaks Business Park just down the interstate in Belmont.

The Lory Mill is a 116-year-old historic textile mill that was redeveloped by the Lory Redevelopment LLC team from 2013-2015. The Mill is the largest historic textile mill in the south with 600,000 sq. ft and currently has 440,000 sq. ft remodeled into 189 residential apartment units and 85,000 sq. ft. of commercial retail space.

The Automation team is looking forward to working in this new space and developing innovative, effective solutions for customers using robotics, automation, and pneumatics.

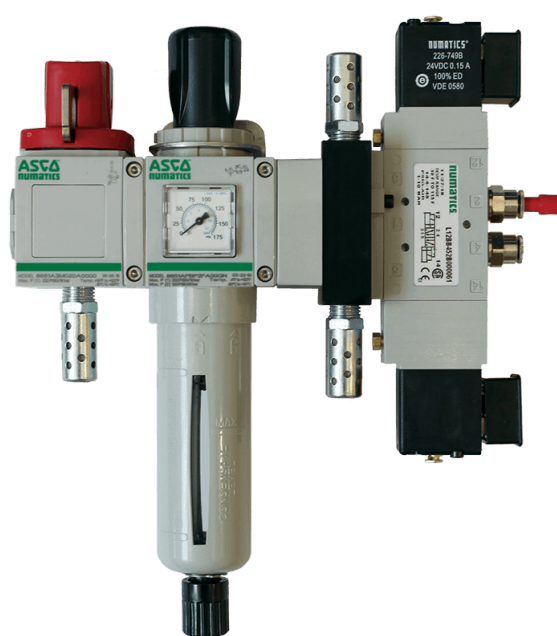
[Contact Cross](#)

Cross Robotic End Effector Control Kit

This turn-key kit is "the easy button" to make your end effector work correctly. It is suitable for simple applications with one gripper or one vacuum generator and will not drop or release load in the event of power failure.

Key Features

- Includes control valve, filter/regulator, shut-off valve, lighted DIN cables (6 ft) and 100 ft of tubing
- Double solenoid valve design ensures that the end effector will hold its load, even in an emergency stop or loss of power situation
- Two models: 1/4" ported assembly with fittings for 6mm tubing for grippers, and 3/8" ported assembly with fittings for 8mm tubing for use with vacuum generators
- Kit includes everything needed to make your gripper or vacuum generator work except for the end effector fittings
- Appropriate fittings can be added to the order if port sizes of the gripper or vacuum generator are provided



Contact the experts at Cross to discuss how to implement this kit into your system to improve your application.

[Request for Quote](#)



Parker Releases New ACR7000 Series Motion Controller

Cross Company is excited to offer our customers the new ACR7000 series of controller products from Parker. The ACR7000 family combines performance, value and scalability that exceeds OEM expectations. Built on the established ACR9000 platform, Parker has reimagined hardware designs, making it ideal for tabletop and laboratory-style instruments. Four micro-stepping drives are integrated with a multi-axis motion controller into a single package, saving space, eliminating cabling and reducing installation complexity. With the power and flexibility of the AcroBasic

language, the ACR7000 series is the perfect building block for customer-specific motion system solutions.

Discuss your motion control application today with one of the application experts at Cross.

[Contact Cross](#)

Universal Robots Core Training Schedule

Cross Company offers core training for Universal Robots throughout 2020 and the first three are listed below. After completing this two day Universal Robots core training course, you will have hands-on experience with a UR robot!

- Program the robot to perform common tasks, including the operation of common peripherals (conveyors, sensors, grippers).
- Optimize a pick and place flow
- Perform palletization
- Understand safety concepts
- Know the additional resources available to them both online and through other training courses.



You will be ready to return to your own robot and create pick and place, palletization, and other common application programs on your own.

Register Today!

[January 14 - 15, 2020 - Cross Company - Gastonia NC](#)

[February 18-19, 2020 - Cross Company - Gastonia NC](#)

[April 21-22, 2020 - Cross Company - Gastonia NC](#)

We recently started featuring new product releases from our supplier partners. For your reference, a summary is below. Should you have any questions concerning the technology or capabilities, please [reach out](#) to one of our experts.

Recent New Products Released:

[Phoenix Contact PLCnext Technology](#)

[Parker ACR7000 Series](#)

[Yaskawa Sigma Trac II Linear Stage](#)



Happy Holidays from Cross Company

We will be closed December 24, 25 and January 1



Newsletter Archives

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