cross®

Robotics & Machine Automation

Newsletter September 2019

Cross Company is Factory Authorized Training Center for Universal Robots

Cross Company is committed to helping you use your Collaborative Robot solution more effectively. Our goal is to highlight unique features, application examples, and provide guidance on how to implement them in your projects further decreasing your installation time and increasing your return on investment.

Cross Company is a UR factory authorized training center and we're offering our core training with collaborative robots on these dates:

- November 19-20, 2019
- January 4-5, 2020
- February 18-19, 2020
- March 24-25, 2020
- April 21-22, 2020

Did you miss last month's feature on Automatic Palletizing? Read about it here!

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Cross Company's New Compressed Air Flow Monitor

Cross Company's self-contained air flow monitor detects are leaks by measuring the peak flow rate and total volume of compressed air consumed.
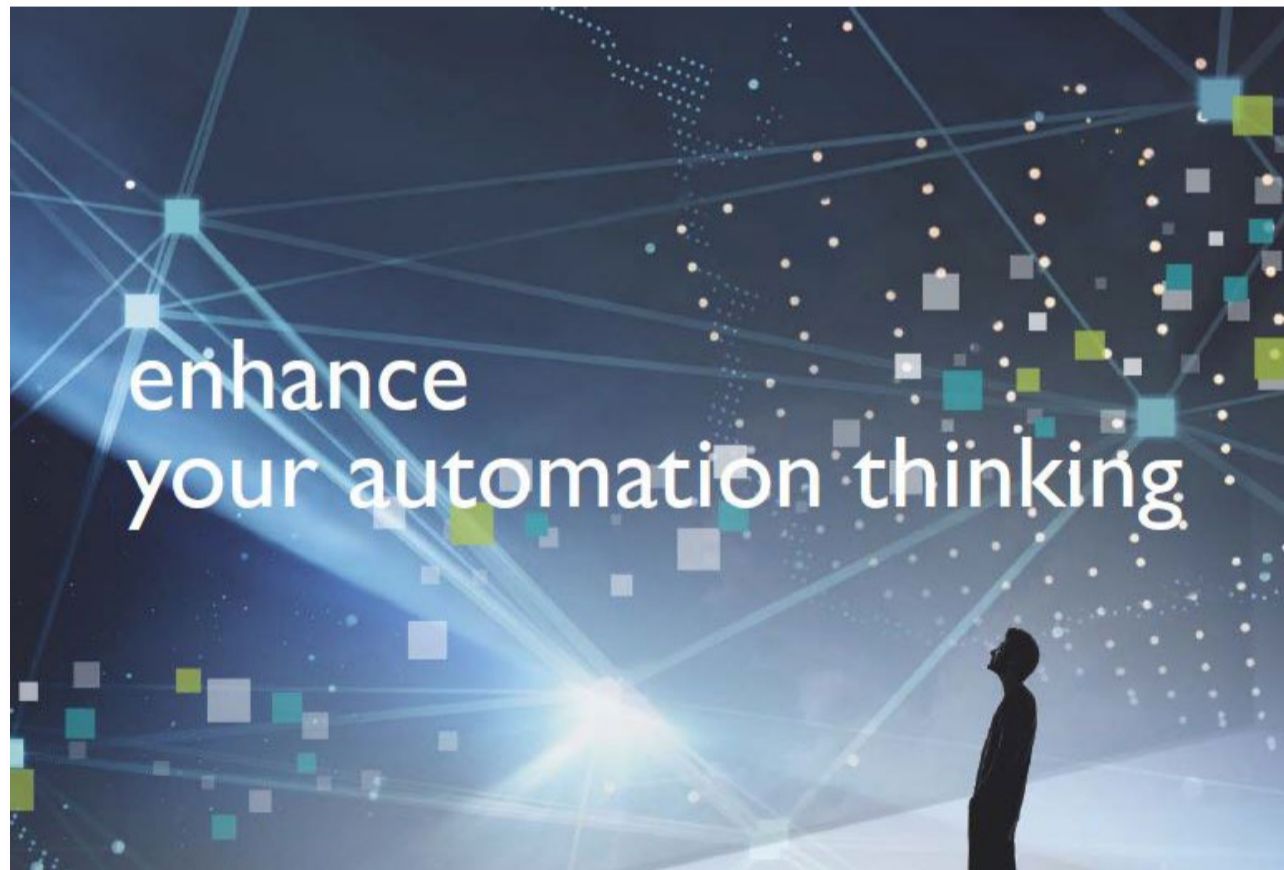
Key Features

- Easy to use: Connect to the compressed air inlet, supply power and you're up and monitoring your air use
- Establish a baseline: Know the peak threshold for your machine and compare against future readings to detect leaks
- Know when there's an issue: Alarms are triggered when a peak threshold measurement is surpassed
- Data at your fingertips: Measures and records peak flow, constant flow and total volume of air used which can be transmitted through a variety of communication protocols to many databases and platforms

Talk to one of our pneumatic experts today to see how this device can help you use less raw material and reduce your risk.

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Meet PLCnext by Phoenix Contact

enhance your automation thinking

This is the Future of Automation

Phoenix Contact's PLCnext is a new technology that expands the use of a PLC in ways that will change the future of automation. This state-of-the-art digital ecosystem offers an open Linux environment for edge computing with access to more data via IoT systems and more flexibility with open source code, in a revolutionary new development environment offering integrated HTML5 visualization and seamless integration of high-level languages. Think Open... Think PLCnext Technology. Contact a Cross team member today to start a conversation and see how we can help your team.

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Download Brochure

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Cross Automated Palletizer

The Cross vertical palletizing and unpalletizing robotic solution offers a flexible solution to eliminate continuous repetitive motion tasks. It has a small footprint, ideal for tight packaging lines and is agile enough to adapt with the ever increasing complexities of your business, eliminating permanent, single task equipment.

Critically, ergonomic-related repetitive motion injuries can create a taxing burden on a business. Additional expenses related to initial medical claims, workers' compensation, loss in production time, insurance premium increases and paperwork processing all inhibit a productive environment and can cost up to $70,000. The Cross palletizing solution automates the palletizing process by moving the heavy load requirements from a person to a repetitive machine. Staff can then be allocated to higher value decision-based work that is less mundane. With the proper risk assessment, most collaborative palletizing system implementations can work right beside human operators without the need for shielded work cells.

> Turn-key, mobile palletizing platform utilizing a 6-axis collaborative robot.
>
> Easy palletizing software eliminates the need for complex programming and allows the system to be used immediately.
>
> Ready to run out of the box, no complex integration or wiring required.

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Continue Reading & Download Spec Sheet

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