

ABB at IMHX 2019 to unlock the power of logistics automation solutions

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ABB will demonstrate how its latest automation technologies can transform logistics businesses to unlock flexibility at IMHX 2019 (<http://directory.imhx.net/Attendee/ExpoHall/ProductDetails/11794>), taking place at the NEC Birmingham, 24 – 27 September 2019. Stand 19J60 will feature examples from ABB's logistics automation and digital portfolio, with experts on hand to explain how they can be deployed to handle a wide variety of parcel sizes, distribution requirements and fluctuating demands typical of today's ever-growing e-commerce markets.

Demonstrations will show how products such as ABB's Singulator Cell can be used to separate small parcels from bulk flow as well as auto induction of parcels to sorter systems, an activity that is largely performed manually today. With payloads of up to 10kg, the cell includes an ABB IRB 1600 robot which has 50 percent shorter cycle times than competing robots in material handling applications.

As a standardised solution, the Singulator Cell provides an ideal solution for SMEs looking to take their first steps towards robotic automation by making it easier to install, program and operate an automated workflow.

Also on show will be the dual and single arm versions of ABB's YuMi™ collaborative robot, which will demonstrate the collaboration possible between robots and humans. Offering enhanced safety and simplicity, the YuMi family provides warehouses with the flexibility to manage shifting demands such as low volume/high mix products.

Simplification will be demonstrated by the new Flex Pendant handheld controller which enables operators to perform many of the tasks involved in robot operation on an intuitive tablet resembling a video game control.

Visitors will also have the opportunity to see ABB's new OmniCore™ controller, which features ABB Ability™, Connected Services and SafeMove2 safety software built-in as standard. OmniCore™ features a fifty percent smaller footprint for maximum installation flexibility and floor space utilization.

"The growth of e-commerce and the shift to mass customization means that warehouses are handling a growing variety of packages and are faced with ever-increasing delivery expectations," says Russell Holmes, Sales Manager – PG Service Robotics at ABB, "At IMHX 2019, we will demonstrate how robotic automation solutions help small, medium and large warehouses ensure that goods are handled with both flexibility and efficiency. Introducing automation solutions such as the Simulator Cell or collaborative robots can help warehouses achieve greater productivity and reliability so that parcels are delivered to the right place, at the right time."

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