

# M.A.C.™

## Mobile Autonomous Cobot

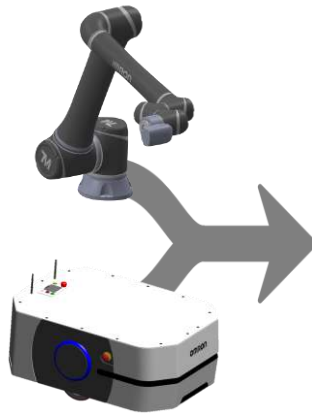


**The M.A.C.™ is a fully-integrated\* solution that consists of an AMR (Autonomous Mobile Robot) with a collaborative robot topper.**

**OMRON**

Sure Controls Inc is Omron's **EXCLUSIVE** partner for M.A.C. solutions to the USA, Mexico, and Canada

The Omron TM12 collaborative robot can perform many different repeatable tasks. The supplementary landmark feature can also be applied to identify and pinpoint objects precisely.



The Omron LD250 navigation reliability is best in class. The scanning system provides both safety and enables the M.A.C.™ to dynamically re-route around obstacles.



## M.A.C.™ Applications

Tend machines: load/unload parts, re-load feeders

Replace 2 or more low-use fixed cobots

Monitor process and take measurements

Pick samples and take to test lab

Empty rejects and take parts to disposal

Carry product to next processing step

AQI (Automated Quality Inspection)

Lab automation

Kitting

Assembly

Social distancing

Pick n' place

*\*Robot end-of-arm-tool sold separately*

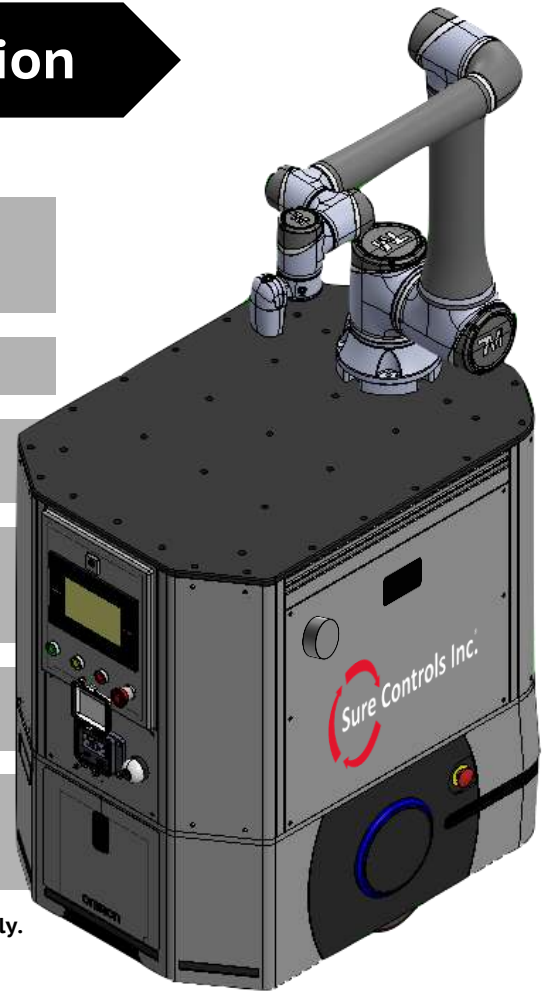
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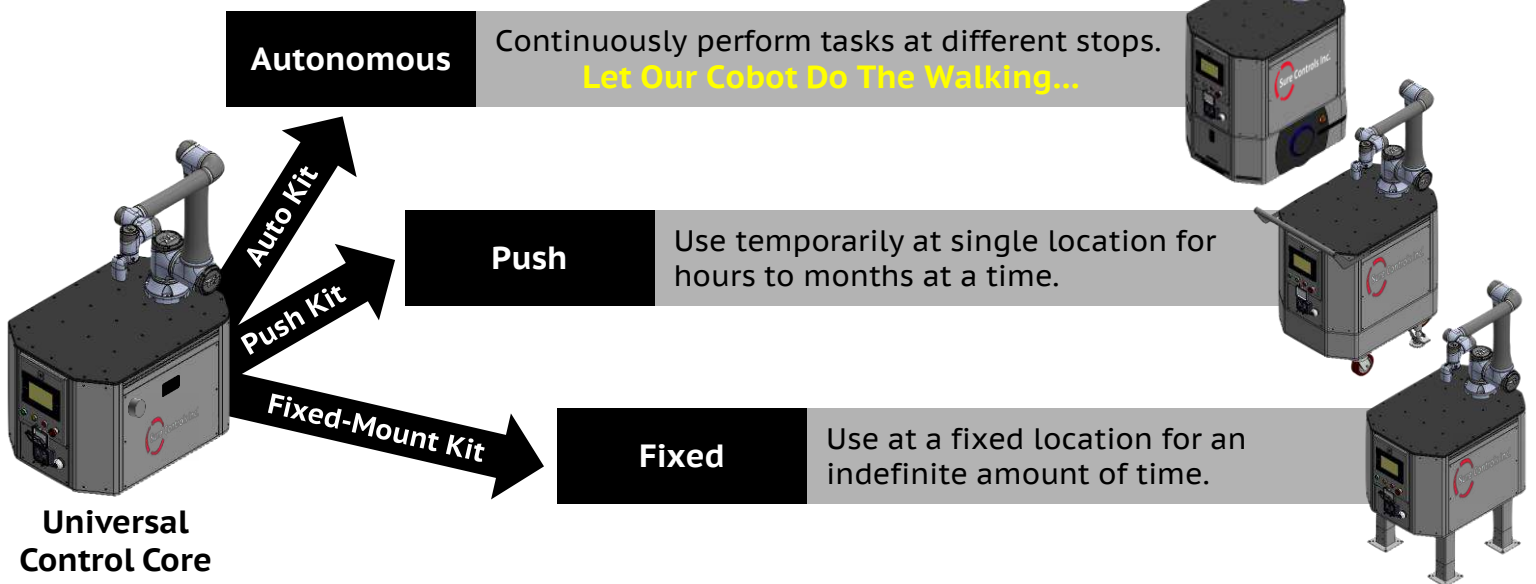
# Ready To Go, Fully Integrated Solution

<b>Cobot</b>	Omron TM12M (DC-version) 12kg (26lb) payload; 1,300mm (51") reach Advanced Landmark Feature for Re-Positioning
<b>Mounting</b>	Extrusions for easy customization
<b>Structure</b>	Heavy-gauge welded steel frame & side covers Powder coated for durability
<b>Controls</b>	Omron NX-series PLC & Omron Safety PLC Omron NA5 7" HMI EWON for Remote Support
<b>Safety</b>	Omron LD250 Integrated Lidar system Omron Side Laser Kit & Safety PLC
<b>AMR</b>	Omron LD250 AMR (autonomous mobile robot) Wide and stable platform Lithium-Ion Battery: 24VDC, 72Ah, 40A



NOTE: Robot end-of-arm-tool and any custom engineering services sold separately.

# Modular to Meet Changing Needs



Dedicated 24/7 Support Team



PLANT  
AUTOMATION  
TO MAKE  
YOU SM:}E