

M.A.C.™

Mobile Autonomous Cobot



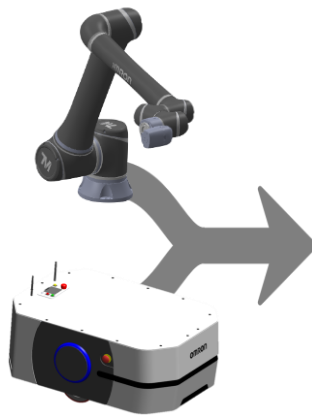
The M.A.C.™ is a fully-integrated* solution that consists of an AMR (Autonomous Mobile Robot) with a collaborative robot topper.

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*

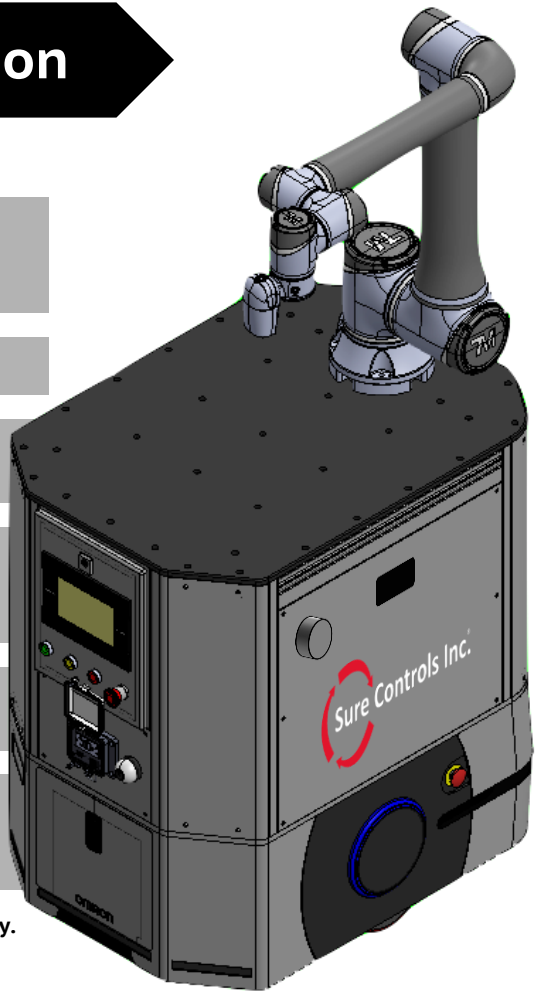
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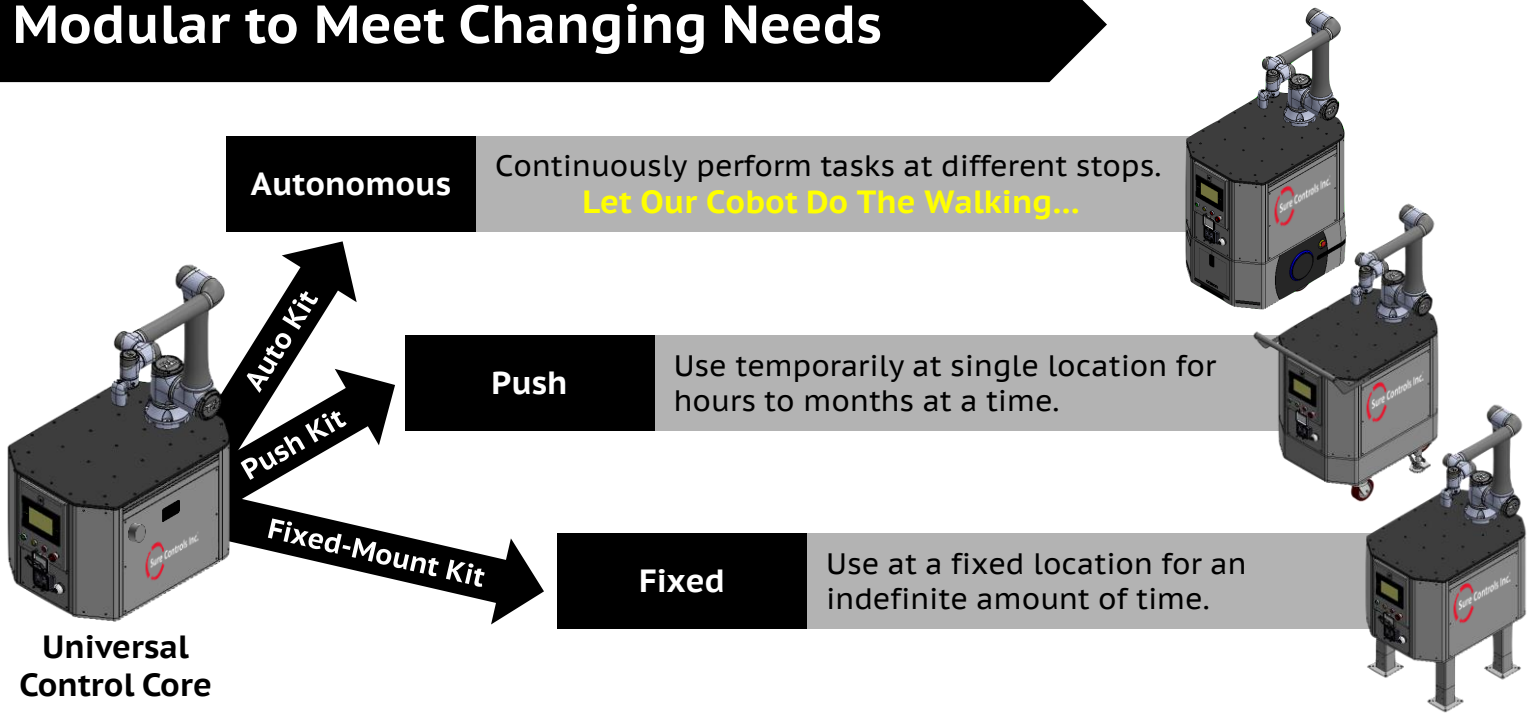
Ready To Go, Fully Integrated Solution

Cobot	Omron TM12M (DC-version) 12kg (26lb) payload; 1,300mm (51") reach Advanced Landmark Feature for Re-Positioning
Mounting	Extrusions for easy customization
Structure	Heavy-gauge welded steel frame & side covers Powder coated for durability
Controls	Omron NX-series PLC & Omron Safety PLC Omron NA5 7" HMI EWON for Remote Support
Safety	Omron LD250 Integrated Lidar system Omron Side Laser Kit & Safety PLC
AMR	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