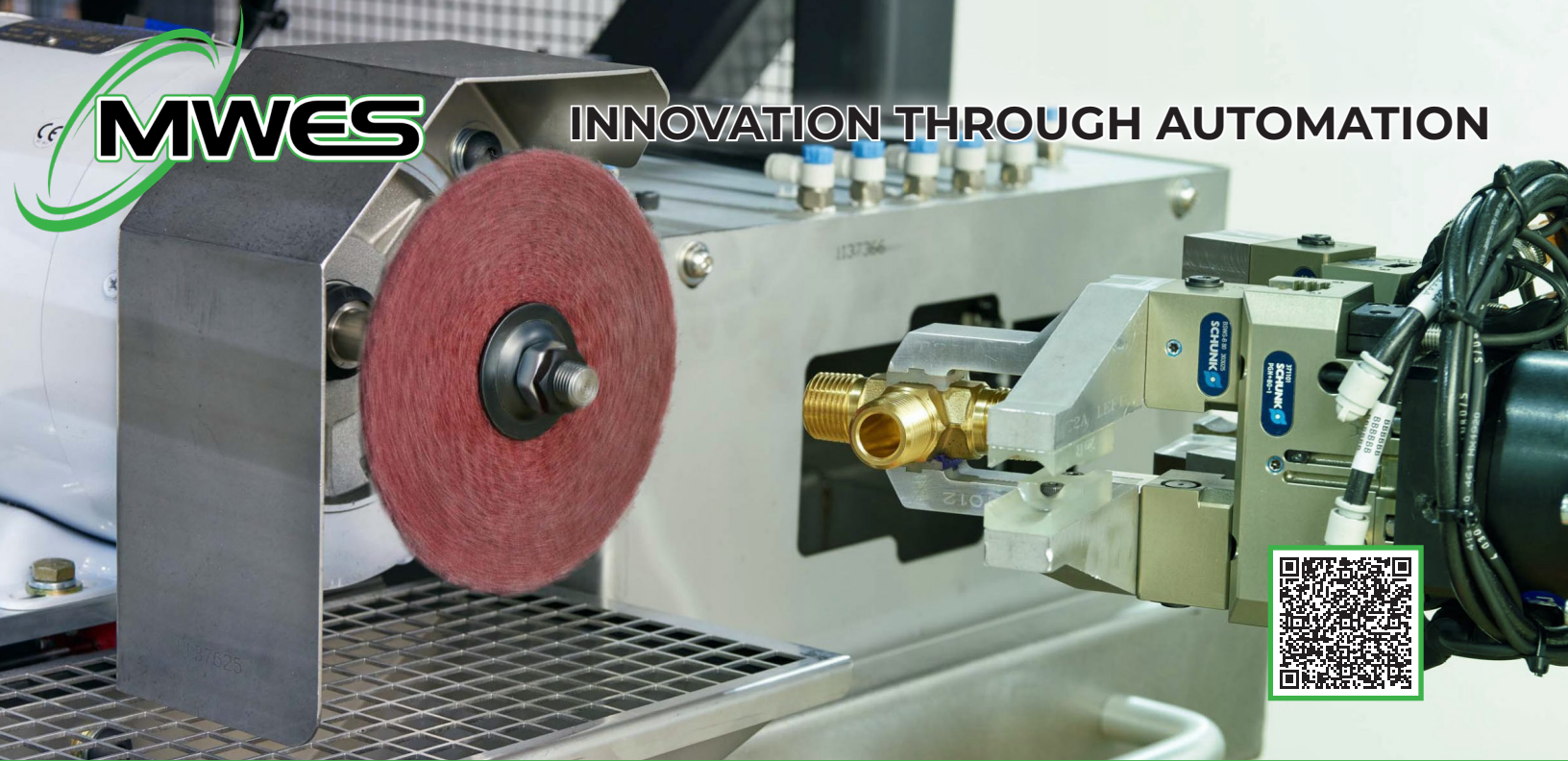


**MWES****INNOVATION THROUGH AUTOMATION**

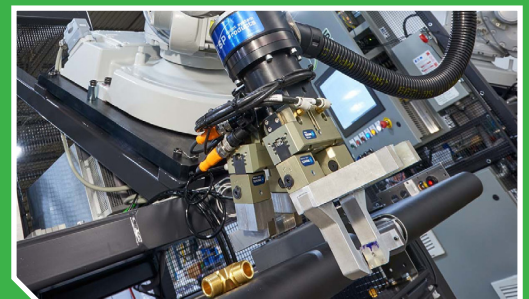
## MWES Standard Machine Tending

MWES takes machine tending to the next level by utilizing advanced technology to reduce labor further and increase flexibility. The MWES standalone, drop-in system is ideal for manufacturing settings that see a high mix of components with varying levels of inter-part commonality. This comes from the system's ability to operate without relying on custom presentation racks and technician-developed programming for every new part style introduced. Removing reliance on both saves costs by reducing the need to purchase expensive fixturing and retaining a dedicated robot programmer to update the system.

The advanced MWES system is designed to bring the true promise of automated machine tending to production facilities, by reducing the need for workers to fill part racks for presentation to the machine. The machine tending cells are also designed to offer value-added operations that can sidestep resetting machines or require operator intervention to do simple, off-machine tasks. These features allow employees to tend to more valuable operations while increasing efficiency.

## FEATURES & OPTIONS

- ABB IRB1600ID Robot with IRC5 Controller
- Pneumatic Dual-Gripper EOAT
- Steel Base with forklift pockets to allow the system to be moved
- Infeed & Outfeed Conveyors
- Machine Vision Camera System
- Motor Driven Softwheel Deburr in Enclosure
- Blow-Off Nozzles



### MIDWEST ENGINEERED SYSTEMS INC.

📍 W238N1800 Rockwood Drive Waukesha, WI 53188

☎ 1.414.327.0000

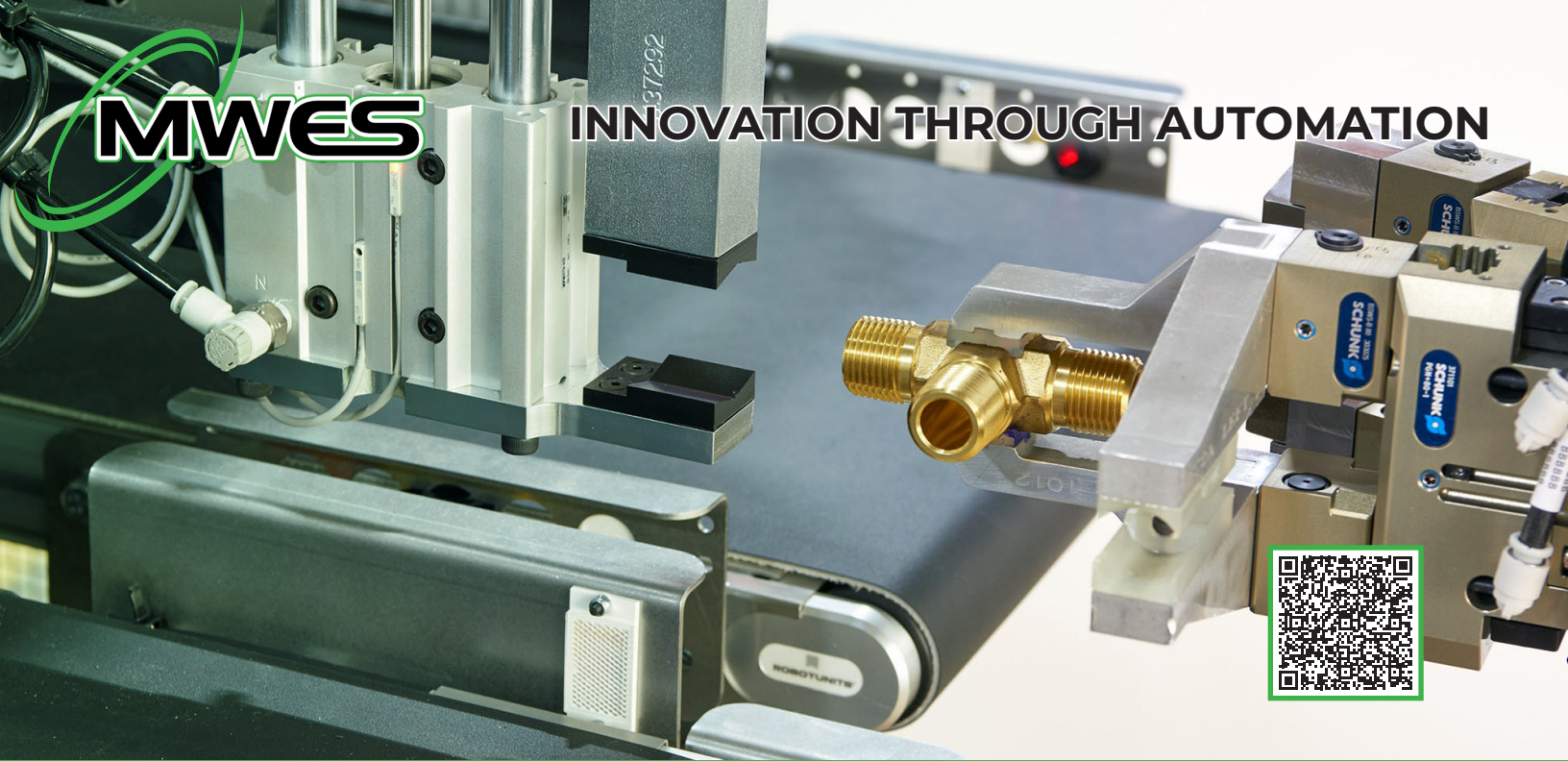
✉ info@mwes.com

🌐 mwes.com





INNOVATION THROUGH AUTOMATION



### SYSTEM BENEFITS

• **Eliminate the need for custom racks and fixtures**

MWES' standalone, drop-in systems operate on machine vision and modifiable programming rather than rigid programming and specialized part fixtures to offer a step-change in machine tending operations.

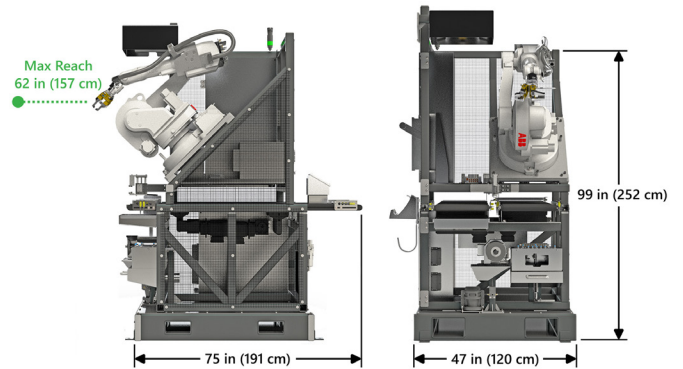
• **Add parts quickly with easily modifiable programming**

Machine programming innovates the process of adding new workpieces to the machine. This can be done directly at the machine itself using its touch screen HMI to facilitate.

• **Integrating extra steps and processes**

Our system goes past merely placing the part in a machine and taking it out again. MWES's machine tending systems can offer interim or finishing steps in the machine tending process to help close the automation loop on more complex machining operations.

### Standard Machine Tending



MIDWEST ENGINEERED SYSTEMS INC.

W238N1800 Rockwood Drive Waukesha, WI 53188

1.414.327.0000

info@mwes.com

mwes.com