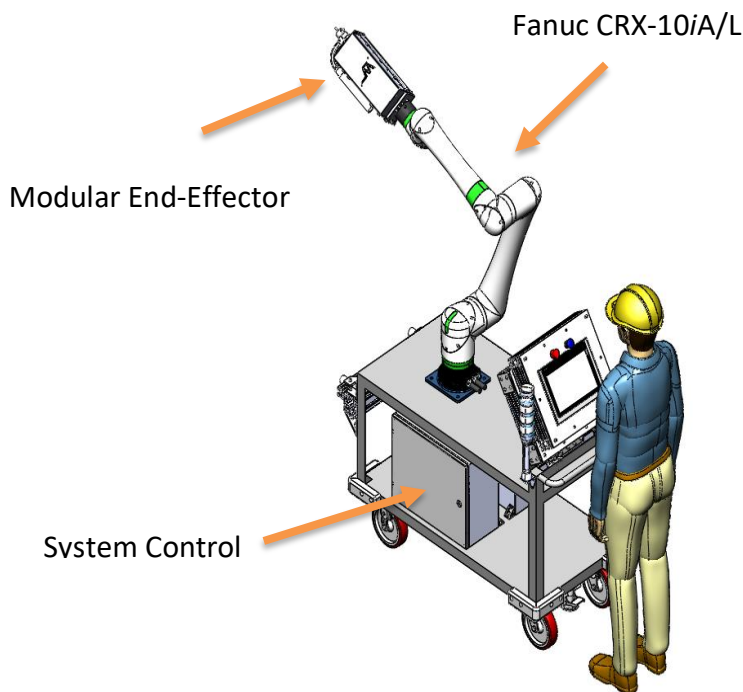


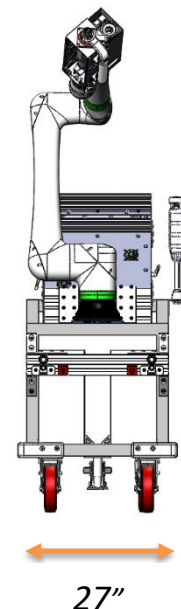
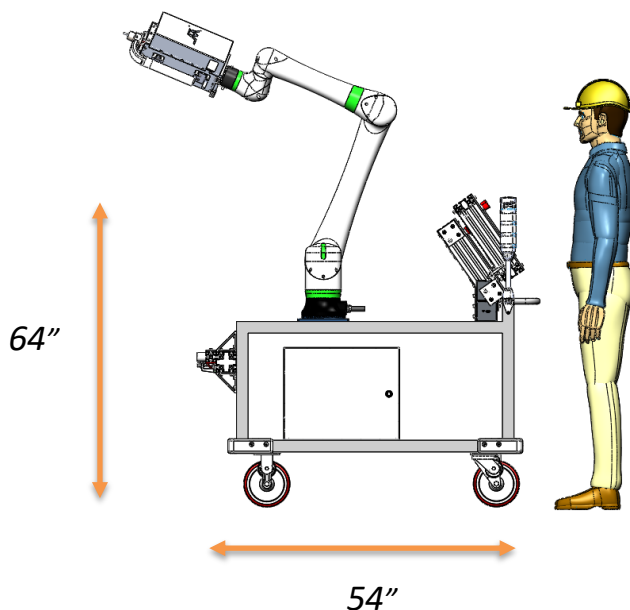
WS1000

The Agile Manufacturing Robot (AMR) is a configurable automated solution that reduces production cost and increases worker productivity by combining robotics, advanced end-effectors, automation, and smart mobile platforms into a powerful manufacturing solution - without disrupting production. Applications utilizing this technology include surface preparation, ice-blast cleaning, and jig-template drilling.



Drilling Capabilities

- Drilling & Countersinking
- 3/4" CF/AL Stacks
- 1" Concentric Collet
- 5/16" Holes



WS1000 AMR Specifications	
<i>Robot</i>	
Model:	Fanuc CRX-10iA/L
Maximum Load Capacity (At Wrist):	22 Lbs.
Reach:	55"
Controlled Axes:	6 Rotating Joints
Repeatability:	0.0015"
Average Power Consumption:	350 – 615 W
<i>Mobility</i>	
Positioning to Fixture:	Mobile Caster Wheels
Lifting and Lowering system:	Manual Stabilizing Feet
<i>Control Systems</i>	
Robot Control Unit:	Fanuc R-30iB Mini Plus
HMI:	Tablet Teach Pendant
<i>Safety Systems</i>	
Safety Scanners:	Collaborative Safety Features
E-Stop Button:	Connected to all robot and mobility systems
Robot Axis Limits:	Programmable
<i>Utility Requirements</i>	
Electrical Requirements:	100-120 VAC
Compressed Air Requirements:	80 PSI / 0.7 SCFM
Data Connection:	Ethernet
Protection Arm / Control Box	IP67 / IP67
Noise Output Level:	<65 dB(A)
<i>Dimensions and Weight</i>	
Dimensions (L x W x H):	54" x 27" x 64"
Weight:	250 lbs.