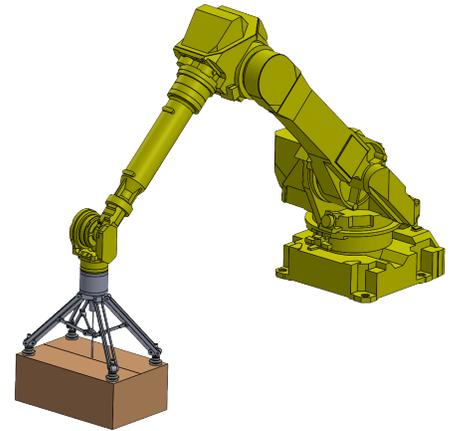


Adaptable Tooling For Packaging & Palletizing



- > Tool does not exceed package profile size
- > Automated changeover
- > Plug and play to your robot
- > Longer lifespan than average tooling



Adaptable Packaging & Palletizing Tool

Product Highlights

Tool Weight	6.8 kg (15 lbs)
Maximum Pay Load	15 kg (33 lbs)
Vacuum Sourcing	Venturi (size & capacity per application)
Air Supply Required	15 SCFM at 80 PSI
Vacuum Pads	4-each 50 mm Bellow Cups (variable per application)
Minimum Arm Reach (Square Package)	120 mm x 120 mm
Maximum Arm Reach (Rectangular Package)	215 mm x 625 mm
Maximum Arm Reach (Square Package)	50 mm x 500 mm
Arm Positioning Sensing	Feedback from Motor Control
Cell/Automation Communication to the Tool, Power	Ethernet IP, 24V <10 amp Typ
HMI	Core software available / HMI optional
Poition Change Time (time taken to adapt to new package)	< 2 seconds
Maximum Number of Changes per Hour	600

Contact AdaptiveTooling@imi-precision.com or your Key Account Manager to discuss customization options.

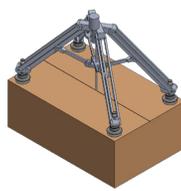
Technical Dimensions



Minimum Arm Reach
(Square)



Medium Arm Reach
(Rectangle)



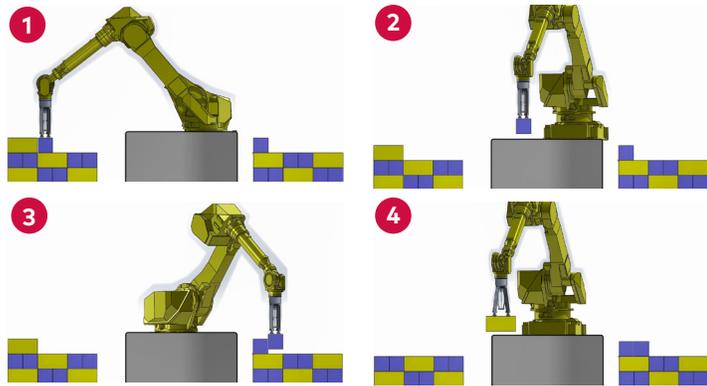
Maximum Arm Reach
(Rectangle)

Technical Dimensions

- > Package Handling
- > Palletizing
- > Bin Picking
- > Assembly
- > Loading and Unloading

All dimensions (in/mm) are for reference only

Adaptable Tool Communication



Key Benefits

- > User friendly
- > Plug & Play
- > Total footprint does not exceed package size

Autonomous Level

- > Pre-programmed
- > Programmable
- > Self-Learning

Smart Features

- > Part presence feedback
- > Condition Monitoring

Control Module

Communication Protocol	Ethernet IP – communicates what job, when to change, tool health
Pre-Programmed	Store up to 10,000 pre-programmed positions
Programmable	User teach mode to add new package sizes
Self Learning	Automatic input from vision system or barcode reader
Power	24VDC <10 amp type
Health Status	Arm position monitoring, Arm status, Vacuum status
HMI (Human Machine Interface)	Starter package for integrators to easily integrate control modules into PC, PLC, or optional additional display Wireless or wired connection
Operating Software	Java

Warning

Improper selection, misuse, age, or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.