

## Ask an Engineer

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## Request a Quote

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## Website

AppliedCobotics.com

PBCLinear.com/Products/  
AppliedCobotics

## Other Helpful Links

ROI Calculator

Applied Cobotics: Advancing  
Automation Solutions

Automated Storage and  
Retrieval System Elevates Cobot  
Productivity

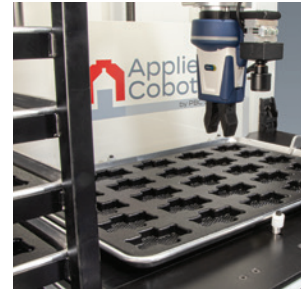
Why You Need the ASRS from  
Applied Cobotics

Automation Tools for  
Successful Manufacturing



Advancing Automation  
and Training Solutions

6402 E Rockton Rd  
Roscoe, Illinois 61073 USA



The Automated Storage and Retrieval System (ASRS) from Applied Cobotics assists collaborative robots and other types of automation robots by consistently loading and unloading material dunnage trays within the cobot/robot-accessible work area. The innovative ASRS can substantially increase robot productivity up to 1600%.

### Features and Benefits

#### Dunnage tray rack tower

- Securely locks in place with ASRS
- Capable of holding up to 17 trays
- Open-spaced shelving accommodates various part sizes up to 18-inches in height
- Station-to-station mobility

#### Standard fixed robot mount

- 45-degrees of adjustability
- Custom bolt pattern compatible with any cobot/robot.
- Upgrade to a more flexible swivel stand that offers 4-times the amount of adjustability

#### Additional Features

- Compatible with pallet jacks
- Easy setup/plug and play solution
- HMI touch screen display for easy lift control

- Compatible with most cobots
- SICK Safety floor scanner (optional)
- Camera and monitor screen for convenient production viewing (optional)

#### Specifications

- Overall dimensions: 55" x 41" x 76"
- Weight: 1200 lb
- Power Required: 220V Single Phase
- Standard aluminum or stainless tray dimensions: 18" x 26"
- Tray Tower capacity: 17 Trays
- Max tray capacity: Base model = 50 lb, Upgraded model = 150 lb

Applied Cobotics offers cobot and gripper options, along with custom design, print, and/or production of dunnage parts trays