

VersaPicker



The VersaPicker is a high speed pick and place robotic solution. It can be configured with an integrated vision system to locate and orient products as well as perform vision inspection for quality control.

The solution can be a single, dual or triple robot based system depending on the throughput requirement. The dual VersaPicker shown above can handle over 200 picks and places per minute while tracking products on an incoming conveyor.

Benefits

- 2 *Speeds over 200 picks/minute*
- 2 *Eliminate labor*
- 2 *Integrated vision system*
- 2 *Proven, reliable Adept platform*
- 2 *Minimal floor space requirement*
- 2 *Low maintenance requirements*
- 2 *Intuitive operator interface*
- 2 *Easy to operate and maintain*
- 2 *Single, dual or triple robots*
- 2 *Easily add new products*



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General Specifications

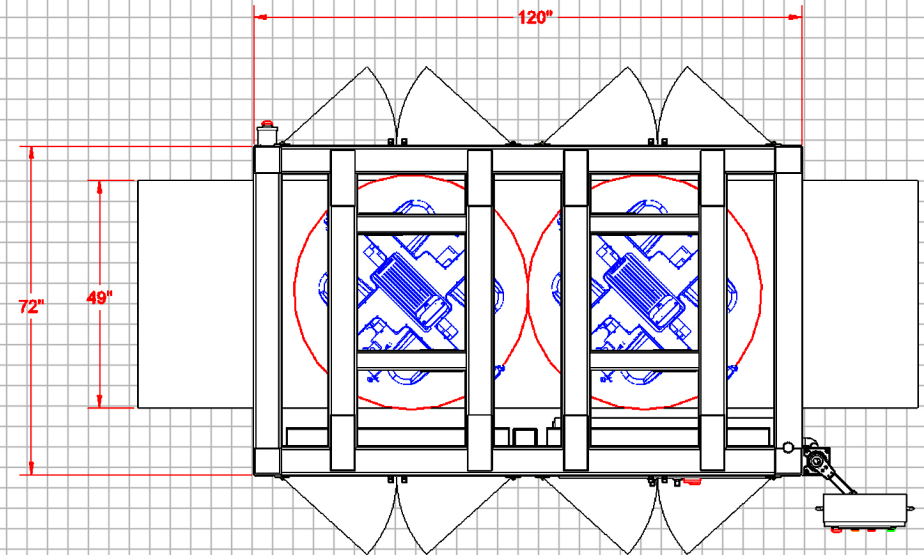
| Model | | Single | Dual |
|---------------------------------|-------------------|--------------------------------------|------|
| Item | | | |
| Robots | | 1 | 2 |
| Payload | | 3 kg | |
| Repetitive Positioning Accuracy | | +/- 0.1mm | |
| Maximum Speed | | 1400 degrees/sec | |
| Motion Range | Horizontal | 800mm | |
| | Vertical | 1300mm | |
| | Head | +/- 360 degrees | |
| | Allowable Inertia | 0.017 kg/m2 | |
| Ambient Conditions | Rating | IP67 | |
| | Humidity | 5 to 90% RH (non condensing) | |
| | Others | Free from corrosive gases or liquids | |
| | | Clean and Dry | |
| | | Free from excessive electrical noise | |
| | | Adequate electrical ground source | |



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Standard Dual VersaPicker



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