PickBot
BIN PICK ROBOTIC SOLUTION with 3-D VISION

Technology to Improve Productivity
Comprehensive Integrated Solution
PickBot is offered as a comprehensive integrated automation solution including: Universal Robot; Solomon AccuPick 3-D Vision Camera; Industrial PC with user-friendly touchscreen interface; Frame assembly with pre-wired controls; and System programming.

PickBot is ready to work on day one.

Specifications
- Image Pixels: 2.3M / 5.0M
- Field of View: Min 7”x10”; Max 40”x 48”
- Scanner Type: Structured LED Light
- Picks per Min: 20 per min (typical)
- Payload: 10 kg / 22 lb
- Reach: 1300 mm / 51.2 in

Accurate...Fast...Smart
Object recognition and location is established in 1 second; providing very fast cycle times. The PickBot can pick different objects placed together in a random orientation. Smart software includes 3-D dimensioning, quality detection, and robot motion path control.

Certified System Integrator
Chicago Electric is a Universal Robots Certified System Integrator and a select distributor for Solomon AccuPick 3-D vision technology. We are uniquely qualified to provide PickBot as a comprehensive ‘Ready to Work’ robotic solution.

Learn more at PICKBOT.CHICAGOELECTRIC.COM
PickBot features **AccuPick 3-D vision technology** from Solomon, a Certified Plus Partner.

Solomon AccuPick is a 3-D vision system that enables fast, intelligent and accurate 3-D picking for all types of applications, including random bin picking. Training the system to recognize complex-shaped objects is fast and easy using state-of-the-art deep learning technologies. The deep learning module also enables 3-D recognition of objects traditionally not possible using CAD matching method.

**Applications**

- 3-D pick-and-sort for food packaging or E-commerce
- Machine tending
- Palletization and depalletization
- Kitting and assembly
PickBot

— Available for all models of Universal Robots
— Pre-engineered standardized design for quick shipment
— Includes remote communication capability for programming support

<table>
<thead>
<tr>
<th></th>
<th>UR 3 ROBOT</th>
<th>UR 5 ROBOT</th>
<th>UR 10 ROBOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payload</td>
<td>3 kg / 6.6 lbs.</td>
<td>5 kg / 11 lbs.</td>
<td>10 kg / 22 lbs.</td>
</tr>
<tr>
<td>Reach</td>
<td>500 mm / 19.7 ins.</td>
<td>850 mm / 33.5 ins.</td>
<td>1300 mm / 51.2 ins.</td>
</tr>
</tbody>
</table>

Chicago Electric, founded in 1910, is a leader in the application of technology for industry. Still family owned, we are proud of our long heritage of quality workmanship and outstanding customer service.