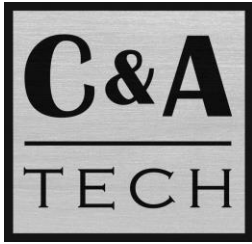


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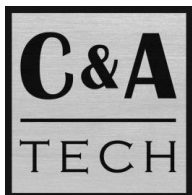
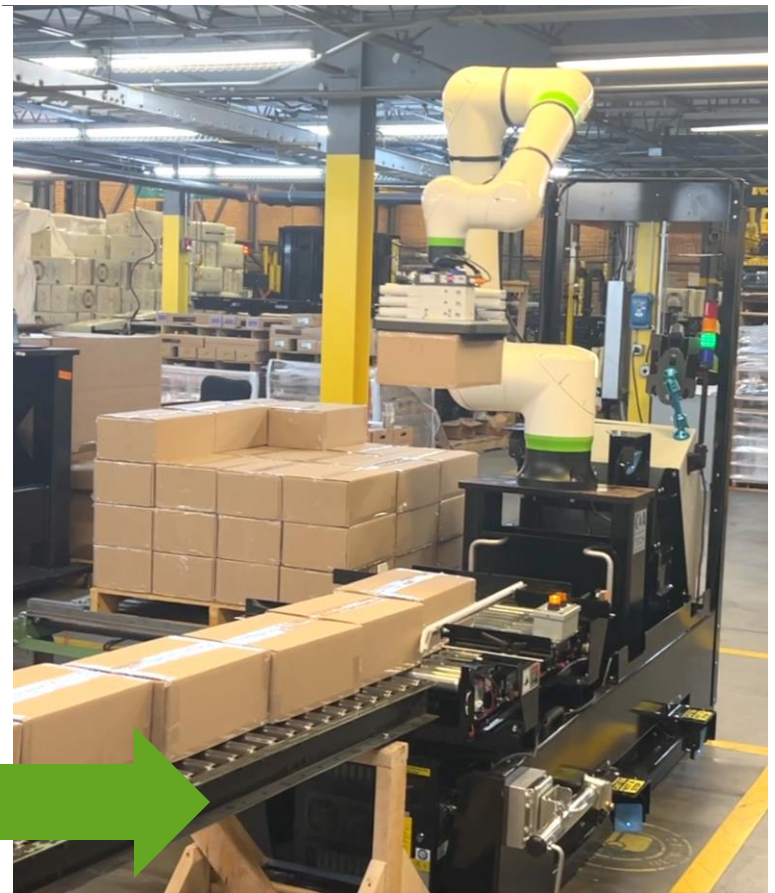
COLLABORATIVE ROBOT (COBOT) SOLUTIONS



Conveyor and Automation Technologies (CAT) is proud to offer modular and custom cobot solutions—designed to enhance productivity, streamline operations, and work safely alongside operators. Our cobot solutions integrate seamlessly into manufacturing, packaging, and logistics environments, improving efficiency while reducing operational costs. Whatever your requirements, let our team of experts take your idea....

FROM CONCEPT....

.... TO REALITY



CONVEYOR & AUTOMATION TECHNOLOGIES, INC.

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Why Choose a C&A Cobot Solution?

C&A Tech employs Best In Class Fanuc CRX Series Cobot

Seamless and Safe Human Robot Collaboration



- Fanuc cobots are specifically designed to work with & around humans.
- They are equipped with force sensors that detect collisions and automatically stop or slow-down if triggered.
- Unlike other robots, cobots are designed with smooth edges and lightweight materials to minimize harm in case of contact.
- Regulations do not require fences, which allows for easier tending to the system without the need to shut down a cell.

Easy Programming and Integration

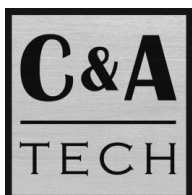
- Fanuc's new touchscreen teach pendant utilizes a No-Code/Low Code interface, employing intuitive, drag and drop programming and human guided positioning that require minimal experience and training.
- There are built-in templates for common applications like pick-and-place and palletizing.
- Fanuc's CRX series can operate from a standard 120V power outlet.



Versatility and Flexibility

- Cobots can be used in a variety of applications including palletizing/depalletizing, packing, pick-and-place, assembly/disassembly, sorting, and quality control to name a few.
- Their small footprint and plug and play set-up mean they can be integrated into a portable system for easy relocation between workstations.
- Fanuc's line of CRX robots can handle payloads up to 30kg and reach up to 1889mm

Robot Model	Payload	Reach	Collaborative Mode	High Speed Mode
CRX-5iA	5 kg	994 mm	1000 mm/sec	2000 mm/sec
CRX-10iA	10 kg	1249 mm	1000 mm/sec	2000 mm/sec
CRX-10iA/L	10 kg	1418 mm	1000 mm/sec	2000 mm/sec
CRX-20iA/L	20 kg	1418 mm	1000 mm/sec	1000 mm/sec
CRX-25iA	25 kg	1889 mm	1000 mm/sec	2000 mm/sec
CRX-30iA	30 kg	1756 mm	1000 mm/sec	2000 mm/sec



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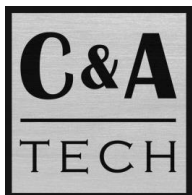
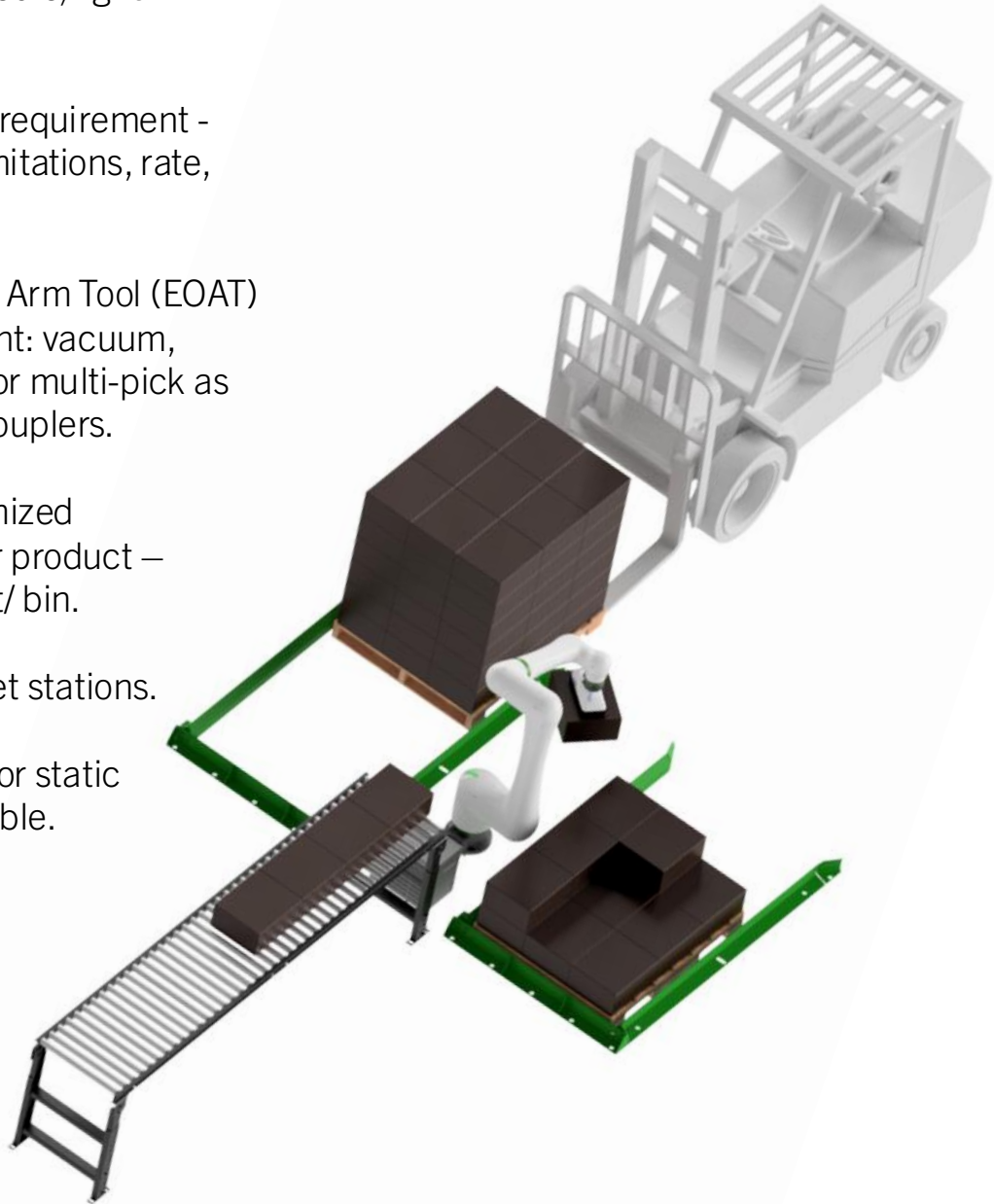
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Why Choose a C&A Cobot Solution?

Using Fanuc's platform, we develop your custom solution

- Enhanced safety features – Using various motion sensors, light curtains, radar.
- Customized layout requirement - based on space limitations, rate, budget.
- Selection of End Of Arm Tool (EOAT) - Product dependent: vacuum, clamp, single pick or multi-pick as well as multi-tool couplers.
- Standard or customized conveyance of your product – Powered roller/ belt/ bin.
- Single or multi pallet stations.
- Options for mobile or static solutions are available.



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