



mGripAI™

Solving Labor Challenges— One Pick at a Time.

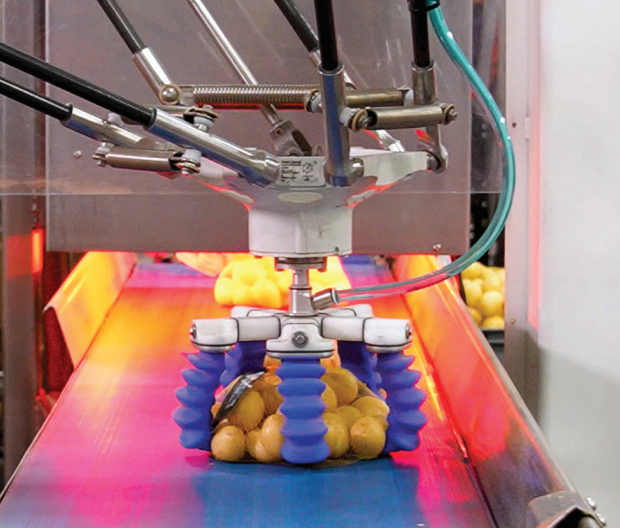


High-Speed Picking Combining 3D Vision,
Artificial Intelligence, and Soft Grasping

The logo for mGripAI, featuring the brand name in a white, sans-serif font against a blue background with a subtle grid pattern.


mGripAI™

Hand-Eye Coordination for Industrial Robots

A close-up of the mGripAI robotic gripper, which has two blue, soft, finger-like components, holding several yellow lemons on a conveyor belt.

As the only high-speed automation solution for primary and secondary food products, mGripAI is proven to pick, place, and sort delicate, variable, and bulk food products in the produce, protein, baked goods, and consumer packaged goods industries.

*Let's begin your
automation journey.*

A detailed view of the mGripAI gripper picking up a single ear of yellow corn from a blue conveyor belt.

A safe and reliable automation solution that frees food processors from their primary challenge—a scarce and expensive labor force.

A close-up of the mGripAI gripper holding a mix of red, yellow, and green bell peppers.

Benefits:

- Deliver greater throughput—robots pick at >90 ppm (application dependent)
- IP69K food-grade materials for easy clean-in-place operations
- Increase operational efficiencies
- Reduce automation system footprint
- Pick delicate and variable products directly from bulk
- Reduce product damage with soft gripping
- Automate primary and secondary food processing applications
- Lower operational costs
- Easy integration with all industrial robots

EYES

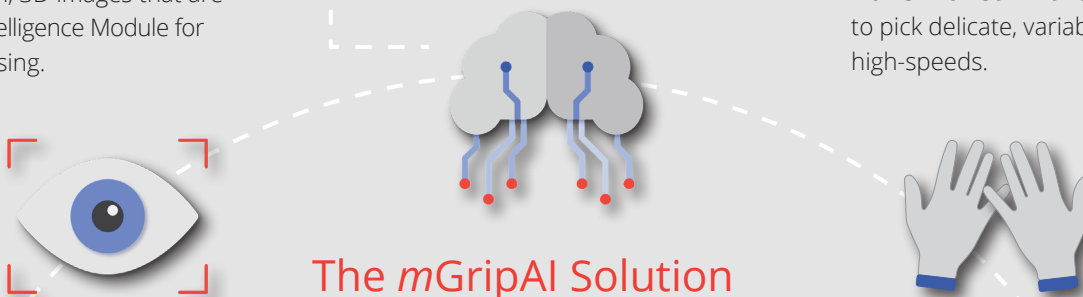
The *mGripAI* Perception Module is the **Eyes** of the solution. It captures high-resolution, 3D images that are sent to the Intelligence Module for further processing.

BRAIN

The *mGripAI* Intelligence Module is the **Brain** behind *mGripAI*. The Intelligence Module translates images into action for the robotic arm and gripper.

HANDS

Specialized *mGrip* soft grippers are the **Hands** of the solution. *mGrip* works in unison with the robot arm to pick delicate, variable product at high-speeds.



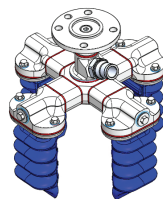
mGripAI Hardware Components



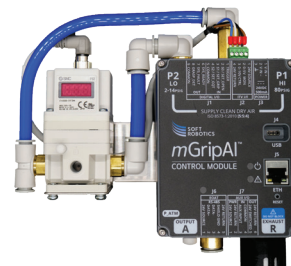
Intelligence Model



Perception Model



mGrip Soft Gripper



Control Unit

Food Safety:

mGripAI is designed to be used in the most high-sanitary environments:

- Made with food-safe materials
- Ingress Protection: IP69K rated
- Designed for cleanability
- Compliant with EC1935 standards for food contact in the European Union
- Adheres to the FDA CFR Title 21 regulations for food contact

