

3D Vision, *High-Speed*, **Bulk-Picking Automation Solutions for Baked Goods**



Why *m*GripAl

- Increase production reliability minimize your dependence on human labor
- Deliver greater throughput robots pick at >90 ppm
- Produce safer product—IP69K rating and food-grade materials
- 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

mGripAl Hand-Eye Coordination for Industrial Robots



.mGripAl.

PERCEPTION MODULE



Intelligence Module Brain of the Solution



mGrip[™] Soft Gripper Hands of the Solution



As the only high-speed automation solution for food products, *m*GripAl is proven to pick, place, and sort delicate, variable and bulk food products in the baked goods, prepared foods, produce and protein industries.

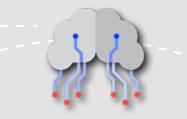
Fast. Reliable. Proven.

EYES

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



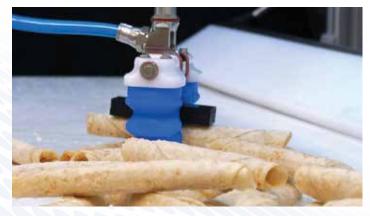
The *m*GripAl Solution

HANDS

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



APPLICATIONS



Touching/Overlapping/Piled on a Conveyor



3D Bin Picking



