MONTE®

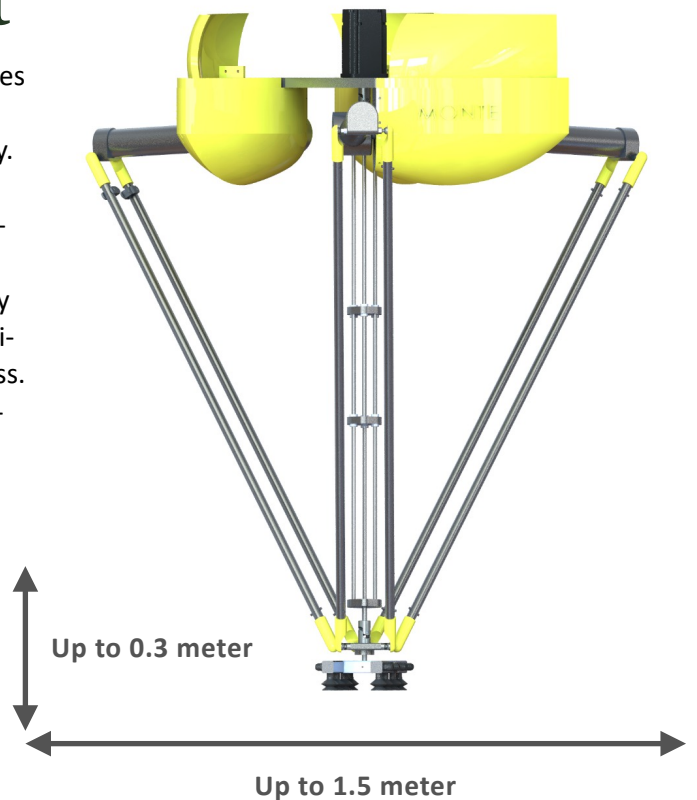## Robotics Solutions

Fast and Standardized Manufacturing

MONTE®, R-Fleks® and Dart®

Monte® is a delta type robotic system that can improve repeating processes such as pick&place, glueing, spraying, etc. It is fast and meticulous. Its paralel structure provides perfect performance to complete tasks instantly. Numerous applications are possible by tool change. System has R-Fleks® technology to provide work opportunity with more than one robot cooperatively. Monte® must be equipped with Dart® if active object detection is needed. Dart® is a machine vision system that makes it possible to identify objects for detecting and processing them instantly. Dart®'s artificial intelligent algorithm can detect targeted objects by 99 percent detection success. Except traditional machine vision systems, Dart® uses sliced infrared scanner technology to detect targets in depth.

Typical Applications:

Up to 0.3 meter

Up to 1.5 meter

MONTE ®

- 1500 mm Planary Reach Diameter
- 300 mm Depth Reach
- 0.1 mm Repeatability
- Trajectory Planning Wizard for Pick&Place Applications
- Advanced G-Code Programming
- Easy Custom Tool Development

R-Fleks ®

- Cloosed Loop Real Time Motion Controller
- Up to 6 Axis 10 Robots Cooperations
- Conveyor Sync Module

Dart ®

- 300 x 300 mm Planary Detection
- 200 mm Depth Detection
- Easy Object Recognition Wizard

Control Panel

Technical Specifications

- Dimentions (cm): 130 x 130 x 140
- Supply Voltage: 220V AC
- Power: 4 kVA
- Weight: Robot 60 kg, Control Panel 150kg
- Package Weight: 250 kg
- Package Dimentions: 180 x 130 x 80