

PACKAGING AUTOMATION

STXiMotion

Compact robotics and multi - axis motion enables end - of-line packaging innovation

The softMC compact robot and motion controller delivers Industry 4.0 machine-to-machine communication and adds multi-axis motion control or robotic capabilities to any packaging system with no change in the control structure or PLC.

Flexible motion control

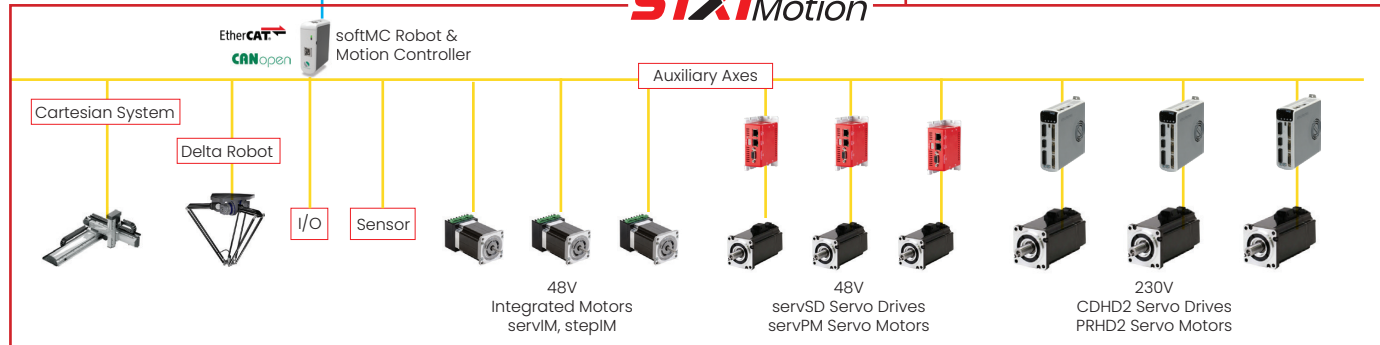
The softMC compact motion controller enables the design and integration of robotics capabilities and additional motion axes.



Key benefits

- **Modular, add-on** solution for single and multi-axis motion control
- **Plug-and-play** integration with Rockwell Automation control architecture or PLCs
- **Complete motion systems** with drive-motor bundles or electromechanical modules
- **Support** of any type of washdown, food-grade, stainless steel, linear or direct motor and drives

STXiMotion



Add functionality and modularity with seamless control of all system axes

The softMC lets packaging machine-builders interface with Rockwell Automation PLCs and EtherNet/IP networks to add multi-axis motion control to any existing system. Seamlessly control any motion control component, including robots, drives, and motors to add functionality and modularity to packaging systems.

Wide range of supported configurations

The complete motion package by STXI includes compact 230V and 48V servo drives and motors, as well as integrated motors, providing a plug-and-play robotics solution with your existing system and interface - making ideal for end-of-line packaging innovation.

MOTOR TYPES SUPPORTED:

- Brushless servo motors
- Brushless permanent magnet motors
- Direct drive linear permanent motors
- Direct drive (torque) motors
- DC brush motors
- Integrated motors
- Voice coil motors
- Low-voltage motors

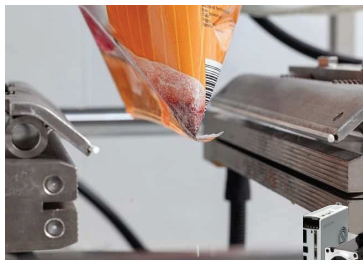
ROBOT TYPES SUPPORTED:

- Puma
- Cartesian
- Delta
- 4-bar arm
- SCARA
- Custom configuration
- Gantry

FEEDBACK DEVICES SUPPORTED:

- Digital incremental (AqB) encoders
- Hall sensors
- Analog (sine/cos) encoders
- Serial communication encoders
- Resolvers

Application examples



Vertical Form Fill Seal

softMC controller enables seamless add-on of adjustment axes. The existing solution can drive three or four more axes, including an additional delta robot.



Food Packaging & Wrapping

Modular and flexible control of virtually any type of washdown, food-grad, stainless steel, linear or direct motor and drives.



Packaging & Labeling

Integrated motors that achieve an outstanding accuracy and speed combination with a customized on-the-fly labeling function.



**WATCH
LIVE
DEMO**