

Open Motion Controller with NC/Robot Technology

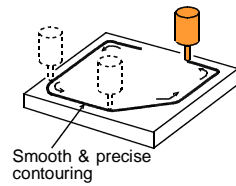
TECHNO OPEN-Motion Controller (Open-MC) has NC technology and Rich Motion Functions. Implementation of Open-MC is very easy, and NC/Robot Technology provides higher productivity at any multi axes machines.

■ NC/Robot Control

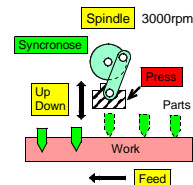
- **Accurate Contouring**
Perform precise and high-level motion beyond the simple positioning
- **High Speed Multi Axes Synchronization**
Provide remarkable quality and productivity at any multi axes machines
- **Rich Motion Functions**
 - ◆ High Level Servo Technology for a multi axes machine like a NC/Robot
 - ◆ Rich Option Functions for various precise machines and special motions:

direct NC, macro, multitask, automatic corner override, S-curve acceleration /deceleration
manual pulse generator, spindle control, parallel axes, synchronization control, electric cam, torque-control
lathe, thread-cutting, position sensing, rigid tapping, tangent-control

■ Accurate Contouring



■ High Speed Multi Axes Synchronization



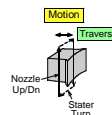
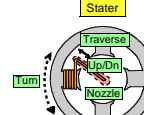
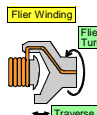
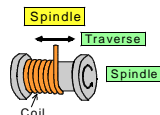
■ Achievements

NC/Robot Controllers has been introduced at the following industries: photovoltaic, Flat-panel-display, Semiconductors, mounter, ELID, transfer, molding, precision, grinder, lathe, cutting, dispenser, robot, or 3D-digitizer.

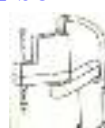
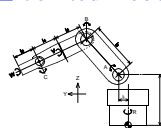
- **Precise Cutting**
- **5-axes CAM**
- **DNC**
- **Precision Cutting**
- **Laser Cutting**



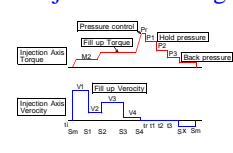
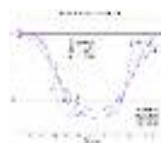
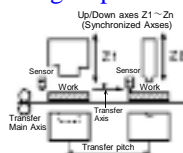
- **Winding**
- **Spindle Winding**
- **Flyer Winding**
- **Nozzle Winding**



- **Robot**
- **Bending Robot**
- **Jointed Robot**
- **SCARA Robot**
- **Parallel Mechanism**



- **Electric Cam**
- **High Speed Press**
- **Motion Pattern for Servo Press**
- **Injection Molding**



■ Standard Package and Easy Implement

Open-MC Standard Package has rich motion functions for each application. By introduction of Standard Package, a machine driven by a servo motor will perform higher productivity on the day.

- **Precise Cutting Pack.** Cutting, Winding, Precise grinder, and Laser application
- **Winding Pack.** Precise Winding (spindle/flyer/ nozzle)
- **Robot Pack.** Cartesian machine, SCARA, and XYθ-parallel mechanism
- **Electric Cam Pack.** Servo Press, Assembly machine, and Transfer machine
- **General Purpose Pack.** select suitable operations from rich motion functions