Easy to implement NC Technology for any machine

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

- **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
    - CNC
    - 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.
  - Winding Pack.
  - Robot Pack.
  - Electric Cam Pack.
  - General Purpose Pack.

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