**Standard Specifications**

- **Model:** EMX
- **Latching type:** Single
- **Cylinder:** External cooling cylinder
- **Clamping force:** 500 kN
- **Machine type:** 3-axis
- **Operating point:** Right
- **Indexing type:** 3-position
- **Electric system:** 208/240 V, 3-phase, 50/60 Hz
- **Power consumption:** 30 kW
- **Dimensions:** Width 1200 mm, Depth 1450 mm, Height 1800 mm
- **Weight:** 1500 kg

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**Optional Specifications**

- **Electric system:** 480 V, 3-phase, 50/60 Hz
- **Power consumption:** 35 kW
- **Dimensions:** Width 1200 mm, Depth 1450 mm, Height 1800 mm
- **Weight:** 1600 kg

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### Specification Table

<table>
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</tr>
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</table>
The Standard for a New Generation

Meeting the Needs of a New Generation and Shaping the Future

High-Speed, High-Precision, Small Footprint

Two-Platen Clamping Mechanism

- Featuring a direct-actuation clamping mechanism, the machine’s design enables fast mold-opening and closing.

- The clamping system allows for fast mold-opening and clamping, reducing cycle time by 10%.

- The design of the clamping system enables high-precision, high-speed mold operation.

- The two-platen clamping system allows for high-speed mold opening and closing.

High-Energy Savings and Reduced CO₂ Emissions

Eco-Servo Pump System

- Built-in servo-pump system uses a combination of AC and DC power.

- Design to achieve energy savings for each set of operating conditions through energy-savings and dynamically adaptive pump control.

- The pump system can be stopped when idling operations are not required.

Power Recycling System

- The motor operates as a generator during deceleration (slowing), sending power back to the power source.

- Power usage is reduced.

Ideal for Thin-Wall Molding

Direct Drive Injection Mechanism

- Overdrive mechanism uses a high-speed AC motor to provide power to the screw.

- High-speed screw ensures fast mold filling and cooling.

Lower Material Costs

- Our original screw is designed to provide optimal mold filling and cooling performance.

- Super mixing screw offers even better mixing performance.

Easy Operation

New MAC-VII Control Unit

- Easy input for setup data.

- Full range of features to support molding and maintenance functions.

- Direct touch screen operation does not require any user manipulation.

- Control system automatically performs basic maintenance and control functions, allowing easy switching to other main lines.