eMW 800II

MORITECH®

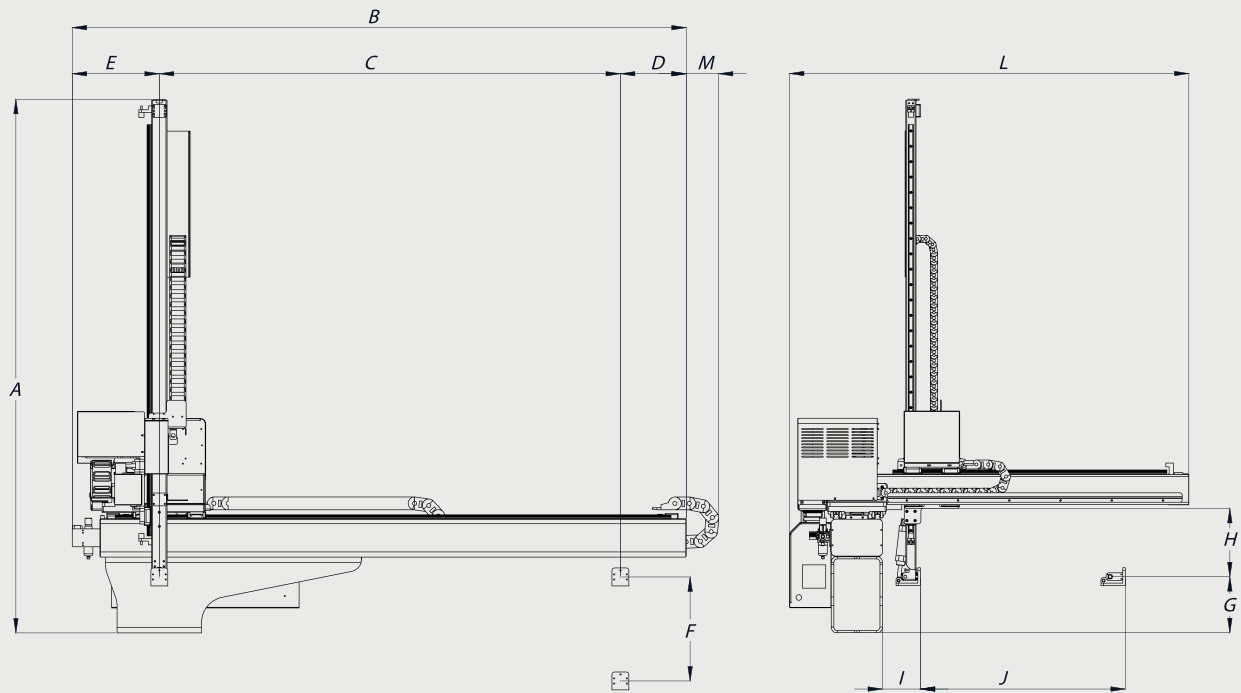Easy Position (Location) Teaching

Compact Design

▶ FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Lineer Position Repeatibility (mm)	C Axis Posture ⬊ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
eMW800	800	450	1200	50 - 150	AC Servo Motor	±0.1	3 (*1)	25	260

(*1) Weight of Robotic Hand is Included.

▶ DIMENSIONS (mm)

A	Height	1685	**G**	Vertical Wait	215
B	Length	1800	**H**	Gripper Assembly Position under Crosswise Axis	265
C	Traverse Axis Stroke	1200	**I**	Minimum Crosswise Wait	150
D	Traverse Axis Stroke Excluded Distance (Product Place Region)	260	**J**	Maximum Crosswise Stroke	450
E	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	340	**I+J**	Maximum Crosswise Reach	600
F	Vertical Axis Stroke	800	**L**	Width	1210
M	Traverse Axis Cable Carrier Overflow	130			

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (Nl/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.3	4 - 6 (*2)	2.5

(*2) Need for Pressurized Air Purified (Dried) from Oil and Humidity Exists.

▶ GENERAL FEATURES

- Vacuum Line
- Blow Line
- Sprue Gripper Line
- Product Pickup from Fixed and Moving Platens
- Selection of Operator / Non-operator Working Direction
- Vacuum Level Adjustment on the Control Panel
- Product Sorting and Stacking
- Product Sorting in Matrix Form
- Soft Sorting / Separation

- Y Axis Free
- Eco Mode (Automatic Energy Saving Cycle Feature)
- Product Extraction from Core in the Mold
- Sprue Separation
- Sample Separation
- Crosswise J (Pass) Motion
- Defective Product Separation (Machine Feature Compatibility Support)
- Message Support on the Control Panel
- IMM Door Open Permission during Pause

- Pause during Operation
- C Axis Rotation Control
- 90⁰ Soft Stop
- Connection Adapter between Robot and Injection Machine
- Mode Operation Function Control
- Extra Mold Safety Sensor (Optional)
- Overload Protection
- Conveyor Control

- Multi Language Support
- Operation Record Feature
- Alarm Record Feature
- USB Memory Connection
- Memory of upto 50 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Economic Vacuum Feature (Optional)