



Telescopic  
Vertical  
Axis



Vertical Axis  
Balance  
Cylinder



Manual  
Central  
Lubrication



Easy Position  
(Location)  
Teaching



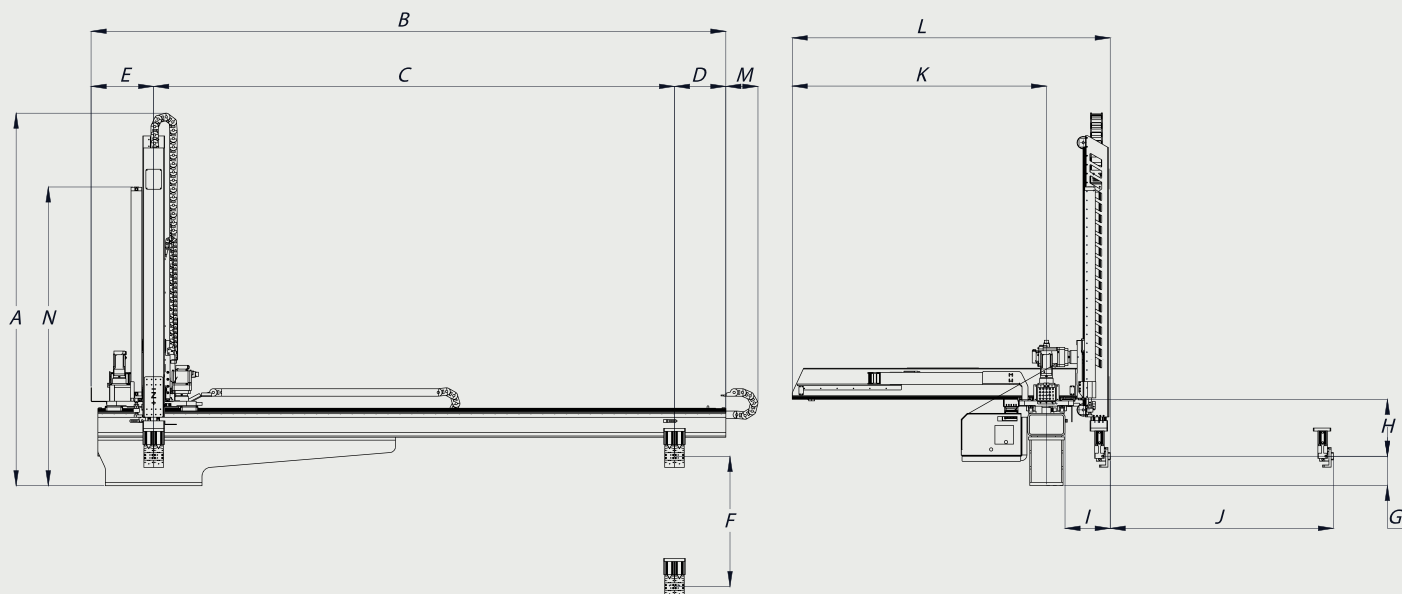
Fast  
Cycle

## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Lineer Position Repeatability (mm)	C Axis Posture ↘ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MW2500II	2500	1500	3500 [4500]	1000 - 2800	AC Servo Motor	±0.1	35 (*1)	65	795 [846]

(\*1) Weight of Robotic Hand is Included.

([]) Optional Dimensions.



## DIMENSIONS (mm)

<b>A</b>	Height	<b>2450</b>
<b>B</b>	Length	<b>4265 - [5265]</b>
<b>C</b>	Traverse Axis Stroke	<b>3500 - [4500]</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>345</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>420</b>
<b>F</b>	Vertical Axis Stroke	<b>2500</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>215</b>
<b>N</b>	Balance Cylinder Height	<b>2007</b>

<b>G</b>	Vertical Wait	<b>195</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>383</b>
<b>I</b>	Minimum Crosswise Wait	<b>303</b>
<b>J</b>	Maximum Crosswise Stroke	<b>1500</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1803</b>
<b>L</b>	Width	<b>2140</b>
<b>K</b>	Crosswise Start Distance	<b>1708</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	3.3	(*2) 4 - 6	26.0

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

([]) Optional Dimensions.

## 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
- 90° 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 999 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Economic Vacuum Feature (Optional)