

**MORITECH<sup>®</sup>**



**HIGH SPEED**  
**PERFORMANCE**  
[www.moritechrobot.com](http://www.moritechrobot.com)

# About Us

While contributing to the sector by production of robots and robotic accessories towards plastics industry, **Moritech Robot** also carries on distributorship of international robot brands successfully.

**Moritech Robot**, by considering its customers as business partners, offers production solutions on the project basis in order to advance their production potential in the most effective manner possible with the help of high technology .

**MORITECH**<sup>®</sup>

**MW SERIES  
ROBOTS**

MW 800II	03 - 04
MW 1000II	05 - 06
MW 1200II	07 - 08
MW 1400II	09 - 10
MW 1800II	11 - 12
MW 2500II	13 - 14

**MWH SERIES  
ROBOTS**

MWH 1800II	15 - 16
MWH 2500II	17 - 18
MWH 3000II	19 - 20

**SCH SERIES  
ROBOTS**

SCH 1200II	21 - 22
SCH 1600II	23 - 24

**eMW SERIES  
ROBOTS**

eMW 800	25 - 26
eMW 1000	27 - 28
eMW 1200	29 - 30

**SPRUE PICKER  
ROBOT**

MPR 650	31 - 32
---------	---------

**SIDE - ENTRY  
ROBOTS**

SIDE - ENTRY ROBOTS	33 - 34
---------------------	---------

**AUTOMATION  
SOLUTIONS**

AUTOMATION SOLUTIONS	35
----------------------	----





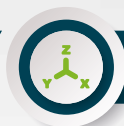
Telescopic Vertical Axis



Vertical Axis Balance Cylinder



Manual Central Lubrication



Easy Position (Location) Teaching



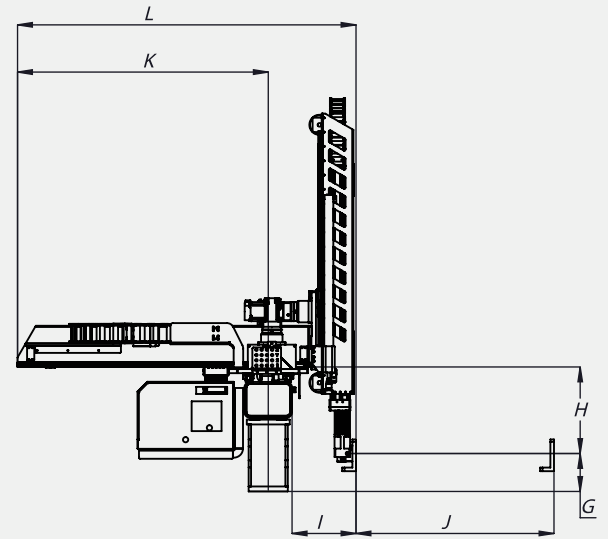
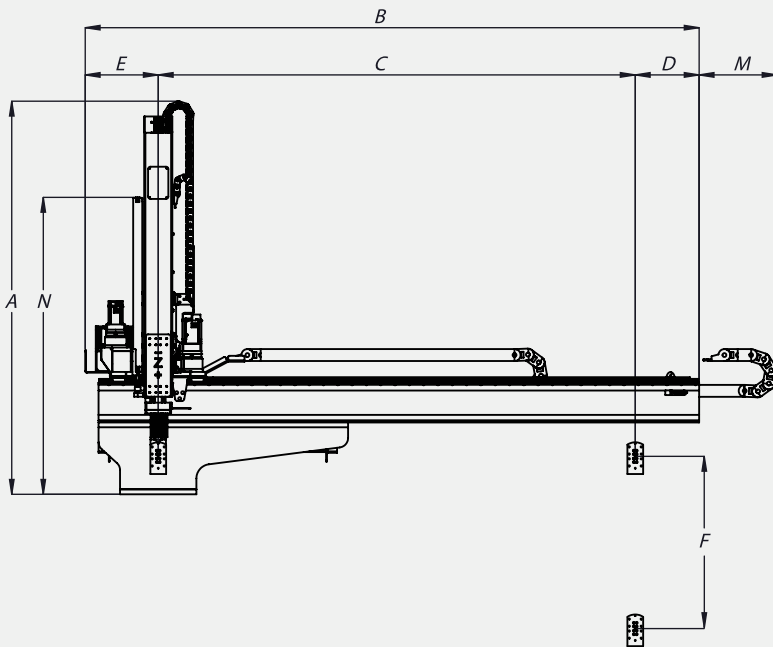
Fast Cycle

## ► 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
MW800II	800	440	1500	90 - 200	AC Servo Motor	±0.1	(*) 5	25	305

(\*) Weight of Robotic Hand is Included.





## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1484</b>
<b>B</b>	Length	<b>2056</b>
<b>C</b>	Traverse Axis Stroke	<b>1500</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>250</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>306</b>
<b>F</b>	Vertical Axis Stroke	<b>800</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>300</b>
<b>N</b>	Balance Cylinder Height	<b>1045</b>

<b>G</b>	Vertical Wait	<b>159</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>363</b>
<b>I</b>	Minimum Crosswise Wait	<b>268</b>
<b>J</b>	Maximum Crosswise Stroke	<b>440</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>708</b>
<b>L</b>	Width	<b>1024</b>
<b>K</b>	Crosswise Start Distance	<b>657</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.9	(*2) 4 - 6	3.5

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

## ► GENERAL FEATURES

<ul style="list-style-type: none"> <li>• Vacuum Line</li> <li>• Blow Line</li> <li>• Sprue Gripper Line</li> <li>• Product Pickup from Fixed and Moving Platens</li> <li>• Selection of Operator / Non-operator Working Direction</li> <li>• Vacuum Level Adjustment on the Control Panel</li> <li>• Product Sorting and Stacking</li> <li>• Product Sorting in Matrix Form</li> <li>• Soft Sorting / Separation</li> </ul>	<ul style="list-style-type: none"> <li>• Y Axis Free</li> <li>• Eco Mode (Automatic Energy Saving Cycle Feature)</li> <li>• Product Extraction from Core in the Mold</li> <li>• Sprue Separation</li> <li>• Sample Separation</li> <li>• Crosswise J (Pass) Motion</li> <li>• Defective Product Separation (Machine Feature Compatibility Support)</li> <li>• Message Support on the Control Panel</li> <li>• IMM Door Open Permission during Pause</li> </ul>	<ul style="list-style-type: none"> <li>• Pause during Operation</li> <li>• C Axis Rotation Control</li> <li>• 90° Soft Stop</li> <li>• Connection Adapter between Robot and Injection Machine</li> <li>• Mode Operation Function Control</li> <li>• Extra Mold Safety Sensor (Optional)</li> <li>• Overload Protection</li> <li>• Conveyor Control</li> </ul>	<ul style="list-style-type: none"> <li>• Multi Language Support</li> <li>• Operation Record Feature</li> <li>• Alarm Record Feature</li> <li>• USB Memory Connection</li> <li>• Memory of upto 999 Molds</li> <li>• Ejector Control</li> <li>• Euromap 12/67 Robot Interface</li> <li>• Economic Vacuum Feature (Optional)</li> </ul>
---	--	---	---



- 

Telescopic Vertical Axis
- 

Vertical Axis Balance Cylinder
- 

Manual Central Lubrication
- 

Easy Position (Location) Teaching
- 

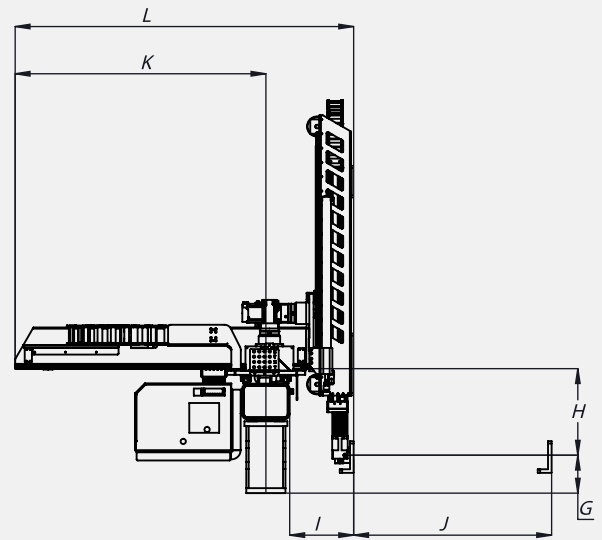
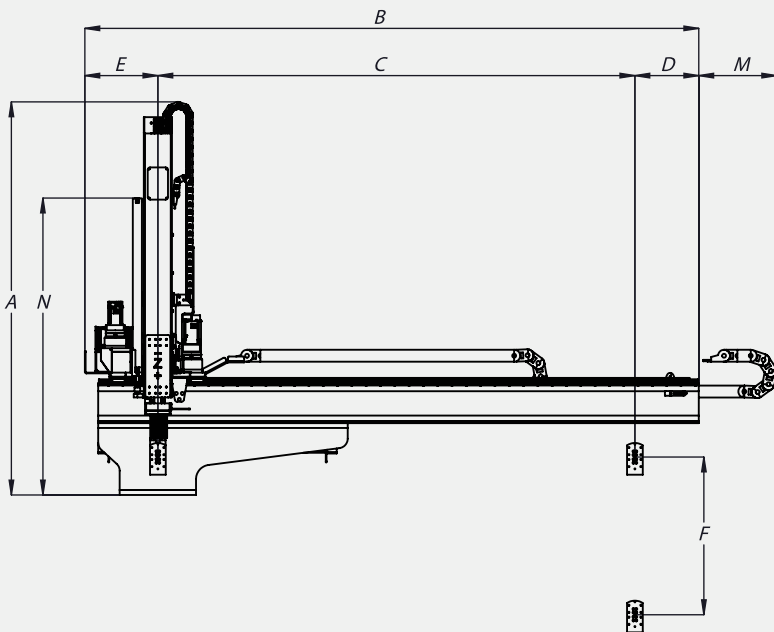
Fast Cycle

## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MW1000II	1000 [1200]	660	1500 [1800] [2000]	150 - 300	AC Servo Motor	±0.1	(*) 5	25	322 [325] - [345] [349]

(\*) Weight of Robotic Hand is Included.

([]) Optional Dimensions.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1560 - [1684]</b>
<b>B</b>	Length	<b>2056</b> [2356] [2556]
<b>C</b>	Traverse Axis Stroke	<b>1500</b> [1800] [2000]
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>250</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>306</b>
<b>F</b>	Vertical Axis Stroke	<b>1000 - [1200]</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>300</b>
<b>N</b>	Balance Cylinder Height	<b>1145 - [1245]</b>

<b>G</b>	Vertical Wait	<b>159</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>363</b>
<b>I</b>	Minimum Crosswise Wait	<b>268</b>
<b>J</b>	Maximum Crosswise Stroke	<b>660</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>928</b>
<b>L</b>	Width	<b>1246</b>
<b>K</b>	Crosswise Start Distance	<b>884</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.9	(*2) 4 - 6	3.5

(\*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)





- 

Telescopic Vertical Axis
- 

Vertical Axis Balance Cylinder
- 

Manual Central Lubrication
- 

Easy Position (Location) Teaching
- 

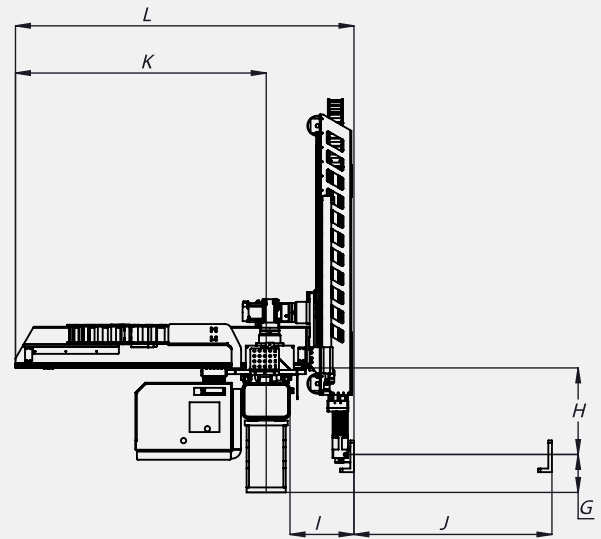
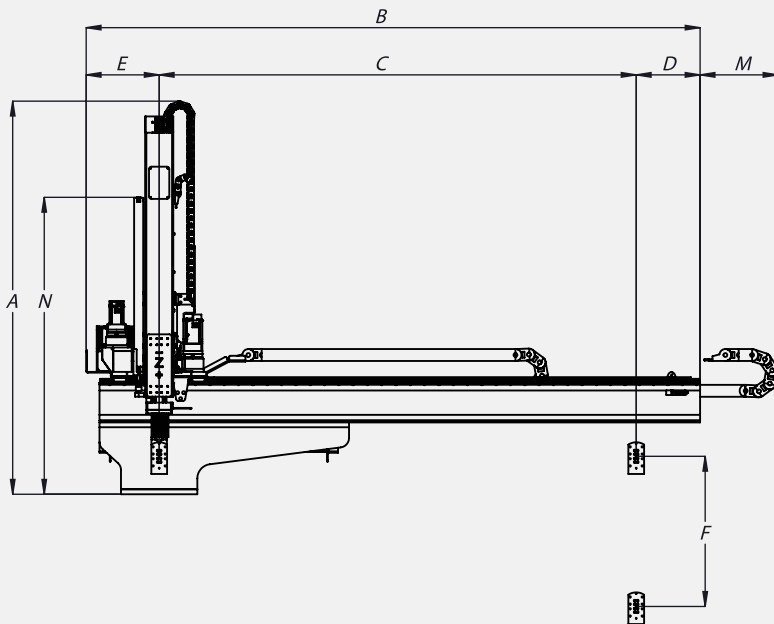
Fast Cycle

## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MW1200II	1200 [1400]	830	2000 [2500]	250 - 400	AC Servo Motor	±0.1	(*) 10	25	386 [392] - [433] [436]

(\*) Weight of Robotic Hand is Included.

( [ ] ) Optional Dimensions.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1684 - [1810]</b>
<b>B</b>	Length	<b>2576 - [3056]</b>
<b>C</b>	Traverse Axis Stroke	<b>2000 - [2500]</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>270</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>306</b>
<b>F</b>	Vertical Axis Stroke	<b>1200 - [1400]</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>300</b>
<b>N</b>	Balance Cylinder Height	<b>1245 - [1345]</b>

<b>G</b>	Vertical Wait	<b>159</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>363</b>
<b>I</b>	Minimum Crosswise Wait	<b>268</b>
<b>J</b>	Maximum Crosswise Stroke	<b>830</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1098</b>
<b>L</b>	Width	<b>1420</b>
<b>K</b>	Crosswise Start Distance	<b>1051</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.9	(*2) 4 - 6	4.4

(\*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)



- 

Telescopic Vertical Axis
- 

Vertical Axis Balance Cylinder
- 

Manual Central Lubrication
- 

Easy Position (Location) Teaching
- 

Fast Cycle

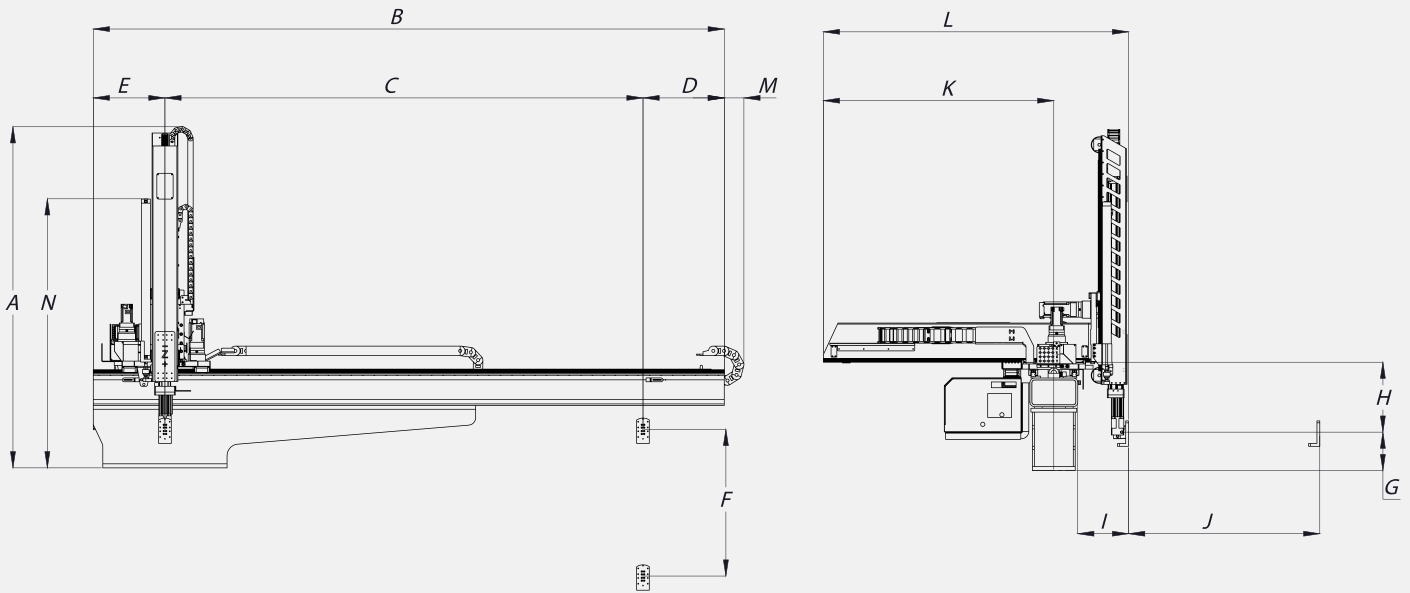
## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MW1400II	1400 [1600]	1000	2500 [3000]	400 - 650	AC Servo Motor	±0.1	(*) 15	65	634 [646] - [665] [674]

(\*) Weight of Robotic Hand is Included.

( [ ] ) Optional Dimensions.





## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1851 - [1951]</b>
<b>B</b>	Length	<b>3300 - [3800]</b>
<b>C</b>	Traverse Axis Stroke	<b>2500 - [3000]</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>425</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>375</b>
<b>F</b>	Vertical Axis Stroke	<b>1400 - [1600]</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>100</b>
<b>N</b>	Balance Cylinder Height	<b>1407 - [1507]</b>

<b>G</b>	Vertical Wait	<b>200</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>366</b>
<b>I</b>	Minimum Crosswise Wait	<b>266</b>
<b>J</b>	Maximum Crosswise Stroke	<b>1000</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1266</b>
<b>L</b>	Width	<b>1600</b>
<b>K</b>	Crosswise Start Distance	<b>1205</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.9	(*2) 4 - 6	13.0 [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)



Telescopic Vertical Axis



Vertical Axis Balance Cylinder



Manual Central Lubrication



Easy Position (Location) Teaching



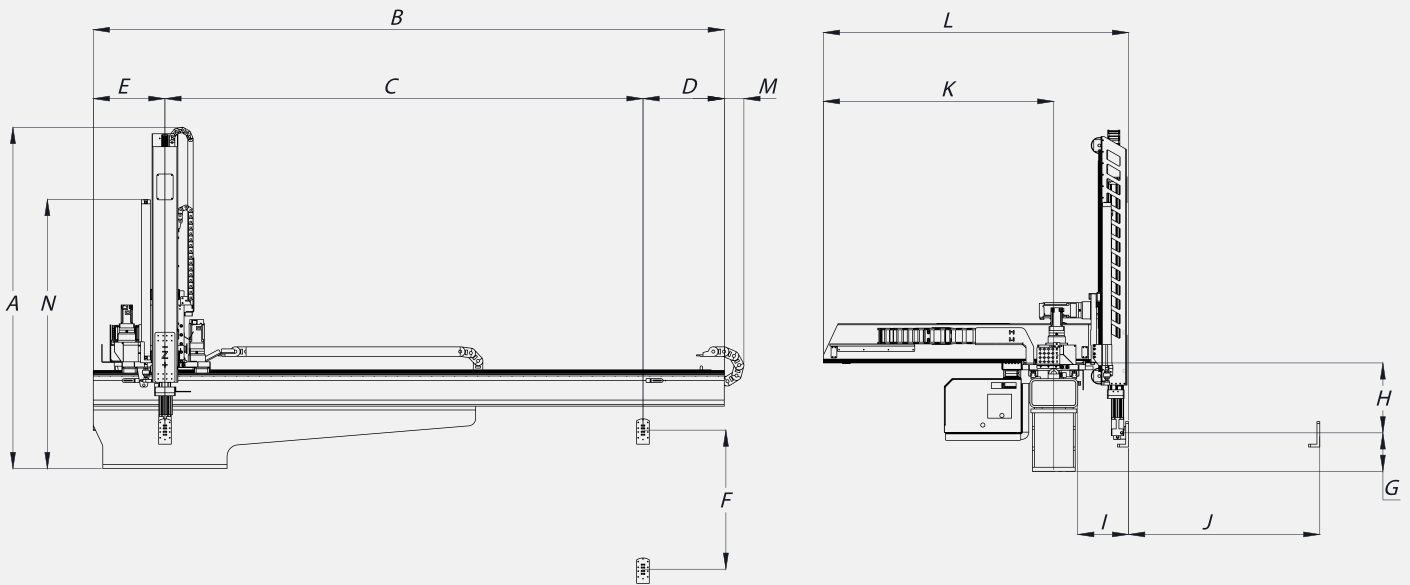
Fast Cycle

## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MW1800II	1800	1300	2500 [3000]	650 - 1300	AC Servo Motor	±0.1	(*) 25	65	656 [690]

(\*) Weight of Robotic Hand is Included.

([]) Optional Dimensions.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>2060</b>
<b>B</b>	Length	<b>3300 - [3800]</b>
<b>C</b>	Traverse Axis Stroke	<b>2500 - [3000]</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>425</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>375</b>
<b>F</b>	Vertical Axis Stroke	<b>1800</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>100</b>
<b>N</b>	Balance Cylinder Height	<b>1607</b>

<b>G</b>	Vertical Wait	<b>200</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>366</b>
<b>I</b>	Minimum Crosswise Wait	<b>266</b>
<b>J</b>	Maximum Crosswise Stroke	<b>1300</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1566</b>
<b>L</b>	Width	<b>1900</b>
<b>K</b>	Crosswise Start Distance	<b>1503</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.9	(*2) 4 - 6	13.0 [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)





Telescopic  
Vertical  
Axis



Vertical Axis  
Balance  
Cylinder



Manual  
Central  
Lubrication



Easy Position  
(Location)  
Teaching



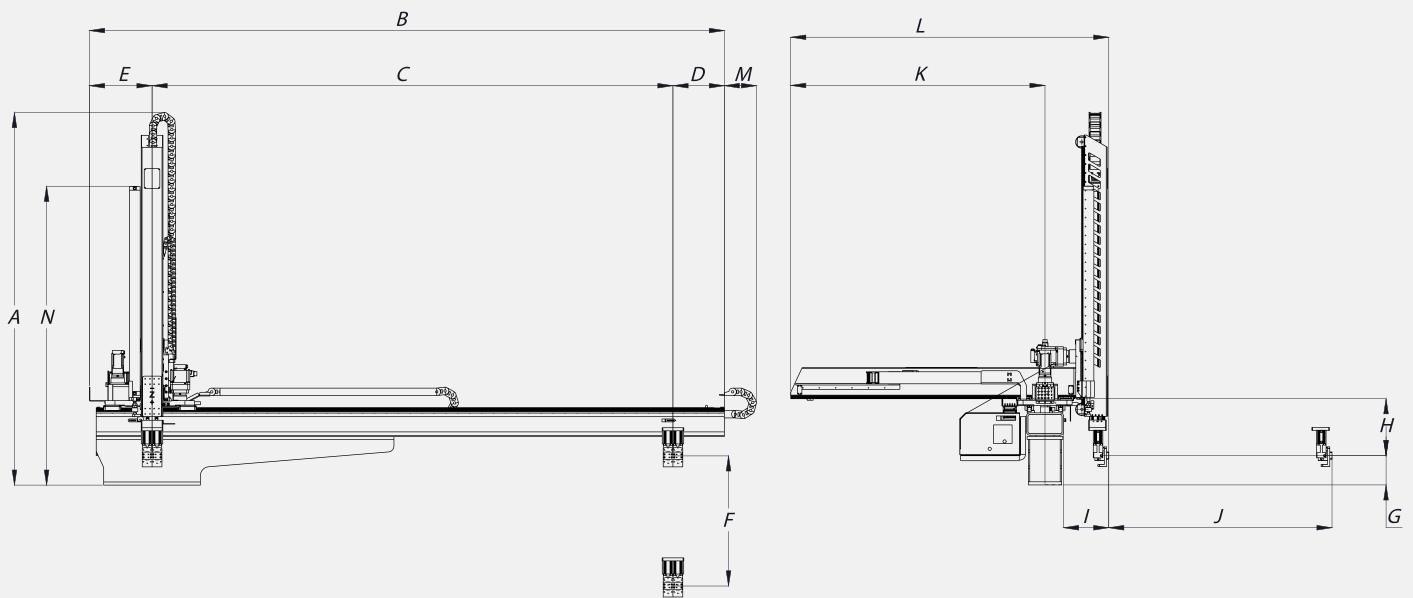
Fast  
Cycle

## 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	65	795 [846]

(\*) 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)



Telescopic  
Vertical  
Axis



Vertical Axis  
Balance  
Cylinder



Manual  
Central  
Lubrication



Easy Position  
(Location)  
Teaching



Extra  
Strong

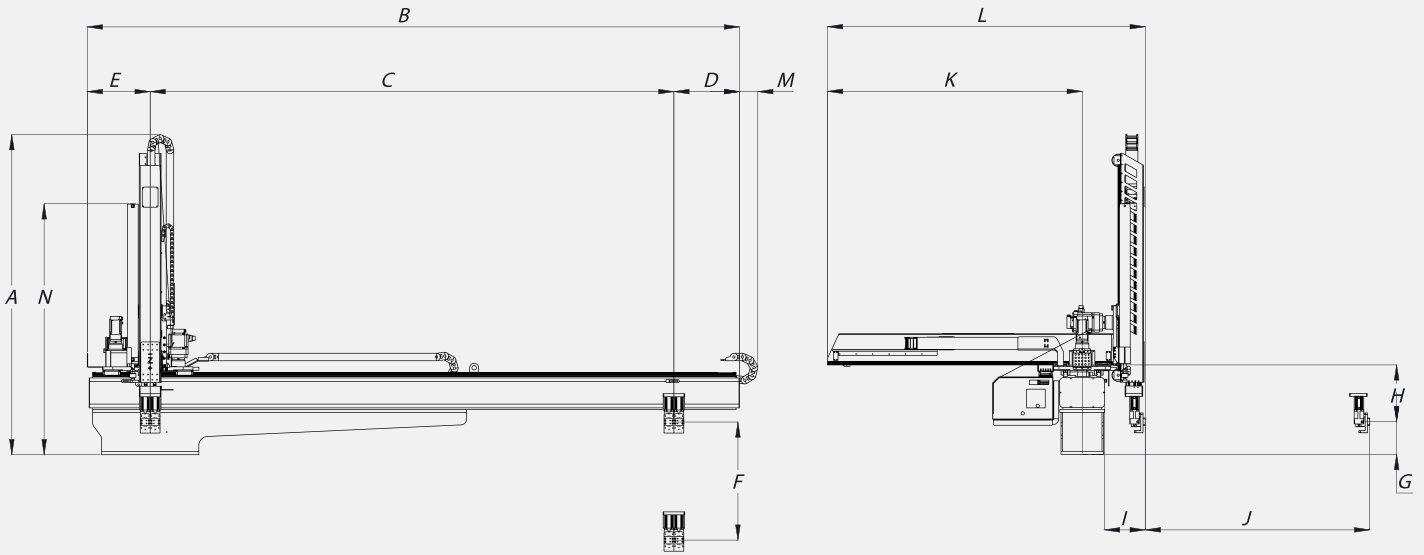
## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
MWH1800II	1800 [ 2500 ]	1500	3500	1000 - 2800	AC Servo Motor	±0.1	45 (*1)	100	1254 [1265]

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

( [ ] ) Optional Dimensions.





## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>2140 - [2490]</b>
<b>B</b>	Length	<b>4360</b>
<b>C</b>	Traverse Axis Stroke	<b>3500</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>440</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>420</b>
<b>F</b>	Vertical Axis Stroke	<b>1800 - [2500]</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>125</b>
<b>N</b>	Balance Cylinder Height	<b>1676 - [2026]</b>

<b>G</b>	Vertical Wait	<b>220</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>380</b>
<b>I</b>	Minimum Crosswise Wait	<b>272</b>
<b>J</b>	Maximum Crosswise Stroke	<b>1500</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1772</b>
<b>L</b>	Width	<b>2125</b>
<b>K</b>	Crosswise Start Distance	<b>1703</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)



- 

Telescopic Vertical Axis
- 

Vertical Axis Balance Cylinder
- 

Manual Central Lubrication
- 

Easy Position (Location) Teaching
- 

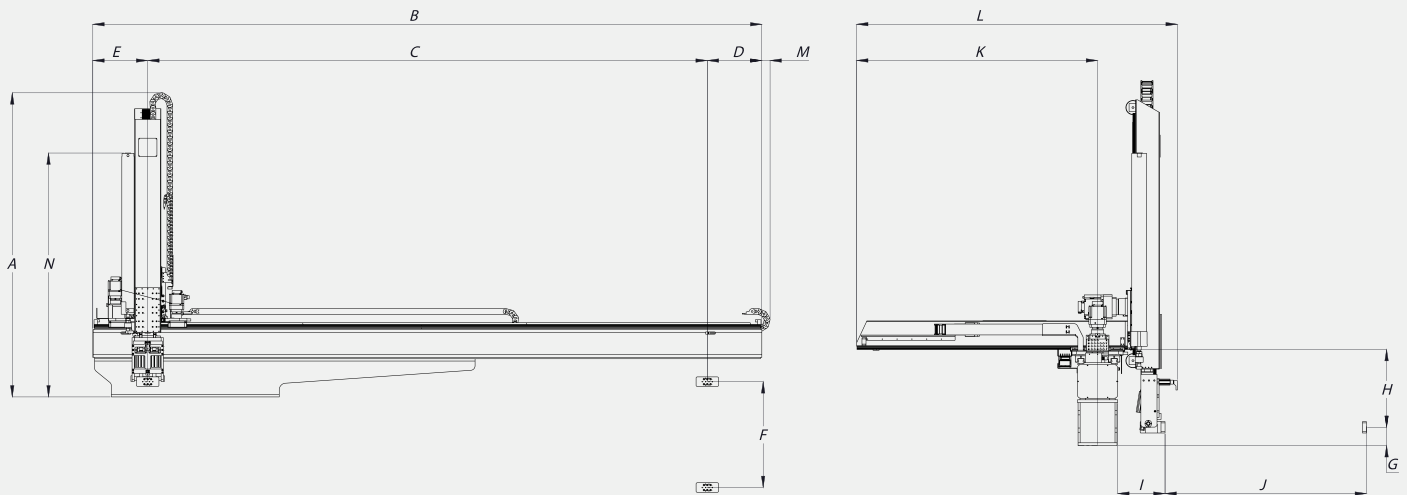
Extra Strong

## ► 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
MWH2500II	2500 [3000]	1500	5000 [4500] [3500]	1300 - 2800	AC Servo Motor	±0.1	(*) 60	550	2015 - [2215] [1895] - [2095] [1715] - [1915]

(\*) Weight of Robotic Hand is Included.

( [ ] ) Optional Dimensions.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>2710 - [2960]</b>
<b>B</b>	Length	<b>5980</b> [5480] [4480]
<b>C</b>	Traverse Axis Stroke	<b>5000</b> [3500] [4500]
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>490</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>490</b>
<b>F</b>	Vertical Axis Stroke	<b>2500 - [3000]</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>75</b>
<b>N</b>	Balance Cylinder Height	<b>2180 - [2430]</b>

<b>G</b>	Vertical Wait	<b>115</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>600</b>
<b>I</b>	Minimum Crosswise Wait	<b>355</b>
<b>J</b>	Maximum Crosswise Stroke	<b>1500</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1855</b>
<b>L</b>	Width	<b>2390</b>
<b>K</b>	Crosswise Start Distance	<b>1795</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	4.1	(*2) 4 - 6	195.0

(\*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)



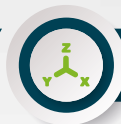
Telescopic  
Vertical  
Axis



Vertical Axis  
Balance  
Cylinder



Manual  
Central  
Lubrication



Easy Position  
(Location)  
Teaching



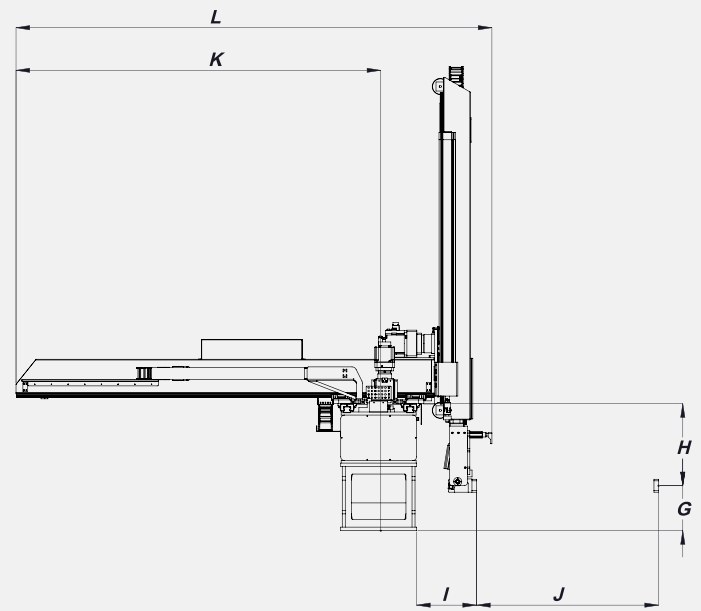
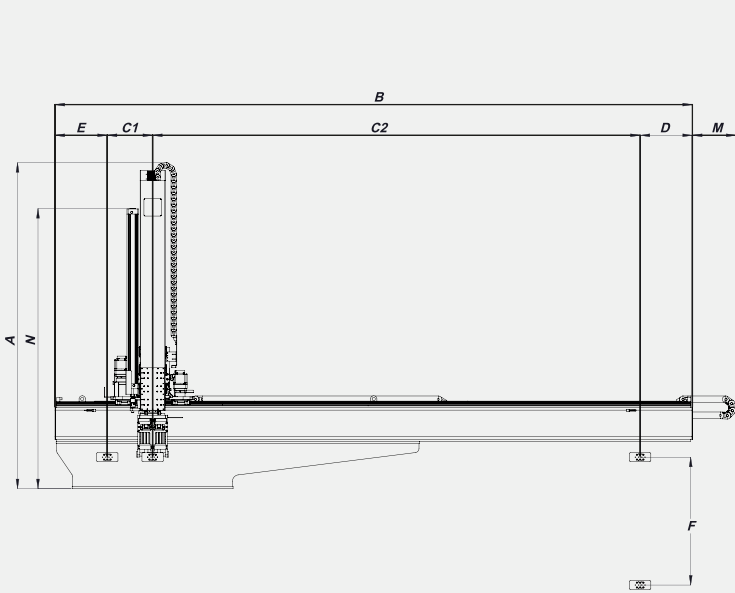
Extra  
Strong

## 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
MWH3000II	3000	2000	5000	1300 - 2800	AC Servo Motor	±0.1	(*) 60	550	3200

(\*) Weight of Robotic Hand is Included.





## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>3059</b>
<b>B</b>	Length	<b>5980</b>
<b>C</b>	C1+C2 Traverse Axis Stroke	<b>5000</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>490</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>490</b>
<b>F</b>	Vertical Axis Stroke	<b>3000</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>376</b>
<b>N</b>	Balance Cylinder Height	<b>2629</b>

<b>G</b>	Vertical Wait	<b>296</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>541</b>
<b>I</b>	Minimum Crosswise Wait	<b>396</b>
<b>J</b>	Maximum Crosswise Stroke	<b>2000</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>2396</b>
<b>L</b>	Width	<b>3138</b>
<b>K</b>	Crosswise Start Distance	<b>2405</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	4.1	(*2) 4 - 6	195.0

(\*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)



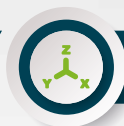
Telescopic  
Vertical  
Axis



Vertical Axis  
Balance  
Cylinder



Manual  
Central  
Lubrication



Easy Position  
(Location)  
Teaching

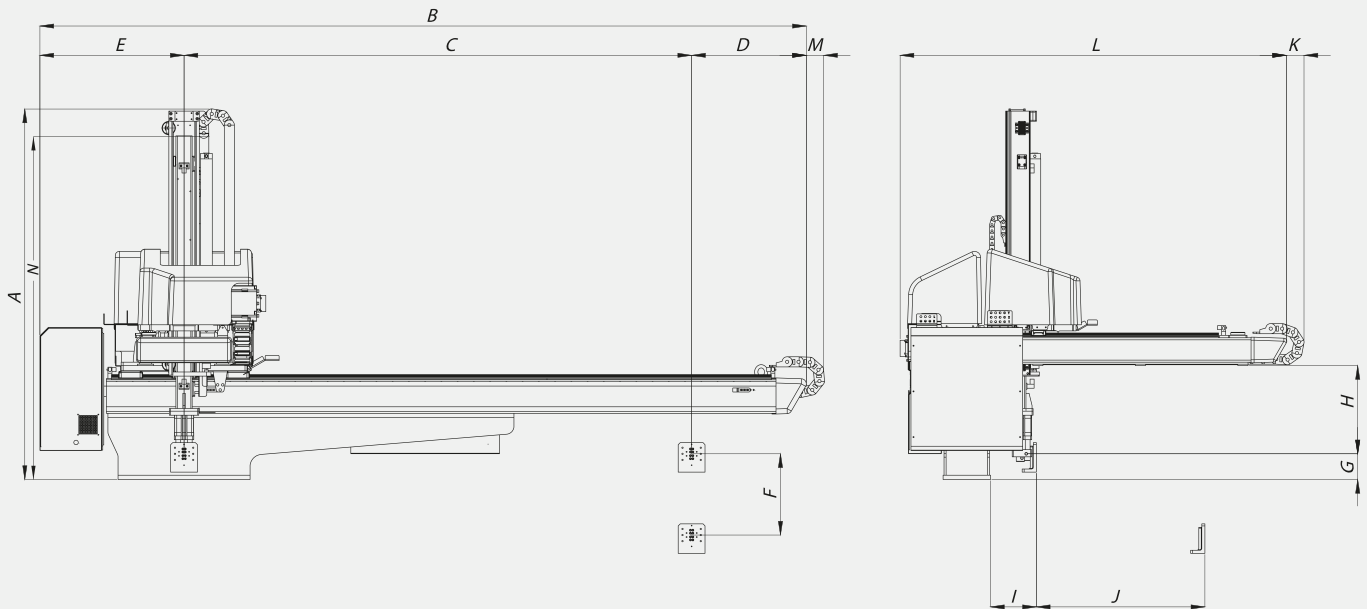


Fast  
Cycle

## ► 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
SCH1200II	1200	680	1800	250 - 400	AC Servo Motor	±0.1	(*) 10	65	670

(\*) Weight of Robotic Hand is Included.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1675</b>
<b>B</b>	Length	<b>3025</b>
<b>C</b>	Traverse Axis Stroke	<b>1800</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>520</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>710</b>
<b>F</b>	Vertical Axis Stroke	<b>1200</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>230</b>
<b>N</b>	Balance Cylinder Height	<b>1410</b>

<b>G</b>	Vertical Wait	<b>118</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>440</b>
<b>I</b>	Minimum Crosswise Wait	<b>256</b>
<b>J</b>	Maximum Crosswise Stroke	<b>680</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>936</b>
<b>L</b>	Width	<b>1685</b>
<b>K</b>	Crosswise Start Distance	<b>160</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	4.3	(*2) 4 - 6	3.5

(\*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
- 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)



Telescopic Vertical Axis



Vertical Axis Balance Cylinder



Manual Central Lubrication



Easy Position (Location) Teaching

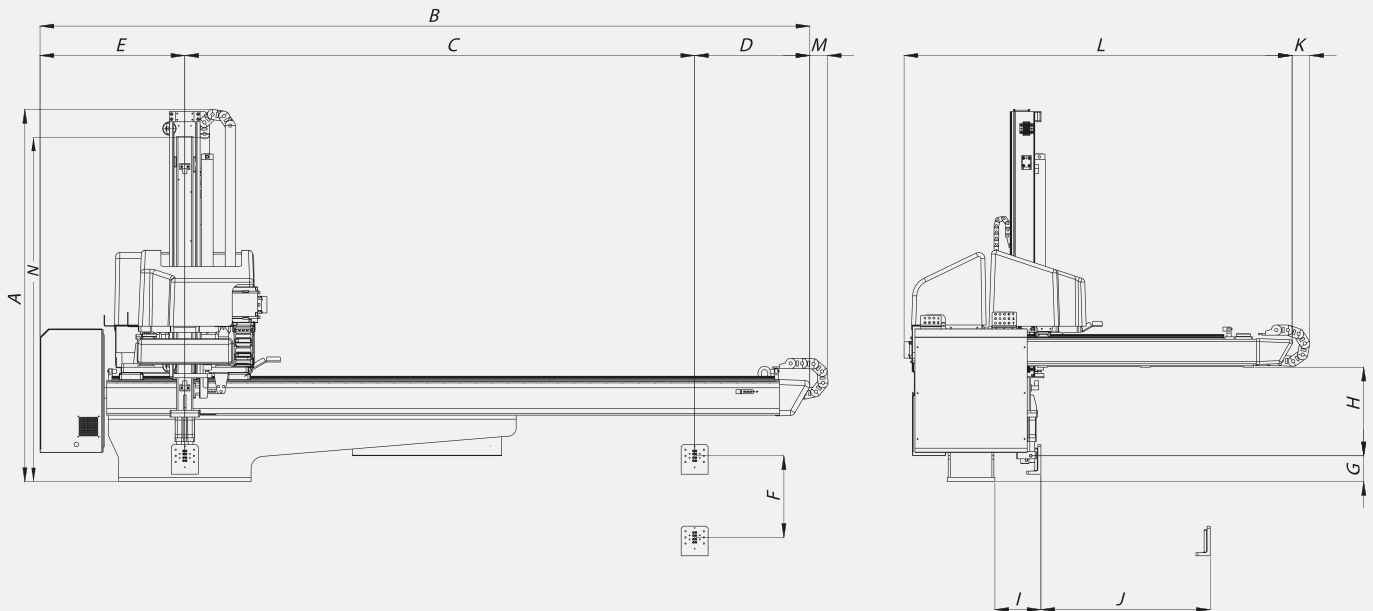


Fast Cycle

## ► 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
SCH 1600II	1600	830	2.550	400 - 850	AC Servo Motor	±0.1	(*) 35	65	700

(\*) Weight of Robotic Hand is Included.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1825</b>
<b>B</b>	Length	<b>3725</b>
<b>C</b>	Traverse Axis Stroke	<b>2500</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>520</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>710</b>
<b>F</b>	Vertical Axis Stroke	<b>1600</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>230</b>
<b>N</b>	Balance Cylinder Height	<b>1610</b>

<b>G</b>	Vertical Wait	<b>118</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>440</b>
<b>I</b>	Minimum Crosswise Wait	<b>256</b>
<b>J</b>	Maximum Crosswise Stroke	<b>830</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>1086</b>
<b>L</b>	Width	<b>1835</b>
<b>K</b>	Crosswise Start Distance	<b>160</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	4,3	(*2) 4 - 6	3.5

(\*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
- 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)

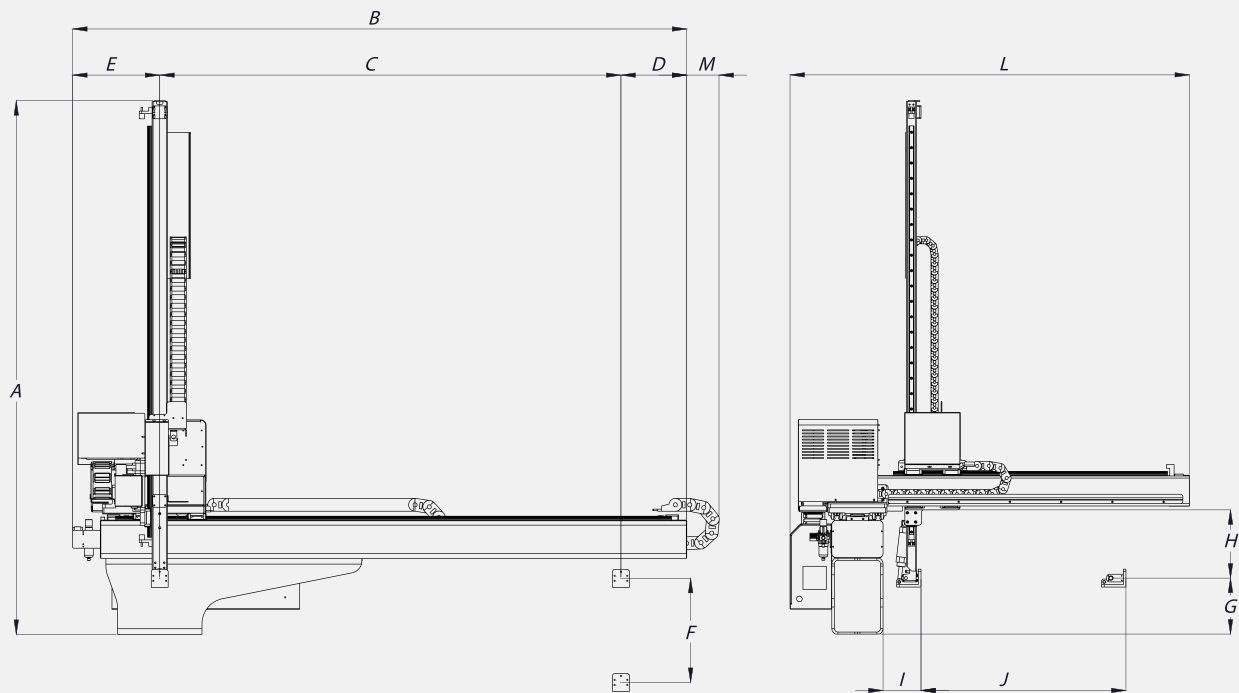




## ► FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (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	25	260

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



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1685</b>
<b>B</b>	Length	<b>1800</b>
<b>C</b>	Traverse Axis Stroke	<b>1200</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>260</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>340</b>
<b>F</b>	Vertical Axis Stroke	<b>800</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>130</b>

<b>G</b>	Vertical Wait	<b>215</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>265</b>
<b>I</b>	Minimum Crosswise Wait	<b>150</b>
<b>J</b>	Maximum Crosswise Stroke	<b>450</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>600</b>
<b>L</b>	Width	<b>1210</b>

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

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

## ► GENERAL FEATURES

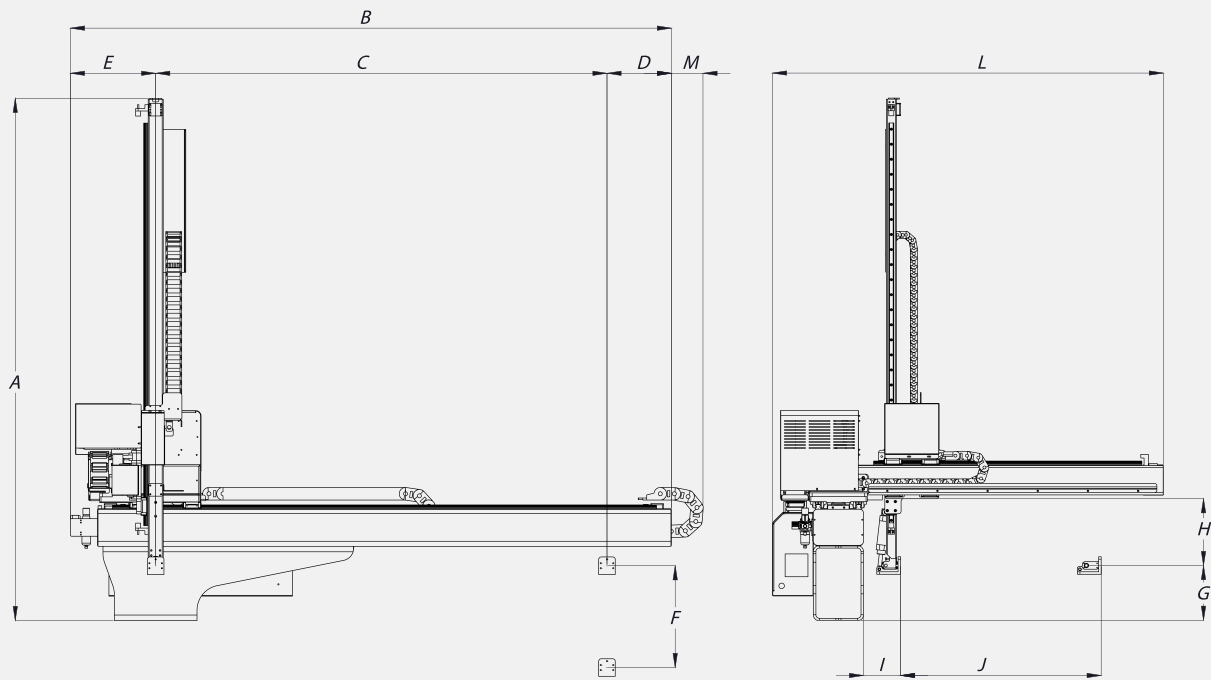
- Vacuum Line
- Blow Line
- Sprue Gripper Line
- Product Pickup from Fixed and Moving Platens
- Selection of Operator / Non-operator Working Direction
- Vacuum Level Adjustment on the Control Panel
- Product Sorting and Stacking
- Product Sorting in Matrix Form
- Soft Sorting / Separation
- Y Axis Free
- 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
- 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 50 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Economic Vacuum Feature (Optional)



## ► FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Injection Clamping Force Range (Ton)	Driving Method	Linear Position Repeatability (mm)	C Axis Posture ↙ 90°		Net Weight (kg)
	Vertical	Crosswise	Traverse				Maximum Payload (kg)	C Axis Posture Torque (Nm)	Main Body
eMW1000	1000	660	1500	100 - 380	AC Servo Motor	±0.1	(*) 6	25	280

(\*) Weight of Robotic Hand is Included.



## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>1885</b>
<b>B</b>	Length	<b>2100</b>
<b>C</b>	Traverse Axis Stroke	<b>1500</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>260</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>340</b>
<b>F</b>	Vertical Axis Stroke	<b>1000</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>130</b>

<b>G</b>	Vertical Wait	<b>215</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>265</b>
<b>I</b>	Minimum Crosswise Wait	<b>150</b>
<b>J</b>	Maximum Crosswise Stroke	<b>660</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>810</b>
<b>L</b>	Width	<b>1420</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.3	(*2) 4 - 6	3.5

(\*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
- 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 50 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Economic Vacuum Feature (Optional)

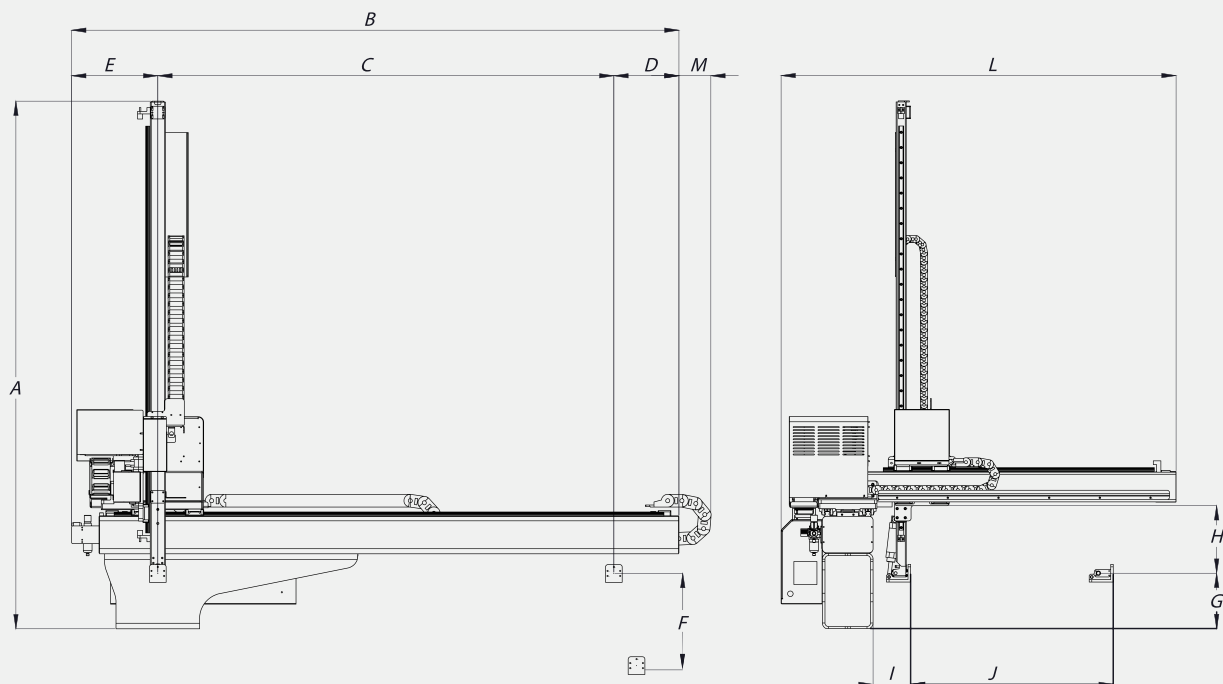


## ► FUNDAMENTAL MECHANICAL SPECIFICATIONS

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
eMW1200	1200	800	1800	300 - 660	AC Servo Motor	±0.1	12 (*1)	25	310

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





## ► DIMENSIONS (mm)

<b>A</b>	Height	<b>2085</b>
<b>B</b>	Length	<b>2400</b>
<b>C</b>	Traverse Axis Stroke	<b>1800</b>
<b>D</b>	Traverse Axis Stroke Excluded Distance (Product Place Region)	<b>260</b>
<b>E</b>	Traverse Axis Stroke Excluded Distance (Product Pick Up Region)	<b>340</b>
<b>F</b>	Vertical Axis Stroke	<b>1200</b>
<b>M</b>	Traverse Axis Cable Carrier Overflow	<b>130</b>

<b>G</b>	Vertical Wait	<b>215</b>
<b>H</b>	Gripper Assembly Position under Crosswise Axis	<b>265</b>
<b>I</b>	Minimum Crosswise Wait	<b>150</b>
<b>J</b>	Maximum Crosswise Stroke	<b>800</b>
<b>I+J</b>	Maximum Crosswise Reach	<b>950</b>
<b>L</b>	Width	<b>1560</b>

Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Three-phase AC 380V ± %10 (50Hz/60 Hz)	1.6	(*2) 4 - 6	4.5

(\*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
- 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 50 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Economic Vacuum Feature (Optional)



Easy Usage



Selection of Operator  
Non-operator  
Working Direction



50°- 90°  
Rotation

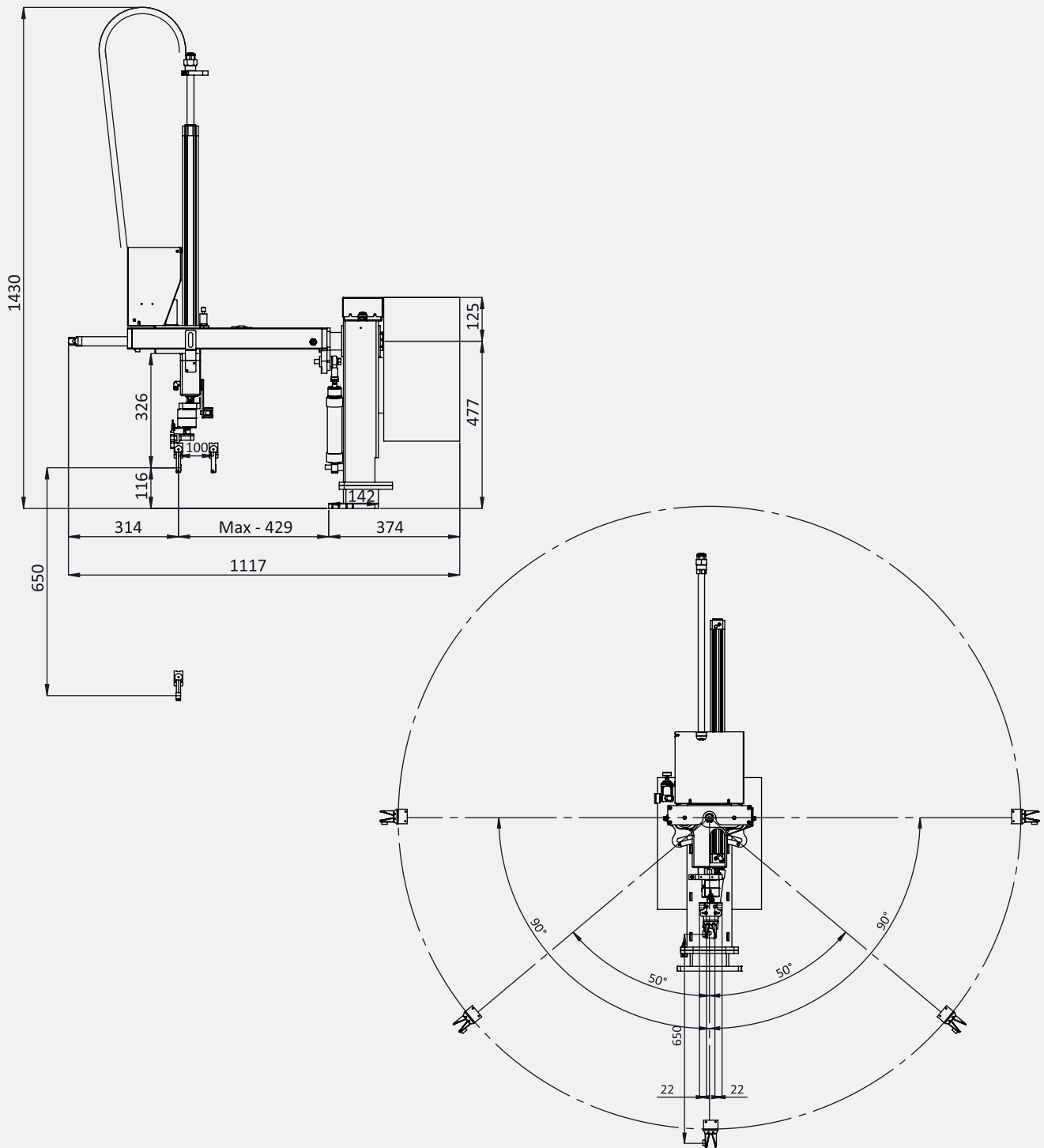


Max.  
Payload  
2kg

## FUNDAMENTAL MECHANICAL SPECIFICATIONS

Model	Axis Strokes (mm)			Driving Method	Axis Posture	Maximum Payload (kg)	Main Body (kg)
	Vertical	Crosswise	Max. Access				
MPR 650	650	100	450	Pneumatic	50°-90°	(*) 2	50

(\*) Weight of Robotic Hand is Included.



Power Supply	Maximum Power (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)
Mono-phase AC 220V ± %10 (50Hz/60 Hz)	0,3 A	4 - 6 (*2)	9

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

## ► GENERAL FEATURES

- Free Program
- Multi Language Support
- Product Pickup from Fixed and Moving Platens
- Selection of Operator / Non-operator Working Direction
- Euromap 12/67 Robot Interface
- Crosswise J (Pass) Motion
- Sprue Control
- Ejector Control
- IMM Door Open Permission during Pause
- Pause during Operation
- Extra Mold Safety Sensor (Optional)
- USB Memory Connection
- Connection Adapter between Robot and Injection Machine
- Conveyor Control
- Vacuum General (Optional)

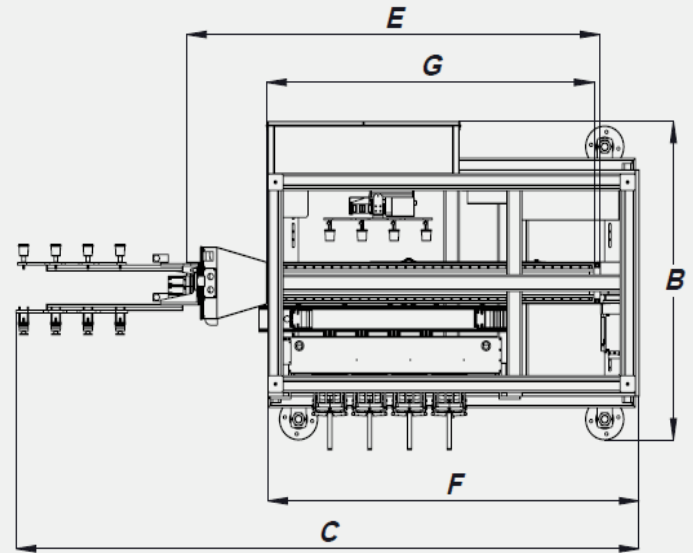
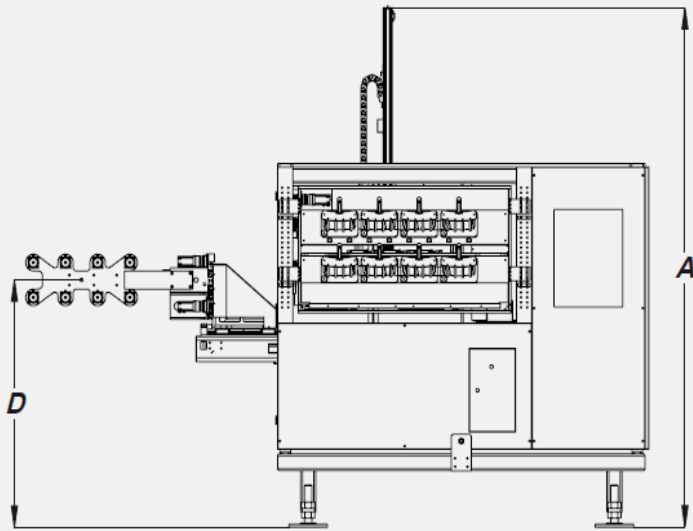


Data varies depending on the project.

Power Supply	Electric Consumption (kVA)	Maximum Power Consumption (kW)	Air Pressure (Bar)	Air Consumption (NI/Cycle)	Net Weight (kg)	
					Main Body	Hand Panel
Three-phase AC 380V ± %10 (50/60Hz)	8.9	5.34	6~8	2.6	1630	1.1
		(*1)	(*2)			

(\*1) It is calculated value approximately % 60 efficiency rate based on electricity consumption.

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



## ► DIMENSIONS (mm)

Dimensions and designs vary depending on the project.

<b>A</b>	Height	<b>3125 (*3)</b>
<b>B</b>	Width	<b>1800</b>
<b>C</b>	Length	<b>3870 (*4)</b>

<b>D</b>	In mold axis height (Adjustable)	<b>1490-1590</b>
<b>E</b>	Traverse Axis	<b>2500</b>
<b>F</b>	Chassis Length	<b>2425</b>
<b>G</b>	Stroke	<b>1900</b>

(\*3) Maximum value for height.

(\*4) Maximum value for length.

## ► GENERAL FEATURES

- Vacuum Line
- Blow Line
- Product Pickup from Fixed and Moving Platens
- Vacuum Level Adjustment on the Control Panel

- Product Sorting and Stacking
- Y Axis Free
- Defective Product Separation (Machine Feature Compatibility Support)
- Extra Mold Safety Sensor

- 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





## IML MAGAZINE SYSTEM



## FULL AUTOMATION PACKAGING SYSTEM



## MEDICAL AUTOMATION



## METAL INSERT



# SECTORS



# MORITECH<sup>®</sup>



## Design

We realize designs in line with the requirements of the project partners without compromising from the reliability and quality to pursue products that are user friendly, functional for long-terms, and safe both for mechanical system and the personnel.



## Solution Oriented Production

Our company which develops high-quality, reliable and innovative technology targeting realization of the most effective production always focuses on sustainable and permanent solutions based on the needs for its project partners.



## Prompt Support

With the help of technical infrastructure and personnel, we also provide technical support and spare part services to the customers.

We promptly respond to all after-sales technical needs.



The MORITECH logo features the word "MORITECH" in a bold, dark blue, sans-serif font. The letter "O" is replaced by a stylized green circle with a white outline. A registered trademark symbol (®) is located at the top right of the word. The background of the entire page is a faded image of a robotic manufacturing cell with large green and blue circular overlays.

**MORITECH**®

**SOCIAL MEDIA**  
CHANNELS



[www.moritechrobot.com](http://www.moritechrobot.com)

# MORITECH®



## 📍 HEAD FACTORY - ISTANBUL

Tepeoren Mh. ITOSB 4. Cd. No: 29 Tuzla 34959 Istanbul / TÜRKİYE

☎ +90 216 304 10 45 📠 +90 216 304 10 46

## 📍 ANKARA FACTORY

Malikoy Baskent OSB Mh. 20. Cd. No: 8 Sincan, Ankara / TÜRKİYE

✉ info@moritech.com.tr

[www.moritechrobot.com](http://www.moritechrobot.com)