

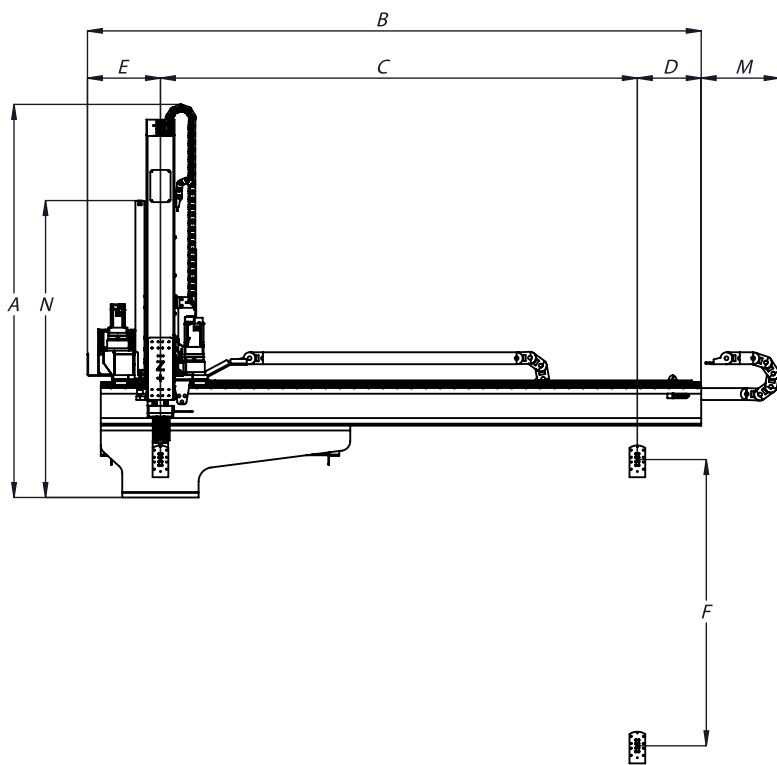


## FUNDAMENTAL MECHANICAL SPECIFICATIONS

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)	
MW1200II	1200 [1400]	830	2000 [2500]	250 - 400	AC Servo Motor	±0.1	10 (*1)	35	386 [392] - [433] [436]

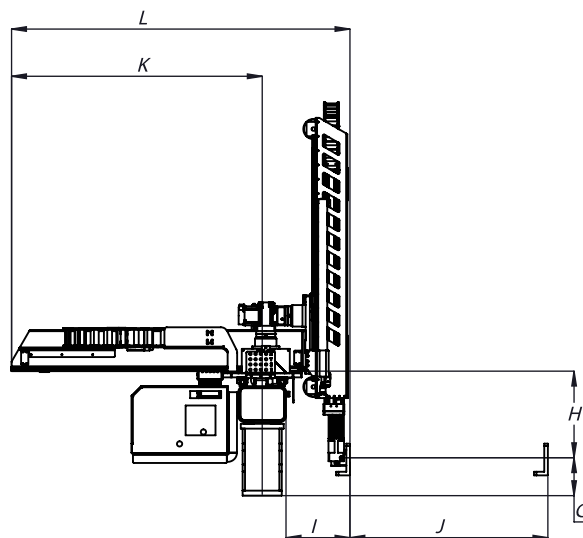
(\*1) Weight of Robotic Hand is Included. (\*[]) Optional Dimensions.

- Vacuum Line
- Blow Line
- Sprue Gripper Line
- Telescopic Vertical Axis
- Vertical Axis Balance Cylinder
- Manual Central Lubrication
- Eco Mode (Automatic Energy Saving Cycle Feature)
- Product Pickup from Fixed and Moving Platens
- Selection of Operator / Non-operator Working Direction
- Conveyor Control
- Fast Cycle
- Product Sorting and Stacking
- Product Sorting in Matrix Form
- Soft Sorting / Separation
- Vacuum Level Adjustment on the Control Panel
- Turkish and English Message Support on the Control Panel
- Product Extraction from Core in the Mold
- Sprue Separation
- Sample Separation
- Simple Position Teaching
- Crosswise J (Pass) Motion
- Defective Product Separation (Machine Feature Compatibility Support)
- Extra Mold Safety Sensor (Optional)
- Pause during Operation
- Stop and Start
- IMM Door Open Permission during Pause
- C Axis Rotation Control
- 90° Soft Stop
- Connection Adapter between Robot and Injection Machine
- Mode Operation Function Control
- Turkish Software Multi-Language Support
- Maximum Payload Adjustment
- Operation Record Feature
- Alarm Record Feature
- USB Memory Connection
- Memory of upto 50 Molds
- Ejector Control
- Euromap 12/67 Robot Interface
- Overload Protection
- Economic Vacuum Feature (Optional)



**OUTER DIMENSIONS**

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



**OUTER DIMENSIONS**

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

**MINIMUM INFRASTRUCTURE REQUIREMENTS**

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

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