

● INJECTION PRESS RANGE: 350-600 TON ●

*Digital AC SERVO Robot Series*

# MHY-1200VII



### COMMON SPECIFICATIONS

| Power Source                              | Air Pressure     | Drive          | Posture (air cylinder) | Recommended Max Load | Posture Torque @ 70 PSI   | Control Types |
|-------------------------------------------|------------------|----------------|------------------------|----------------------|---------------------------|---------------|
| 200-220 VAC $\pm$ 10%<br>3 Phase, 50/60Hz | 70 psi (.48 MPa) | AC Servo Motor | 90°                    | 33 lbs (15 kg)       | 42.6 ft-lbs<br>(57.7 N•m) | STEC-520B     |

### GENERAL SPECIFICATIONS

| Model       | Stroke              |              |                     |                     | Electric Consumption (kVA) | Max Power Consumption (kW) | Main Body Weight (KG) | Air Consumption (ft <sup>3</sup> ) |
|-------------|---------------------|--------------|---------------------|---------------------|----------------------------|----------------------------|-----------------------|------------------------------------|
|             | (P) Vertical        | (R) Vertical | Crosswise           | Traverse            |                            |                            |                       |                                    |
| MHY-1200VII | 51.18"<br>(1300 mm) | N/A          | 39.37"<br>(1000 mm) | 78.74"<br>(2000 mm) | 9.0                        | 5.4                        | 1,000<br>(2205 lbs)   | 0.55<br>(15.4 NI / Cycle)          |

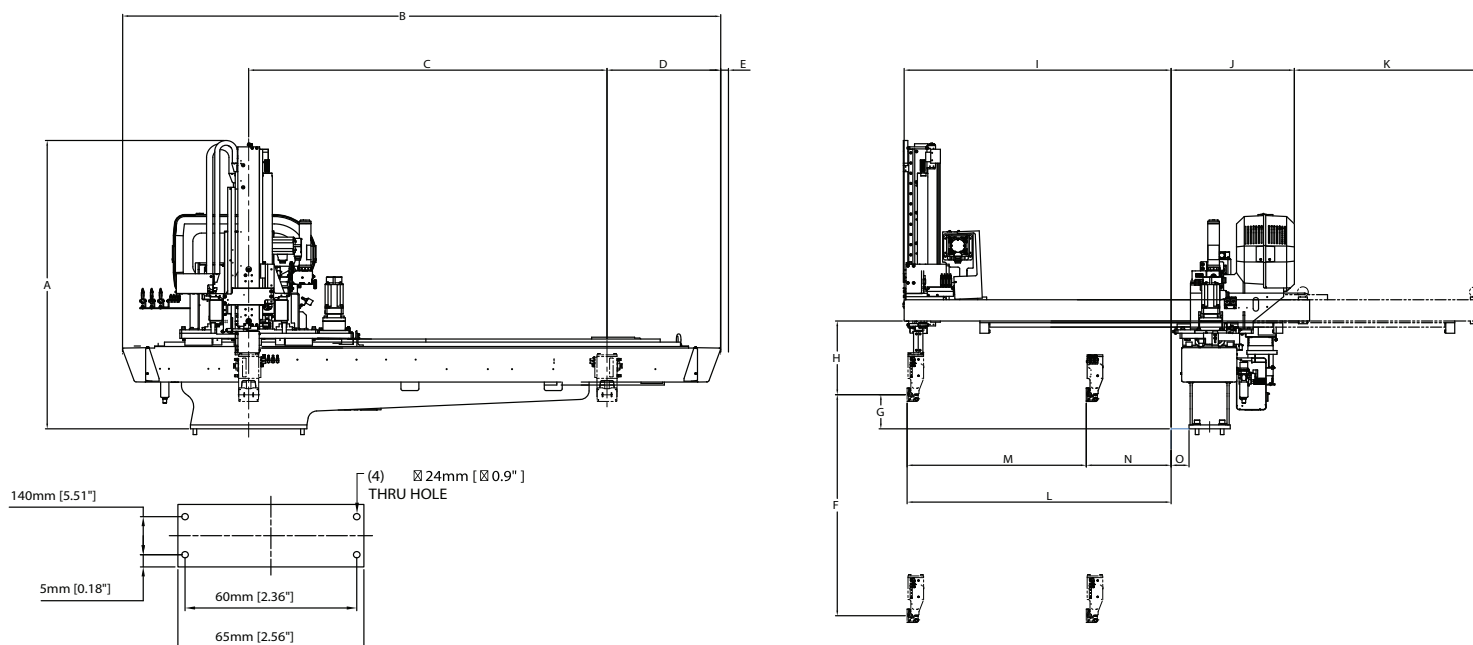
### STANDARD FEATURE

|                                           |
|-------------------------------------------|
| Vacuum Generator with Part Present Sensor |
| Part Grip Circuit                         |
| Sprue Grip Circuit                        |
| USB Port                                  |
| Ethernet Port                             |
| Sample and Chuck Change Positons          |
| Product Packaging (256 each axis)         |
| CNC Step Programming                      |
| Micro SD Card                             |
| CPC® and AMP® Connections at the Head     |
| Active Vibration Control                  |
| IMM Mounting Weldment                     |
| Multi- Level Password Protection          |
| Position, Speed and Timer Adjust in Auto  |
| Alarm History                             |
| Grease Pocket LM Bearings                 |

### OPTION LIST

|                                                      |
|------------------------------------------------------|
| Additional Vacuum Generator with Part Present Sensor |
| Additional Part Grip                                 |
| Nipper on Chuck                                      |
| Rotation 90°, 180° 2-Position, 180° 3-Position       |
| Shuttle on Tool                                      |
| Mold Spray                                           |
| Air Blow                                             |
| 1-3 Color Alarm Light                                |
| Special Paint                                        |
| Free Packaging                                       |
| Central Lube                                         |
| Quick Chuck Change                                   |
| Servo Posture Wrist                                  |

### OVERALL DIMENSIONS



### MHY-1200VII

| A | Overall Height                              | 66.75" (1696mm)  |
|---|---------------------------------------------|------------------|
| B | Overall Width                               | 131.42" (3338mm) |
| C | Traverse Stroke                             | 78.74" (2000mm)  |
| D | Overhang, Release Side                      | 24.96" (634mm)   |
| E | Cable Guide Overhang                        | 0                |
| F | Vertical Stroke                             | 51.18" (1300mm)  |
| G | Vertical Standby                            | 7.87" (200mm)    |
| H | Bottom of Crosswise to Chuck Mount Position | 17.05" (433mm)   |
| I | Mold Mounting Face - Crosswise Arm End      | 58.66" (1490mm)  |
| J | Mold Mounting Face to Box End               | 27.09" (688mm)   |
| K | Retracted Crosswise Arm                     | 41.14" (1045mm)  |
| L | Crosswise Reach Max.                        | 58.01" (1474mm)  |
| M | Crosswise Stroke Max.                       | 39.37" (1000mm)  |
| N | Crosswise Standby Min.                      | 18.64" (474mm)   |
| O | Base Offset                                 | 3.94" (100mm)    |

All stated here is subject to change without notice



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