

HIGH SPEED PARTS UNLOADING MACHINE !

HYRobotics proudly presents **MACH-II-400** Series Take Out Robots.

FOR 350 ~ 450 TONS IMM

Double Arm for 3 Plate Mold
 Traverse Stroke: **1700 mm** (AC Servo)
 Descent : **1100 mm** (Pneumatic)
 Kick Stroke : **300 mm** (Pneumatic)
 Chuck Rotation : **90 Deg.** (Pneumatic)
 Payload : 5 Kg

ISO 9001 , CE Certified

Control Features

- Manual , Auto, Step, 1 Cycle operation.
- For SPI Interface (Standard)
- Mode select. U type and L type, Nozzle or clamp side, In Mold Release, On Conveyor, Grinder, Chuck Rotation or not, etc.
- Each step has Timer Control for Optimum operation
- Mold Maintenance up to 99 Mold.
- Horizontal Stacking, Flee from Core in the Mold.
- Large LCD Screen show Input / output Information with On/Off Dot.
- Magnetic Back Plate on controller to reduce dropping by butter fingered.
- Standard SPI E-Stop Circuit.
- Comes with IMM Interface box with Bright RED LED to confirm Interlock.

Standard Features

- 4 Axis Traverse Robot ! (Traverse, Kick, Descent, Chuck Rotation)
- 1 Axis Servo Operation (Yaskawa Motor : Over 5 million installed)
- 3 Axis Pneumatic Operation (Festo : German Engineered Cylinder)
- User friendly , Standard and Famous HYNC-200 Control
- Over 100 Motion Patterns can be created 99 Mold Maintenance
- Standard SPI, Euromap 12 IMM Interface (Ready to Run)
- Fast, reliable and easy to maintenance.
- 1 Vacuum circuits with 2 Chuck Units with Verification sensor (4 Point Suction EOAT is included) and one HY sprue Gripper is included
- 90 Deg Chuck Rotation with low speed part release ensures part protection.
- Ready to Install / run by Customers who need a fast start-up.
- Comes with 2 Year Full Warranty. (Labor is 1 year)
- Quick payback of investment with Industry Best Price & Fast Delivery.

FESTO,
 German Engineered Actuator

Easy Adjustable Mechanical
 Stop for Precision Operation.

High Strength Flexible Cable Carrier for longer
 wire protection from repetitive operation in harsh
 condition

One size bigger shock ab-
 sorber ensure longer
 operation

Valve Box for Easy
 Access.

NSK Linear Motion Guide ensure low
 noise with smooth operation.
 No Maintenance required.

High Strength Steel Kick
 Frame with NSK
 Motion Guide

Sensor Confirmation Circuit
 Connector (Easy to Set up)

YASKAWA Servo Motor
 with Timing Belt Mechanism
 No more Backlash!

90 Deg. Chuck Rotation for
 protecting Finished Parts

4 Point EOAT and 1 Gripper included
 for Main Arm with Circuit.

Pneumatic Distribution
 Manifold (Easy to Set Up.)

Descent Prevent Safety Cylinder Installed
 on both Arms

For 3 Plate Mold, Sprue
 Picking.

Offset Nozzle Center

Steel Traverse Base Frame
 or Robust Operation

Less foot print with Body At-
 tached Control box

Air Regulator supply clean and
 regulated air to robot

Visual Inspection for Moisture
 Build up and Drain

Visual Alarm Light Confirms Error

All information is subject to change without notice.

HYRobotics Products are designed and manufactured in ISO 9001 plant in South Korea with CE Certified component. South Korea is country of Hyundai, Kia Automotive and Samsung, LG Electronics.



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