

COMPLETE ROBOTICS LINE FOR PLASTICS INJECTION MOLDING !

BEST OF THE BEST ! NEXIA SERIES !



NEXIA SERIES (Single or Double Arm)

- Molding Machine Size : 100 ~ 4,000 Tons
- Full Servo Robot up to 7 Axis AC Digital Servo.
- Single Arm Model : 3 Axis Servo with 2 Axis Servo Wrist.
- Dual Arm Model : 5 Axis Servo with 2 Axis Servo Wrist.
- Control : HYWIN 1.0 Control (10.4" Touch Screen).
- Application : Basic Take out, Stacking, Insert Over Molding, In Mold Labeling and Other 2ndary Automation
- Features : High Strength Steel Frame, Dual Arm Support for more payload, Low Noise NSK Liner Motion Guide, Yaskawa Servo Motors, Telescopic arm (Low Ceiling), Body Attached Control Box (Less Space).
- High Quality Components, ISO 9001 Quality Production.

HYBRID SERIES (Double Arm Model)

- Molding Machine Size : 200 ~ 1,300 Tons
- Double Arm Model : Full Servo for Main Arm, Air for Sub Arm
- Control : HYNC-700 (5.4" Touch Screen).
- Application : Basic Take out, Stacking, Insert Over Molding, In Mold Labeling and Other 2ndary Automation, Sprue Picking
- Features : Same as NEXIA Series except Sub Arm is Operated by Festo Actuator. (Pneumatic for Kick and Descent of Sub Arm)



FULL SERVO WITH AIR SPRUE PICKER ! HYBRID SERIES !

PRACTICAL, ESSENTIAL ! VECT SERIES !



VECT SERIES (Single or Double Arm)

- Molding Machine Size : 100 ~ 3,000 Tons
- Servo Motor for Traverse and Kick, Pneumatic for Descent.
- Control : HYNC-200 (Handy Controller, Soft Key Touch).
- Application : Basic Take out, Horizontal Stacking
- Features : High Strength Steel Frame, Dual Arm Support for more payload, Low Noise NSK Liner Motion Guide, Yaskawa Servo Motors for Traverse, Kick Axis, Festo Cylinder for Descent, Chuck Rotation, Telescopic arm ,Body Attached Control Box (Less Space).

HIGH SPEED! LOW PROFILE MACH SERIES !



MACH SERIES (Single or Double Arm)

- Molding Machine Size : 200 ~ 400 Tons : Non-Telescopic
- Servo Motor for Traverse, Pneumatic for Descent, Kick
- Control : HYNC-200 (Handy Controller, Soft Key Touch).
- Application : High Speed Parts Unloading Application.



HYNC-200 Control

Versatile but simple and easy to Control.
Input / Output on large LCD Screen and Interlock Signal.
Manual, Auto, Step, 1 Cycle
99 Mold File, Timer Control.

**ISO9001
QUALITY**

APPROVED

SIMPLICITY ! AFFORDABLE ! HIT SERIES !



HIT SERIES (Single or Double Arm)

- Molding Machine Size: 100~300 Tons: Non-Telescopic
- Servo Motor for Traverse, Pneumatic for Descent, Kick
- Control : HYNC-200
- Application : Basic, Light parts unloading Application

HYROBOTICS CORP. (WWW.HYROBOTICS.COM)
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COMPLETE ROBOTICS LINE FOR PLASTICS INJECTION MOLDING !

SINGLE ARM TOPIV SERIES !



ISO9001
CE Certified

APPROVED

TOPIV CONTROL
HYNC-200-TOPIV

Mechanical Features (More Features than any other Sprue Pickers)

- Molding Machine Tonnage : 30 ~ 450 Tons. (Single Arm)
- Single Arm Descent Stroke: TOPIV 300, 450, 550, 650, 750, 950
- Molding Machine Tonnage : 100 ~ 280 Tons. (Double Arm)
- Double Arm Model : TOPIV-TWIN 550, 650, 750 (3 Different Model)
- Sprue Picking or Simple Parts Picking Application.(Chuck, Chuck Rotation and Vacuum Circuit)
- All Pneumatic, FESTO Cylinder (German Engineered Actuator).
- SPI Standard Safety and IMM Interface (Euromap 12).
- Quick One Touch Stroke Control. (Up/Down, Kick, Swing Angle)
- Secure Air Electric Line, Easy to Access for Maintenance.
- Body Attached IMM Interlock Box. (Red Bright LED)
- Quick Picker Position Change for Mold Change.
- Quick Off Center Sprue Adjustment.
- Quick Ascent Complete Position Change (For Large Sprue)
- CE Certified Electrical Component, ISO 9001 Quality Production

DOUBLE ARM TOPIV-TWIN !



Control Feature (Convenient than any other Sprue Pickers)

- Magnetic Pendant Base : No More Drop (Attachable on the IMM Door)
- J Motion with Timer Control. (Save 0.5 Sec)
- Large and Clear LCD displays.
- LCD displays Manual, Auto, Step, Timer, Input/Output with Icon or Simple word. (Molding Machine Signal also Display in the Handy Controller or Body Attached Interlock Box with Bright Red LED)
- Create Motion Pattern or Select Motion Pattern that is in Control.
- Timer Can be changed during Auto Mode
- Mold Maintenance save up to 99 Mold.
- CE Certified electrical Components
- Clamp Side or Nozzle Side, L or U Motion Type, In Mold Release or Out side for Auto Motion Pattern Create
- E-Stop Circuit is SPI Standard.
- Soft Touch Button and Hard Plastics Case.
- Single Arm and Double Arm for 3 Plate Mold.

FINAL

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