

RELIABILITY , FLEXIBILITY & SPEED !

HYRobotics **ZEST-II** Series Take Out Robots, 3 Axis AC Digital Servo.

FOR 150 ~ 1100 TONS IMM

- **ZEST-II Series Robot**
- **FOR 50 ~ 1100 TONS IMM**
- **3 ~ 5 Axis AC Servo Motor**
- **Telescopic Arm**

Timing Belt Mechanism
No more Backlash!
No Greasing Required.

Panasonic AC servo Motor for all 3-5 Axis

ISO 9001 CE Certified

High Strength Flexible Cable Carrier for longer wire protection from repetitive operation in harsh condition for all 3 Axis

Sub Arm for 3 Plate or Stack Mold (Option)

Valve Box for Easy Access

Control Features

- Manual , Auto, Step, 1 Cycle operation.
- For SPI Interface (Standard) or Non SPI Interface.
- Basic 4 Position for safety, Waiting, Take out, IMM Start, Release Position.
- Can add up to 80 steps in addition of basic steps including position, motion (Vacuum, Chucking), input delay, output signal to secondary automation
- Each step has Timer Control for Optimum operation
- Mold Maintenance up to 99 Mold.
- Stacking, Insert Molding is on program.
- Large 5.7" touch Screen show current operation, manual, step, full auto screen.
- Standard SPI E-Stop Circuit.
- Body Attached Control and IMM interface box minimize foot print

Standard Features

- 4 Axis Traverse Robot ! (Traverse, Kick, Descent, Chuck Rotation),
- 3 Axis Servo Operation (Panasonic : Over 5 million installed)
- 1 Axis Pneumatic Operation (Festo : German Engineered Cylinder)
- User friendly , Standard and Famous HYNC-700 Control
- Up to 80 Steps can be created for 1 mold, 99 Mold Maintenance
- Standard SPI, Euromap 12 IMM Interface (Ready to Run)
- Fast, reliable and easy of maintenance with flexible programming.
- 2 Vacuum circuits with 2 Chuck Units with Verification sensor
- (4 Point Suction EOAT is included) and one HY sprue Gripper is included.
- 8 User input and Output for communication with other Aux.
- Reject Signal allow separate parts to other location.
- 90 Deg Chuck Rotation release ensures part protection.
- Ready to Install / run by Customers.

High Strength Linear Motion Guide ensure low noise with smooth operation.

Steel Traverse Base Frame for Robust Operation

EASY TO USE , HYNC 700 CONTROLLER, POPULAR IN NORTH AMERICA



Less foot print with Body Attached Control box

Sensor Confirmation Circuit Connector (Easy to Set up)

90 Deg. Chuck Rotation for protecting Finished Parts

Pneumatic Distribution Manifold (Easy to Set Up.)

High Strength Aluminum Extrusion Kick Frame With Precision Linear Motion Guide

LED Cycle Counter Display



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All information is subject to change without notice., Picture shows ZEST-II-300D Model