

DEMANDING FLEXIBILITY, SPEED & RELIABILITY !

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

FOR 150 ~ 350 TONS IMM

Single Arm Robot : ZEST-300S
 Traverse Stroke: **1500 mm** (AC Servo)
 Descent : **1050 mm** (AC Servo)
 Kick Stroke : **860 mm** (AC Servo)
 Chuck Rotation : **90 Deg** (Pneumatic)
 Payload : 3 Kg

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

Genuine YASKAWA servo
 Motor for all Axis

High Strength Aluminum
 Extrusion Kick Frame
 With Precision NSK Linear
 Motion Guide

YASKAWA Servo
 Motor
 with Timing Belt
 Mechanism
 No more Back-
 lash!

Sensor Confirmation Circuit
 Connector (Easy to Set up)

90 Deg, Chuck Rotation for
 protecting Finished Parts

Less foot print with Body At-
 tached Control box

ISO 9001 CE Certified

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
- Jog button allow to easy set up position.
- 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
- Touch Set up has Jog button to maximize efficiency of position et up
- Standard SPI E-Stop Circuit.
- Body Attached Control and IMM interface box minimize fool print

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

Steel Traverse Base Frame
 for Robust Operation

Standard Features

- 4 Axis Traverse Robot ! (Traverse, Kick, Descent, Chuck Rotation)
- 3 Axis Servo Operation (Yaskawa Motor : 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.
- 1 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.
- Unlimited Telephone Technical support.



HYROBOTICS
 한양로보틱스(주)

ZEST-200DY

Pneumatic Distribution
 Manifold (Easy to Set Up.)

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. All information is subject to change without notice. Picture may vary for quality improvement

HYROBOTICS

HYROBOTICS CORP. (www.hyrobots.com)
5988 Mid Rivers mall Dr. ST.LOUIS, MO 63304
Tel : 1-636-578-6059, Fax : 1-866-232-5594

GET A REAL ZEST FOR YOUR MOLDING AND LIFE ?



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