



Heartful Technology  
**Yushin**

# K 2010 Yushin Exhibit Preview:

- High-Speed Robots for Your High Productivity -

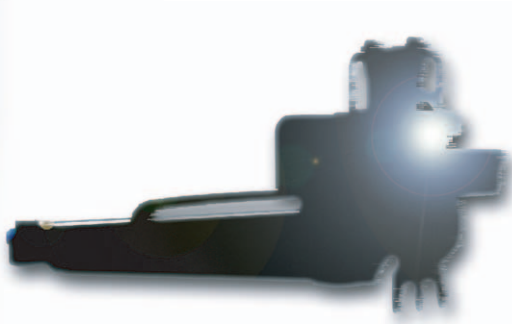
High-Speed is the concept for Yushin's exhibit at K2010.

Our booth will feature the world premier of two take-out robots with global top-class speed, newly developed to improve our customers' production capacities.

Both the Super High-Speed Top-Entry robot and the High-Speed Side-Entry robot were designed using Optimum Design Technology to maximize both High-Speed Performance and Environment-Friendliness. Visit Yushin's booth to see the robots unveiled for the first time, in live operation atop running molding machines.

## #001 New High-Speed Top-Entry Robot

Yushin R&D, in hot pursuit of faster robot speed, shorter mold-open times, and higher arm stability, has succeeded in developing this new high-speed top-entry take-out robot with world-class speed. For all molders with high-cycle, high-speed applications.



**Speedy** Speedier, lighter-weight robot design

**Slim** Slim arm and wrist flip unit produced with Optimum Design Technology

**Stable** Active Vibration Suppression system ensures steady, smooth take-outs

## #002 New High-Speed Side-Entry Robot

This new high-speed side-entry take-out robot was conceived for clean-rooms and low-clearance ceilings. Yushin is also proud to introduce our Total System Solution package, which bundles an optional Receiving Device together with this robot. Designed especially for medical and packaging molders.

**Speedy** New mechanics produce higher speeds

**Clean** Conceived for low-ceiling and clean-room environments

**Total System** Continuous system where one controller integrates control of take-out and subsequent operations



## ECO Vacuum (PAT.P)

- Monitors air pressure while robot suction-grips parts and only turns on air lines when necessary -

**Lowers Electricity Bills**

**Reduces Equipment Cost**

**Helps Protect the Environment**

< Benefits >

- Lower equipment cost for air compressors (models with air capacity 1- or 2-sizes lower may serve where more expensive models were required before.)
- Add more robots to your plant without having to add more air compressors!

*Please visit the Yushin booth for more information.*

## E-Touch II Controller

- Controller developed in pursuit of ever greater ease of use -

**Large, Highly Visible Monitor**

**Extra Tough Construction**

**Easy Operation**

- 10.4 inch, full-color touch panel
- Rubber shock panels on each side of the controller help cushion accidental drops.
- IP44\* Rating for Dust and Moisture Resistance
- Directional pad makes navigating easy.
- Settings and menus are icon-based.
- Audio Guidance gives vocal cues to support complex operations.

\* International IP (Ingress Protection) Rating Solids Rating: 4 (protection from tools, small wires, etc. with a diameter or thickness greater than 1.0mm) Moisture Rating: 4 (all-around protection from splashed water)

## Optimum Design End-of-Arm Tool (patented)

- Developed with the Research Cooperation of Kyoto University -

**Enables higher take-out speeds**

**Allows smoother, steadier take-out of molded parts**

**Helps increase production capacity**

### Yushin Booth Information

Event : K 2010  
The 18th International Plastics and Rubber Trade Fair

Date : October 27 - November 3, 2010

Show Venue : Messe Dusseldorf, Dusseldorf, Germany

Booth Location : **Booth E51 in Hall 12** (Co-exhibiting with Polymac B.V.)

Yushin RC Series Robots will also be displayed in  
**Polymac B.V. : Booth B57 in Hall 11.**  
**Stork Plastics Machinery B.V. : Booth D72 in Hall 13.**

The Yushin Team sincerely looks forward to your visit ! For more information, please contact :