



## ◆ ATTACHMENT PARTS

YPE has a wide range of parts to help users easily manufacture EOATs.

◆ Inquiries, orders and catalog requests contact YPE's sales department.



Safety Warning

- The parts appearing in this catalog are for industrial robots defined by Japan's Ordinance on Industrial Safety and Health. Use them as stipulated in the safety provisions of that same ordinance.
- The photographs appearing in this catalog were taken without safety enclosures and other safety devices and equipment required by the aforementioned ordinance, in order to make product explanations easier to understand.
- Before using the product, prepare and install all required safety devices and equipment. Before using the products appearing in this catalog, carefully read all instruction manuals and other documentation provided with the product, to ensure proper use.

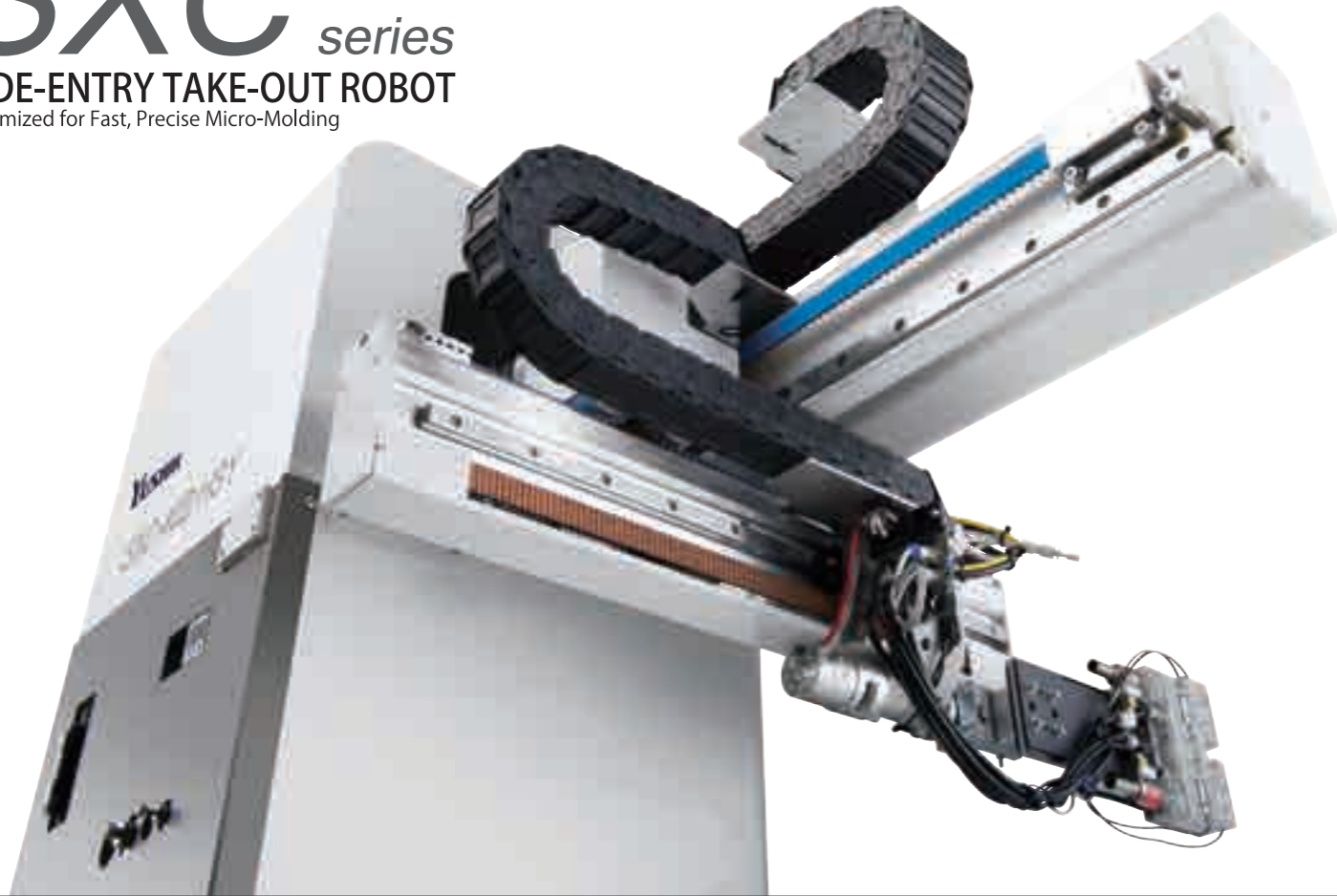
\*The content of this catalog is subject to change without notice for improvement purposes.

Yushin seeks a healthy coexistence with the planet throughout all of our business activities, including developing, employing, and promoting ergonomic and environmentally-friendly technologies.

# SXC series

## SIDE-ENTRY TAKE-OUT ROBOT

Optimized for Fast, Precise Micro-Molding



**NEW**

Super High-Speed Type

## SXC-10II/40II-HSY

### New High Performance Model



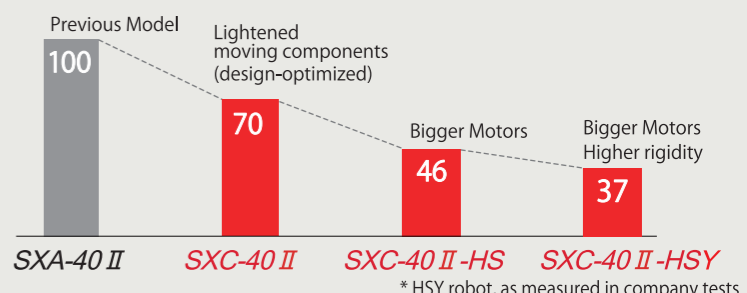
Yushin enhanced our *SXC-10II/40II* robots for even higher performance, with shorter take-out time and better vibration damping. Boost your molding productivity with these **super high-speed robots**.

※Coming Sept 2015

**High-Speed** Built for speed, with larger motors and higher rigidity

**63%**  
63% faster cycle time\*

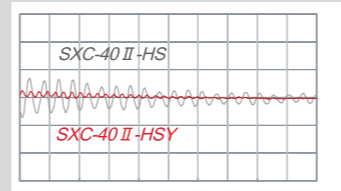
### Take-out Time Reduction



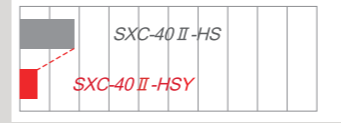
### Anti-Vibration Technology

Design optimization and anti-vibration controls reduced oscillations by 68%

**68%**  
68% less vibration than previous model



※Comparison of vibration oscillations (traverse plane)



※Comparison of vibration magnitude (traverse plane)

### Shorter Timers

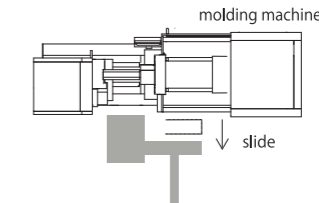
Less shake means shorter wait timers, allowing for faster overall molding cycles.

### Smooth, Stable Take-out

The SXC maintains smooth take-out, handling, and release motions even at high speeds – ideal for high-precision molding.

### Easier Maintenance (PAT)

The SXC features a unit slide mechanism for easier maintenance and mold changes.



SXC-10II/40II-HSY

### E-touch Lite II



User-friendly, powerful control

- 7.5inch full-color touchscreen
- Lead Through Teaching equipped standard

## SXC-10II/40II

## SXC-10II/40II-HS

### Standard specifications

Power source	Driving method	Control method	Air pressure	Wrist flip angle
Single phase AC200V (50/60Hz)	Digital servo motor 2-axis	Micro computer control	0.49MPa Maximum air pressure 0.7MPa	90°

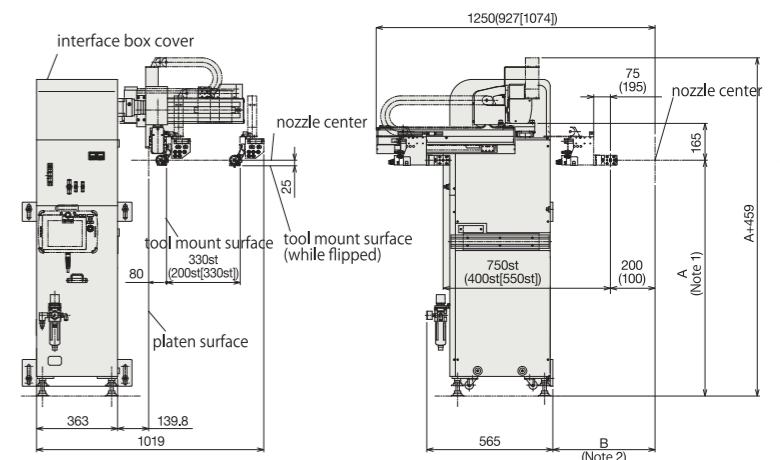
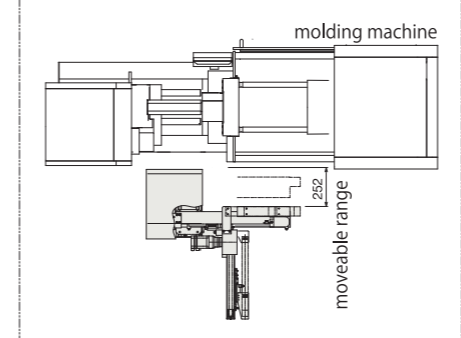
### Specification

Model	Power Consumption	Traverse stroke (mm)	Kick stroke (mm)	Air consumption (NL/min)	payload (kg)	Clamping force (tf)
SXC-10 II	0.5kVA AC200V 2.5A	400 [550]	200 [330]	15 : suction ejector type 0.5 : suction blow-off type 3.0 : suction grip type	1	5~15
SXC-10 II-HS	1.3kVA AC200V 6.3A					
SXC-40 II	0.7kVA AC200V 3.5A	750	330		2	15~40
SXC-40 II-HS	1.3kVA AC200V 6.3A				1	

[ ] = Modified traverse stroke payload includes the end-of-arm-tool.

### Dimensions(mm)

<Unit Slide Feature> (optional)



Note 1: A = measurement from floor to IMM nozzle center  
Note 2: B = measurement to IMM nozzle center  
Note 3: measurements in ( ) are for SXC-10II measurements in [ ] are for modified stroke option

**NEW**

Super High-Speed Type

## SXC-10II/40II-HSY

### Standard specifications

Power source	Driving method	Control method	Air pressure	Wrist flip angle
3 phase AC200V (50/60Hz)	Digital servo motor 2-axis	Micro computer control	0.49MPa Maximum air pressure 0.7MPa	90°

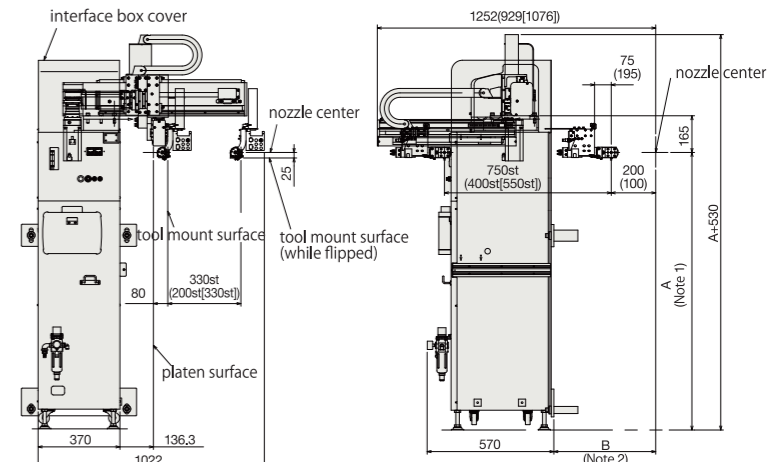
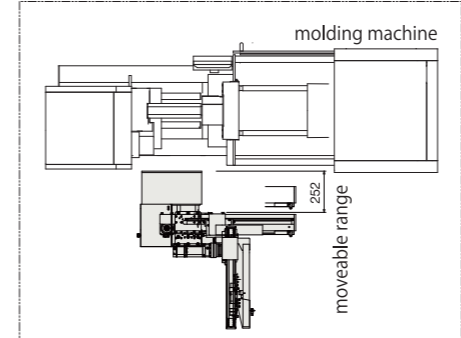
### Specification

Model	Power Consumption	Traverse stroke (mm)	Kick stroke (mm)	Air consumption (NL/min)	payload (kg)	Clamping force (tf)
SXC-10 II-HSY	1.8kVA AC200V 5.1A	400 [550]	200 [330]	15 : suction ejector type 0.5 : suction blow-off type 3.0 : suction grip type	1	5~15
SXC-40 II-HSY		750	330			

[ ] = Modified traverse stroke  
Air consumption test conditions: vacuum on for 2s, vacuum blow-off on for 0.5s per cycle.  
payload includes the end-of-arm-tool.

### Dimensions(mm)

<Unit Slide Feature> (optional)



Note 1: A = measurement from floor to IMM nozzle center  
Note 2: B = measurement to IMM nozzle center  
Note 3: measurements in ( ) are for SXC-10II-HSY [ ] = SXC-10II-HSY w/ modified stroke option