

All-Axis
Servo Driven
Type

Swing Type

Side Entry
Type

For Vertical
Molding
Machine

Stock System

Product
Series
Guide [P11]

HOP Five 450/550/650/750/900/1000

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Culmination of years of swing type take-out robot development and refining

A compact body packed with functions



For CE supported languages,
Please contact our sales
department.
The photo shows the CE
specification.

Clamping force 30 - 350 tf

Air-driven

Reliable Stability with Compact Body

It offers a compact design with integration of robot body and control mechanism including the power supply and control panel. It is applicable even for high-speed molding with stable take-out operation thanks to its robust body.

Efficient Design

It also offers efficient operation because its design allows operators to do all of the main adjusting operations, including stroke adjustments, at the operator side of molding machines.

Sophisticated Appearance

The housing cover is painted Yushin corporate blue, with color-coded piping and a user-friendly shape composed of curved surfaces and lines. Select from two types of controllers according to your application.

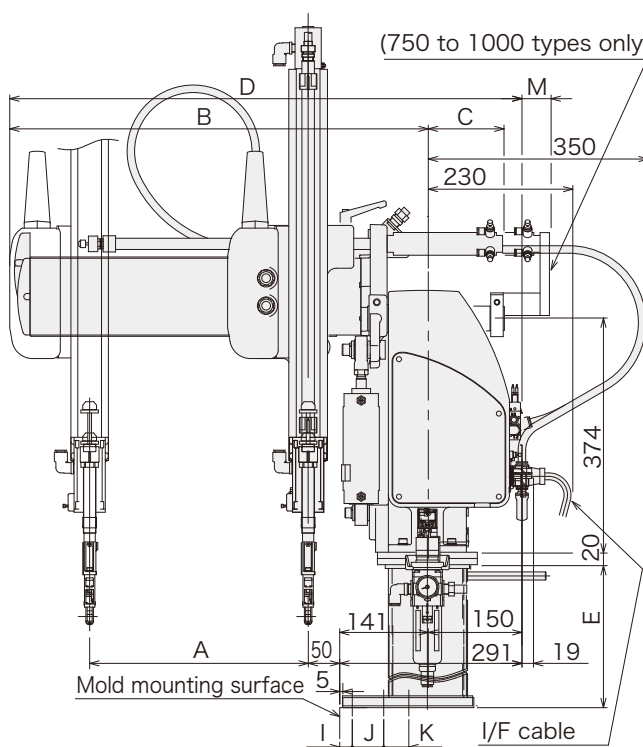
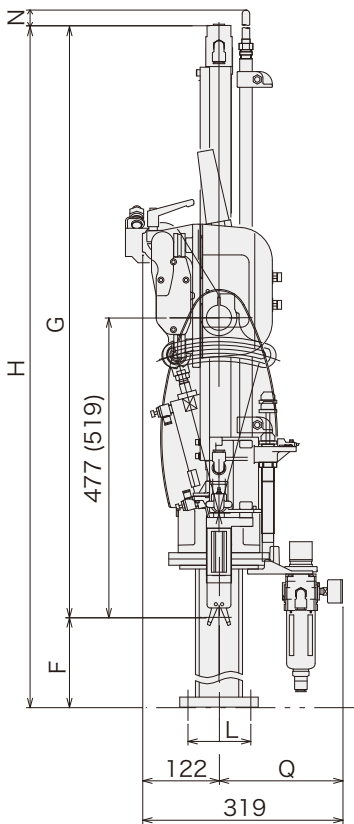
Standard Specifications

Power supply		Drive method			Controller model*		Working air pressure		
1-phase 200 VAC / 220 VAC (50/60 Hz)		Air cylinder 3-axis			GII B-type controller/ CH-type controller		0.49 MPa		
Model	Power consumption	Stroke			Chuck position [mm]	Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
		Vertical[mm]	Kick[mm]	Swing					
HOP Five 450	0.06 kVA 200 VAC/ 220 VAC 0.3 A	450	90	Min.50° Max.90°	Range 114	11	2	85.2	30-350
HOP Five 550		550				13			
HOP Five 650		650				15			
HOP Five 750		750	150		Range 48	18			
HOP Five 900		900				21			
HOP Five 1000		1000				23			

* Select a GIIB-type controller for CE compliance.
X, XC, and XN Specifications are available.
Payload includes the end-of-arm tool.

Separate catalog available

Dimensional Drawings [mm]



[mm]															
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Q
HOP Five 450	350	662	121	811	250 (350)	167 (225)	845(887) <854> <896>	1012(1112) <1021> <1121>	20	50	40	100	—	259 <249>	197
HOP Five 550							945(987) <954> <996>	1112(1212) <1121> <1221>							
HOP Five 650							1045(1087)	1212(1312)						259	
HOP Five 750	620	992	181	1141	350 (450)	267 (325)	1192(1234)	1459(1559)	25	60	60	128	47	161	222
HOP Five 900							1342(1384)	1609(1709)							
HOP Five 1000							1442(1484)	1709(1809)							

() : X Specification < > : High-Speed Specification < > : X High-Speed Specification

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