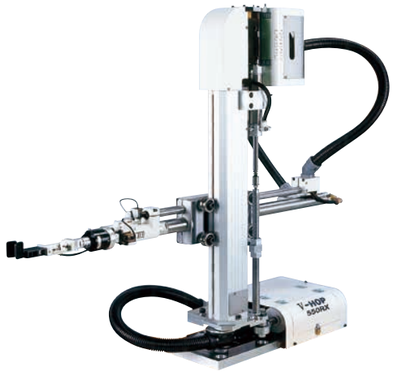
V-HOP350/450/550/650/750/900

Runner take-out robot for vertical molding machines
Adjust the top and bottom halves of the mold and the release position from the settings



Clamping force 20 - 150 tf

Air-driven

Runner Take-Out Robot for Vertical Molding Machines

V-HOP series robots are ideally suited to runner take-out from small vertical molding machines.

Swing Feature

Runner release location can be set by adjusting the swing angle between 60 and 90 degrees. (R, RX specifications)

Take-Out from Lower or Upper Side of Mold

A simple adjustment made to its operating settings allows the V-HOP to perform take-out from either the upper or lower side of molds.

Standard Specifications

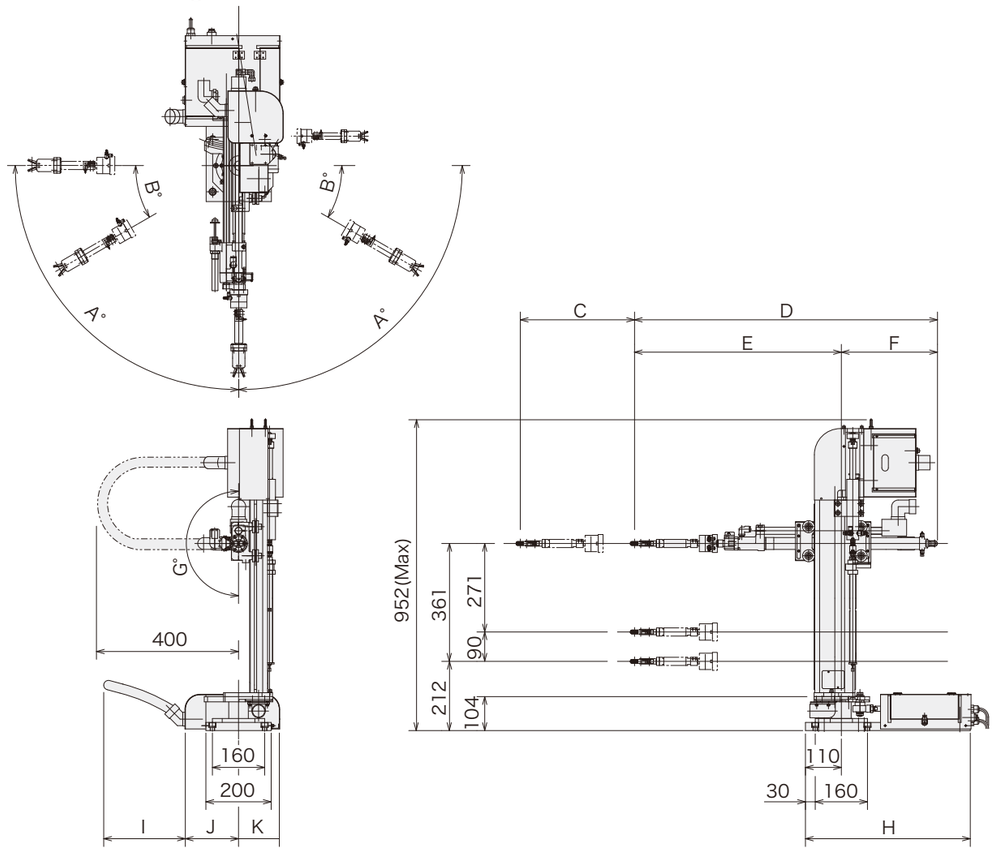
Power supply	Drive method	Controller model	Working air pressure
1-phase 200 VAC (50/60 Hz)	Air cylinder 2/3-axis	CH-type controller	0.49 MPa

Model	Power consumption	Stroke			Chuck position [mm]	Air consumption [NL/cycle]		Payload [kg]	Target IMM clamp capacity [tf]
		Entry[mm]	Vertical[mm]	Horizontal rotation		No horizontal rotation	With horizontal rotation		
V-HOP350	0.05 kVA 200 VAC 0.25 A	350	90	60°-90°	Range60	8	12	1.5	20-150
V-HOP450		450				10	14		
V-HOP550		550				12	16		
V-HOP650		650				14	18		
V-HOP750		750				16	20		
V-HOP900		900				19	23		

Payload includes the chuck.

Separate catalog available

Dimensional Drawings [mm]



[mm]

Model	A	B	C	D	E	F	G	H	I	J	K
V-HOP (No swing/No flip)	–	–	350 (450) [550] 〈650〉 〈〈750〉〉 [[900]]	817 (917) [1017] 〈1117〉 〈〈1217〉〉 [[1367]]	522	295 (395) [495] 〈595〉 〈〈695〉〉 [[845]]	–	330	–	100	100
V-HOP-X (No swing/With flip)				928 (1028) [1128] 〈1228〉 〈〈1328〉〉 [[1478]]	634		180				
V-HOP-R (With swing/No flip)	90	30		817 (917) [1017] 〈1117〉 〈〈1217〉〉 [[1367]]	522		–	505	137	163	125
V-HOP-RX (With swing/With flip)				928 (1028) [1128] 〈1228〉 〈〈1328〉〉 [[1428]]	634		180				

( ):450type [ ]:550type 〈 〉:650type 〈〈 〉〉:750type [[ ]]:900type
The B dimension in the illustration indicates the range within which the rotation angle can be adjusted.