

PHOENIX SERIES Injection Robot Arm

Brief Introduction

The Phoenix series is a swing-arm robots which is applicable to all types of Horizontal Injection Machine ranges from 30T to 280T.

General Specification

Power Source	Power Capacity	Working Pressure	Max. Allowed Pressure	Drive System
1ΦAC 220V±10V 50/60Hz	0.2 KVA	5Kgf/cm ² 0.49 Mpa	7Kgf/cm ² 0.7 Mpa	Pneumatic Cylinder

Main Specification

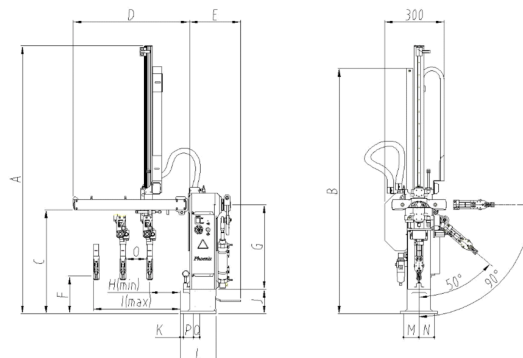
Model	P450V	P650V/WV	P850WV
Recommended I.M.M.	30 – 60 ton	50 – 160 ton	160 – 300 ton
Vertical Stroke	450 mm	650 mm	850 mm
Crosswise Stroke	120 mm	120 mm	200 mm
Swing Angle	60 – 90°	60 – 90°	60 – 90°
Dry Take Out Time	1.7 sec	1.7 sec	1.9 sec
Max. Loading	2 kg	2 kg	2 kg
Dry Cycle Time	4.5 sec	4.5 sec	5.8 sec
Air Consumption	11 NL/cycle	14 NL/cycle	14 NL/cycle
Net Weight	29 kg	30 kg	41 kg

Model Denote:

D: Product Arm + Runner Arm (Double Arm), **I:** Single Stage, **W:** Telescopic Type

V: with vacuum generator and vacuum jig (these models require additional air consumption of 10 NL/cycle)

Dimension



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
P450	1160	980	508	550	260	195	420	80	420	120	15	175	75	75	60	50	30
P650	1350	1200															
P650WV	1130	910															
P850WV	1250	1010															

*Note: We reserve the right to change specifications without prior notice.