

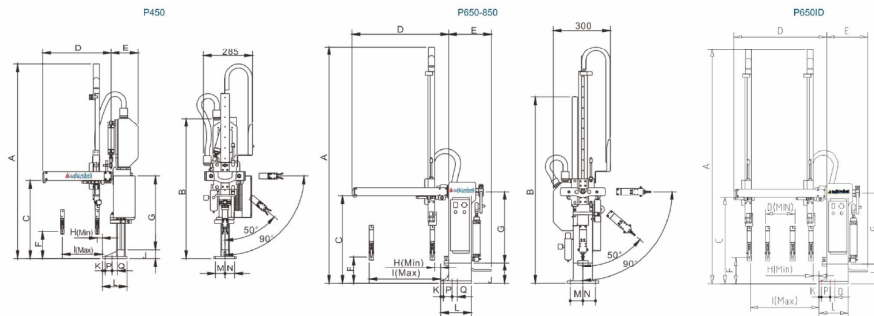
General Specification

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

Main Specification

Model	P450V	P650V/WV	P850WV	P650IDV
Recommended I.M.M.(ton)	30-60	50-160	160-300	50-150
Vertical Stroke(mm)	450	650	850	650
Crosswise Stroke(mm)	75	120	200	120
Swing angle (degree)	60-90			
Dry Take Out Time(sec)	1	1	1.2	1.7
Max. Loading(Kg)	1.5	2	2	2
Dry Cycle Time(sec)	4	4.2/4.4	5.2	4.4
Air Consumption(NL/cycle)	10	13/12	14.5	12
Net Weight(kg)	31	36/48	52	54

Model denoted: 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)



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q
P450	1160	930	300~460	395	150	0~150	280~430	40	230	50		145	55	55	40	
P650	1350	1180		550		180		70	370		15	180	90	60		30
P650W	1130	930	500		260	160	410		330						50	
P850W	1250	1050		650				80	430	150	15	175	75	75		
P650ID	1360	1205	520	670		260	420									

All statements here subject to change without advance notice.



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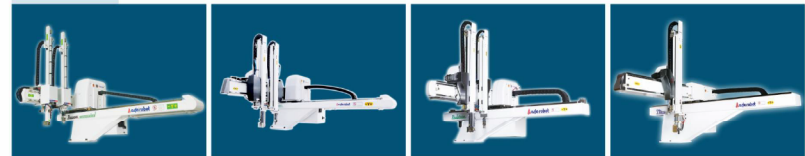
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Swing - arm robots

Phoenix series

Single Stage P450/650 Telescopic P650/850W



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Phoenix series

Swing - arm robots

Swing - arm robots

Super Economy; High Speed; High Efficiency; Long Use Life; Low Noise

Phoenix series is applicable to all types of horizontal injection machine of 30T to 300T for take-out of products and sprues. Models are 450/ 650/ 850 with single stage arm or telescopic arm. Vertical stroke is 450mm to 850mm. Phoenix series is used for two-mold-platen to take out sprue. Optional function is with vacuum generator and vacuum jig to take out sprue and product. Rotation wrist structure is to rotate product 90 degree. Installation of this robot will increase productivity (20 to 30%), reduce defect rate, ensure safety of operators, reduce manpower and accurately control the output to reduce waste.

Arm Structures:

Apply advanced imported high rigidity linear guide. Light high rigidity alloy aluminum extrusion beam applied in vertical axle, realizes high speed, high efficiency, low vibration and life expectancy of the machine. Optimum grouped design, high inter-changeability between all parts and components.

Left-right rotating structure:

To change placing sprue or product direction, the user only needs to adjust screw without changing air pipe and magnetic switch.

Rotation wrist structure:

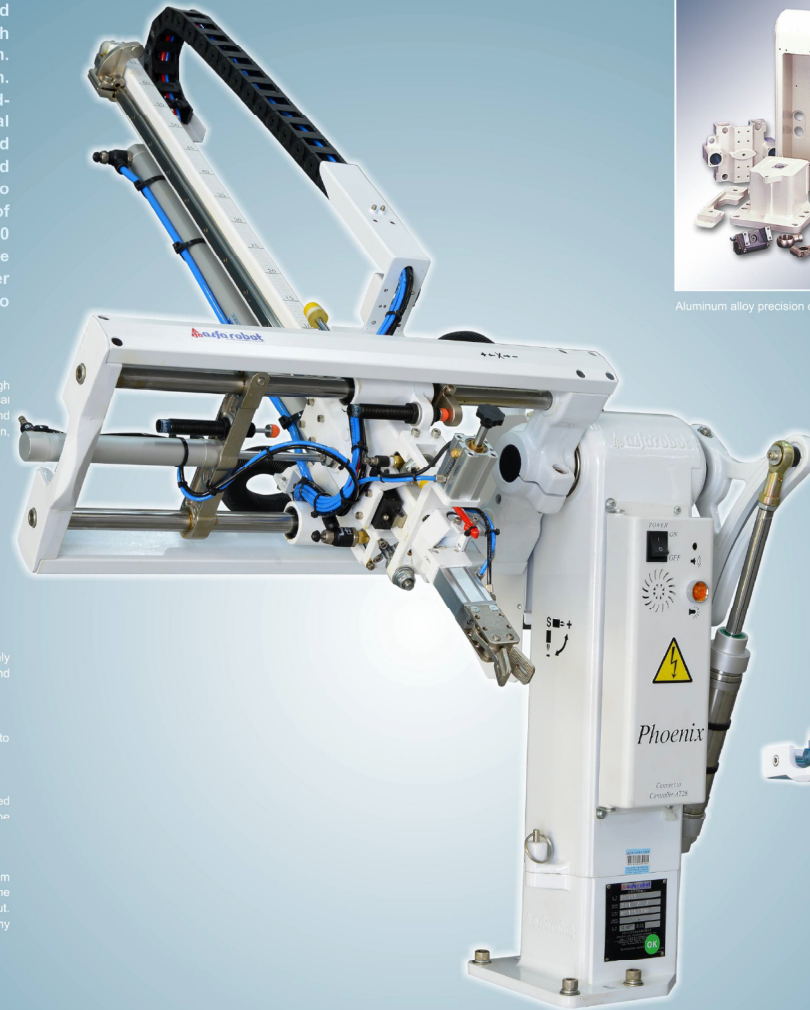
With rotation wrist structure, gripper can rotate 90 degree to place product.

Mold change adjusting structure:

While changing mold, user only needs to loosen the fixed handle and the robot can rotate 90 degree to increase the mold-changing efficiency.

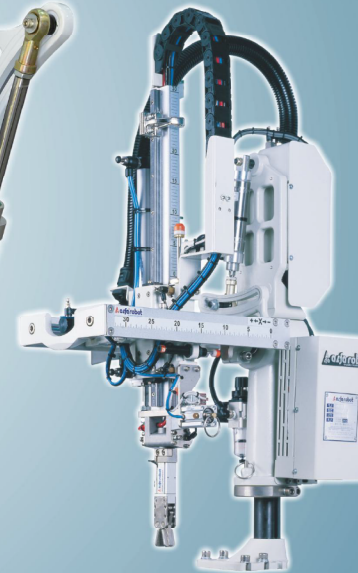
Jig circuit:

With vacuum generator and vacuum jig function, the vacuum circuit is reserved to take out product and sprue at the same time. This can be applied to multi-cavities products take-out. With single function is to grip the sprue out without any vacuum function.

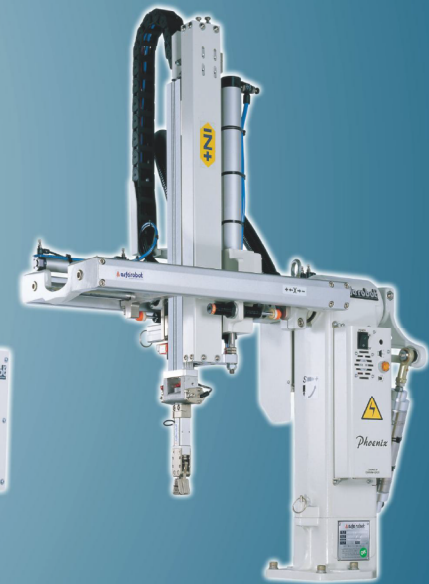


Aluminum alloy precision casting

P450 for 30T to 60T



Telescopic type



- Palm controller applies user-friendly dialogue type operation interface with interchangeable English or other language menus.
- 8 set built-in standard programs, it can also save up to 12 set teachable program to achieve manufacture requirement.
- 50 groups of moulding memorizing function to save mould changing setting adjustment.
- Automatically inspect failures, display them on the screen and automatically records.
- With manual operation, all the input and output contacts will be showed on controller. It is easy for maintenance.
- LED displays important signals, such as safety gate, mould open finished, enable mould close, ejector or product detector.
- Reserved outputs can be connected to other automatic equipments, such as conveyor, spraying device or air nipper.
- Timer and counter can be set or changed under automatic state, saving time in machine regulation.
- CE models are available, complying with EUROMAP 12 or 67 standard and attached with standard connectors.