



Maximum Productivity with Practical function.!HYRobotics MAX Series!



ISO 9001:2000

MAX Series

MAX 600S~800S & MAX 600D~800D
MAX 600SA~800SA & MAX 600DA~800DA



MAX Series

Limitless challenges to new technology show the reality of high technology. MAX Series.!



Features

- » Injection Molding Machine : For 450 ~ 900 tons Horizontal
- » Servo Motor Axis : Max. 3 Axis
- » Motion Guide : High Strength and Low noise LM Guide on all Axis
- » Kick (Reach) Frame : Double Support Type
- » Vertical Arm Structure : Telescopic Arm (2 Step)
- » Main Controller Location : Body Attached (Less foot print)
- » Traverse and Kick : AC Digital Servo Motors
- » Descent : Pneumatic Actuator

Standard Features

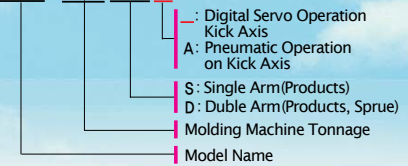
- » Take out Arm (Main Arm, Sub Arm or Both)
- » Take Out : With Vacuum, Chucking or Vacuum and Chucking
- » Chuck Confirm (Use or No Use)
- » Outside Waiting (Use or No Use)
- » Take Out Motion (L Motion or U Motion)
- » Main Arm Descent (From Fixed Platen or Moveable Platen)
- » Sub Arm Descent (From Fixed Platen or Moveable Platen)
- » Chuck Rotation (No Rotation, Before or After Traverse, No Kick, In Traverse)
- » Main Arm Open (Standard, In Mold or No Descent)
- » Sub Arm Open (Standard, In Mold, In Traverse or In Return)
- » Ejector Control (Use or No Use)
- » Alarm Control (Use or No Use)
- » Multi Point Open (Maximum 99 Point on Traverse Side)
- » Multi Stage Open (Maximum 4 times)
- » Mold Close Delay (Use or No Use)
- » Undercut (No Use, with Actuator or With Traverse)
- » Process Time (Up to 99 Seconds)

Optional Features

- » Pitch Open (Use or No Use)
- » Vertical Rotation (No Use, In Mold, After Traverse, In Mold + After Traverse)
- » Nipper with Equipment (No Use, with Robot, External 1, External 2)
- » Additional Gripper (No Use, in Mold, Runner Open, Position)

Model Description

MAX-600D(S)A



Technical Specification MAX-600S/D MAX-800S/D

Power	Motion Control			Control Method	Normal Pneumatic Pressure	Max. Pneumatic Pressure	Chuck Rotation
	Traverse	Kick(Reach) Stroke	Ascent /Descent				
1phase AC 220V (50/60Hz)	Digital Servo Motor	Digital Servo Motor	Pneumatic Actuator	Micro Computer	6 kgf/cm ²	8 kgf/cm ²	90°

Model	Traverse Stroke	Ascent/Descent(mm)		Kick(Reach) Stroke		Air Consumption [(normal) /Cycle]	Electric Consumption	Maximum handling capacity
		Main Arm	Sub Arm	Main Arm	Sub Arm			
MAX - 600S	2000	1300	-	1128	-	26	단상 AC 220V S : 6.5A (Max) D : 8A (Max)	Up to 5 kgf
MAX - 600D			1300	993	993	35		
MAX - 800S	2500	1600	-	1342	-	42	단상 AC 220V S : 6.5A (Max) D : 8A (Max)	Up to 10 kgf
MAX - 800D			1600	1149	1149	51		

Technical Specification MAX-600SA/DA MAX-800SA/DA

Power	Motion Control			Control Method	Normal Pneumatic Pressure	Max. Pneumatic Pressure	Chuck Rotation
	Traverse	Kick(Reach) Stroke	Ascent /Descent				
1phase AC 220V (50/60Hz)	Digital Servo Motor	Digital Servo Motor	Pneumatic Actuator	Micro Computer	6 kgf/cm ²	8 kgf/cm ²	90°

Model	Traverse Stroke	Traverse		Kick(Reach) Stroke		Air Consumption [(normal) /Cycle]	Electric Consumption	Maximum handling capacity
		Main Arm	Sub Arm	Main Arm	Sub Arm			
MAX - 600SA	2000	1300	-	450	-	28	1phase AC 220V 5A (Max.)	Up to 5 kgf
MAX - 600DA			1300	450	200	38		
MAX - 800SA	2500	1600	-	500	-	44	1phase AC 220V 5A (Max.)	Up to 10 kgf
MAX - 800DA			1600	500	200	54		

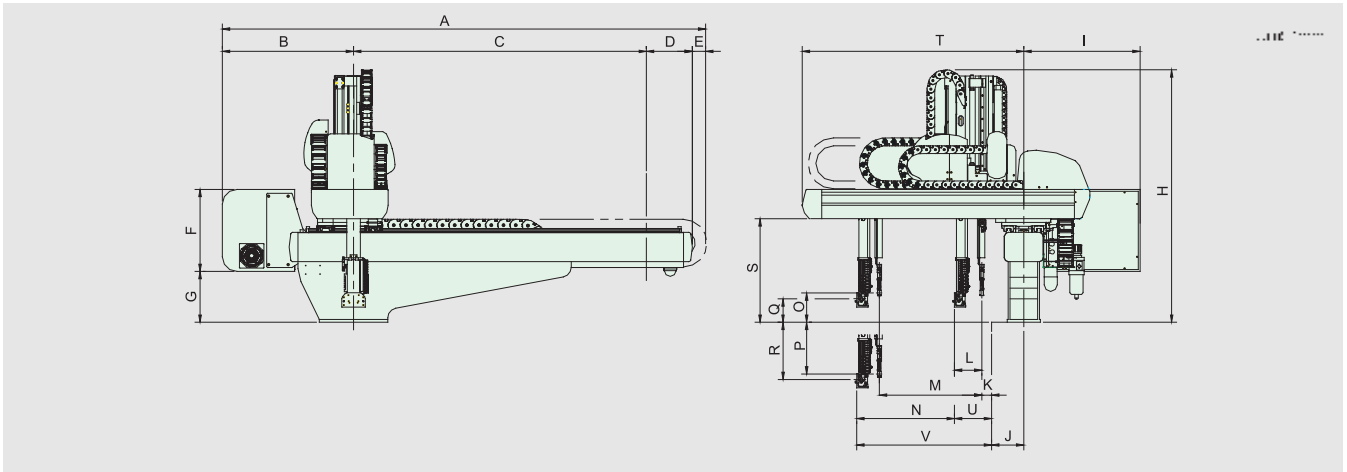
- » Multi-Language Support including English.
- » Large LCD Screen.

» (128 x 64) ensure current status of Robot.

- » Current status, Input and Output Display for easy maintenance.
- » Easy to create Auto Mode Operations. (Mode Selecting Method)



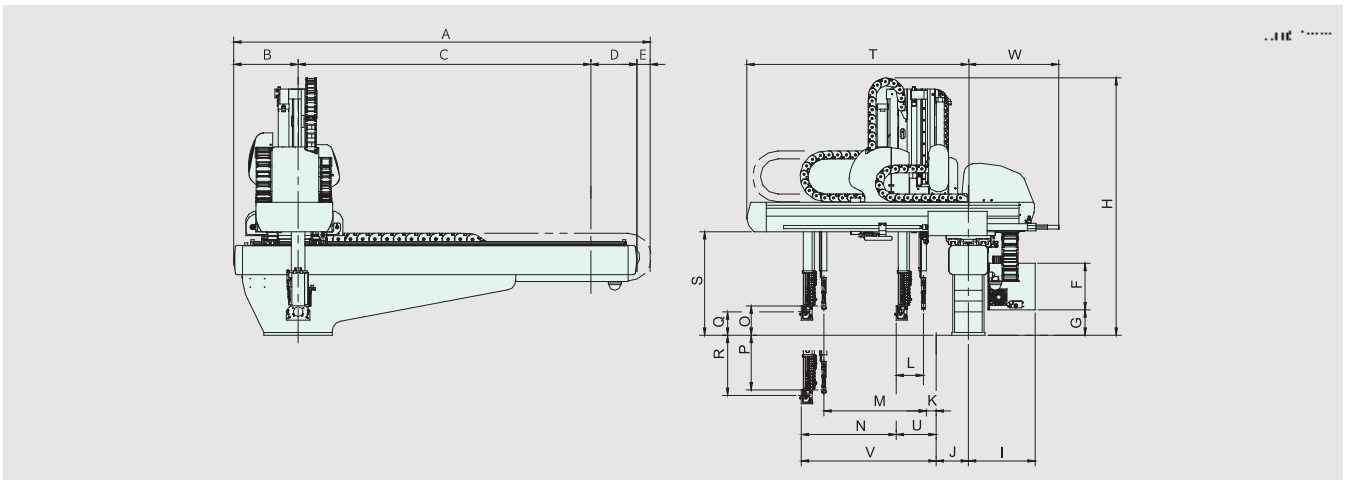
Dimension



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
MAX - 600S	2887	730	2000	224	-	420	260	1618	656	165	-	-	-	1128	-	-	88	1212	530	1653	55	1183
MAX - 600D											50	140	993	993	118	1182					190	
MAX - 800S	3565	770	2500	295	-	420	284	1975	681	205	-	-	-	1232	-	-	93	1507	632	1927	70	1412
MAX - 800D											65	198	1149	1149	158	1442					263	

All information is subject to change without notice.

() L TYPE, [] LL TYPE.



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
MAX - 600SA	2545	330	2000	215	-	238	130	1618	342	165	-	-	-	1128	-	-	88	1212	530	1653	55	1183	494
MAX - 600DA											65	140	978	978	118	1182					205		
MAX - 800SA	3007	395	2500	295	-	238	219	1975	367	205	-	-	-	1342	-	-	93	1507	632	1927	70	1112	537
MAX - 800DA											80	198	1134	1134	158	1442					278		

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