Simplicity, Easy Maintenance and Economical Take Out Robots

New HiT Series

HIT - 100D, 200D & HIT - 100S, 200S

HYROBOTICS

New HiT Series

Light weights, Simple and Easy Maintenance Take Out Robots with Economic cost. : 1Axis Servo on Traverse.

Features

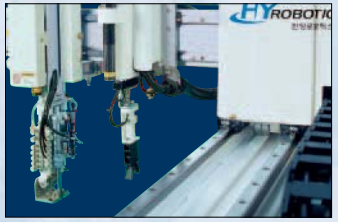
- Injection Molding Machine : For 50~250 Tons Horizontal
- Kick (Reach) Frame : Single Support Type
- Vertical Arm Structure : Non-Telescopic Arm
- Main Controller Location : Body Attached (Less foot print)
- Kick, Descent : Pneumatic Actuator
- Traverse Operation : Digital AC Servo Motor

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)
- Process Time (Up to 99 Seconds)

Optional Feature

- Nipper (Use or No Use)



HYNC-200 Controller

- 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)
- Unattended automation with stacking function. (Hit Series Only)

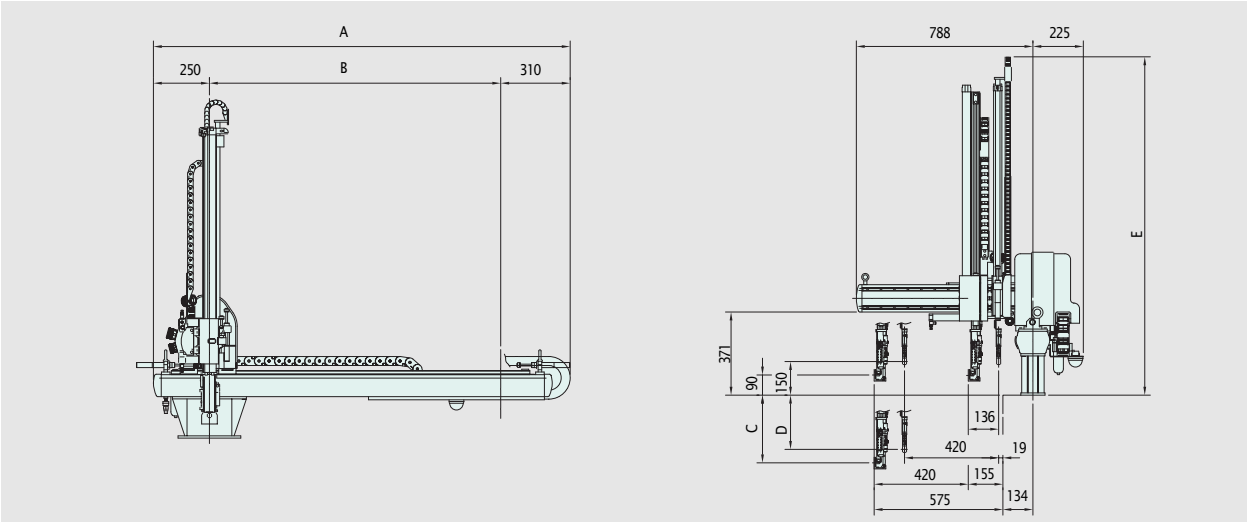
Technical Specification

Power	Motion Control	Control Method	Normal Pneumatic Pressure	Maximum Pneumatic Pressure	Chuck Rotation
AC 220V (50 /60Hz)	Servo Motor	Micro Computer	6kgf/cm²	8kgf/cm²	90°

Model	Traverse	Ascent/Descent(mm)		Kick(Reach) Stroke		Electric Consumption	Air Consumption [l(normal)/Cycle]	Maximum handling capacity
	Standard	Main Arm	Sub Arm	Main Arm	Sub Arm			
HIT - 100S	1100	700	–	150	–	3 Phase AC 220V 1.7A(Max.)	22	3 kgf
HIT - 100D		700	750	150	90		30	
HIT - 200S	1300	800	–	150	–	3 Phase AC 220V 1.7A(Max.)	25	
HIT - 200D		800	850	150	90		35	

Dimension

Unit : mm



Model	A	B	C	D	E
HIT - 100(S/D)	1660	1100	610	600	1410
HIT - 200(S/D)	1860	1300	710	700	1510

All information is subject to change without notice.

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