

ISO 9001:2000

High Speed / AC Digital Servo Operation for 3 Axis.

# ZEST Series

ZEST-100S~300S & ZEST-100D~300D



# Take-Out Robot

# ZEST Series

High Speed & AC Digital Servo Operation for 3 Axis

### ◆Features

- >>IMM : 50 ~ 300 Tons IMM
- >>Servo Axis : 3 ~ 5 Axis
- >>Motion Guide : High Strength Linear Motion Guide
- >>Up/Down : Non Telescopic
- >>Main Controller : Body Attached

### ◆Standard Control Features

- 1) 4 Basic Safety Position for IMM Interface
- 2) Suction, Chuck or Spare Out put can be selected
- 3) Additional Positions can be added in Mold Area
- 4) Additional Motions can be added in Mold Area
- 5) Additional Position can be added outside Area
- 6) Additional Motion can be added outside area
- 7) Step by Step Operatiopn for Safety
- 8) Servo Jog Button allow to run or stop during step
- 9) 1 Vacuum, 2 Chucking
- 10) 4 User Input, 4 User Output
- 11) Ejector Forward Control ( Yes or No)
- 12) Ejector Backward Control ( Yes or No)
- 13) J Motion in Mold ( Fast Take out cycle)
- 14) An Inpection Signal Separate Parts
- 15) Palletizing / Insert Molding Is ready



### ◆HYNC-700 : 5.7 Inch Touch Screen Controller

- > 5.7" Touch Screen Controller with Flexible Programming
- Easy to add step and Motion in Mold or outside of mold
- > All I.O can be viewed during manual or automatic mode

### ◆Option

- 1) Additional Suction / Gripper
- 2) Additional User Input/ Output



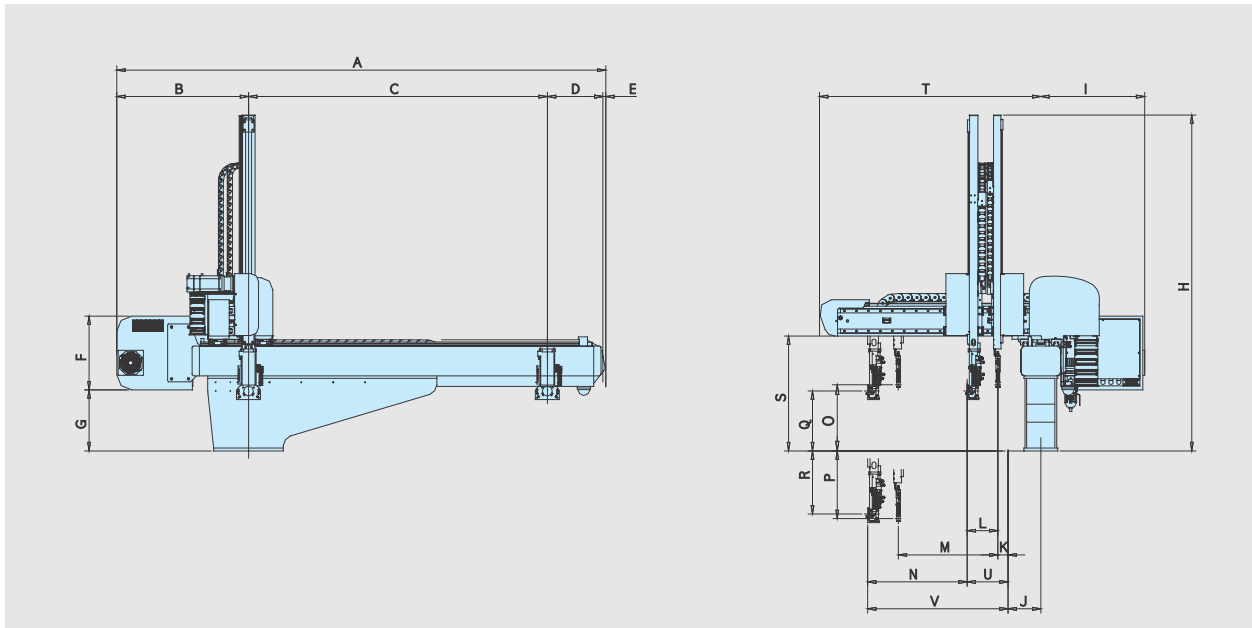
### ◆Technical Specification

Electric	Driving Method	Controller	Air Pressure	Max Pressure	Rotation
1Phase AC220V(50/60Hz)	Servo / Pneumatic	Micro Computer	6 kgf/cm.	8 kgf/cm.	90°

Model	Traverse Stroke			Down Stroke		Kick Stroke		Electric	Air Consumption (normal) / Cycle	Payload
	Standard	L Type	LL Type	Main Arm	Sub Arm	Main Arm	Sub Arm			
ZEST- 100S	1300	1500	1700	700	-	641	-	단상 AC220V S: 8A(Max.) D: 10A(Max.)	6	3 kgf
ZEST- 100D					750	500	500			
ZEST- 200S	1500	1700	1900	800	-	641	-	단상 AC220V S: 8A(Max.) D: 10A(Max.)	7	3 kgf
ZEST- 200D					850	500	500			
ZEST- 300S	1500	1700	1900	950	-	821	-	단상 AC220V S: 8A(Max.) D: 10A(Max.)	7	3 kgf
ZEST- 300D					950	680	680			

## Dimension

Unit : mm



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
ZEST-100S	2251 (2451)	662	1300 (1500)	279	10	370	306	1584	552	165	-	-	-	641	-	-	300	400	575	1111	64	705
ZEST-100D	[2651]		[1700]								50	155	500	500	332	418					205	
ZEST-200S	2451 (2651)	662	1500 (1700)	279	10	370	306	1684	552	165	-	-	-	641	-	-	300	500	575	1111	64	705
ZEST-200D	[2851]		[1900]								50	155	500	500	332	518					205	
ZEST-300S	2451 (2651)	662	1500 (1700)	279	10	370	306	1834	552	165	-	-	-	821	-	-	300	600	575	1291	64	885
ZEST-300D	[2851]		[1900]								50	155	680	680	332	518					205	

Subject to change without any notice for quality improvements ( ) is for L Type, [ ] is for LL Type ( Extended )

[ ]



H.Q. : Inehcon South Korea Seo Ku Gajwa 173-228  
 TEL : 032-582-5040, 032-582-5046,  
 FAX : 032-584-7040  
 www.hyrobot.com

HYROBOTICS CORP.  
 5988 Mid Rivers Mall Dr.  
 Saint Louis, MO 63304 USA  
 TEL : 1-636-578-6059  
 FAX : 1-866-232-5594  
 www.hyrobots.com