

*supersize*

High Performance, Reliable AC Servo Take out Robot



ISO 9001:2000

# NEXiA Series

NEXIA 2000, 2500, 3000



Supersize

# NEXiA Series

Genuine AC Servo for All 3 / 5 Axis, High performance, Flexible Teach Programming



### ◆Features

- » For 1600 ~ 3500 Tons
- » Servo Axis 3 or 5 ( Servo Wrist )
- » All Axis : High Strength Linear Motion Guide
- » Double Arm Support for Descent Arm
- » Telescopic Descent Arm
- » Body Attached Main Control Box



### 10.4" Large LCD Touch Screen

- » Large LCD touch screen allow more visual approach for robot operation / monitoring
- » Window XP Base Programming maximize flexibility
- » Camera can be used for monitoring from Factory to Office.
- » Remote production control with monitoring software.

### ◆Standard Features

- 1) Take out Arm : Single Arm Only
- 2) Suction or Vacuum ( 1 ea Standard )
- 3) Chuck Use or No Use
- 4) Gripper Use or No Use
- 5) Runner Gripper Use or No Use
- 6) Wait Outside ( Use or No Use )
- 7) Take out : Nozzle or Clamp
- 8) Rotate with Traverse ( Use / No Use )
- 9) Product Release : Basic, Stack or Cooling
- 10) Ejector Forward Control ( Yes or No )
- 11) Ejector Backward Control ( Yes or No ) : User Output
- 12) Ejector Back Complete Signal ( Yes or No ) : Insert Molding
- 13) Ejector Cycle
- 14) Cycle Start ( On Traverse, or Up Complete )
- 15) J Motion ( Down and Kick Simultaneously )

### ◆Optional Features

- 1) Internal Nippe ( Use or No Use )
- 2) Servo Wrist( 2 Axis ) or Pneumatic Swivel

### Model Description:NEXIA-00

- : Controller Selection
- Y : 5.7" Touch Controller
- F : 10.4" Touch Controller

### 5.7" Touch Screen Control

- » 5.7 Inch Touch Screen allow operator to basic take out function with simple step and easy operation  
Simple step and easily can be added to each additional step up to 80 with user input and output
- » Flexible teach program allow programmer to adapt any unexpected condition in the mold / outside of mold

This control is already approved by North America Automotive company and LG Electronics and Samsung Electronics Suppliers in all over the world. Flexible and easy programming allow operator to learn how to program in 1 hours. Recommended all the molder who need 3 Axis Servo Robots with secondary simple automation. ( Insert Molding, Stacking, Degating, etc )



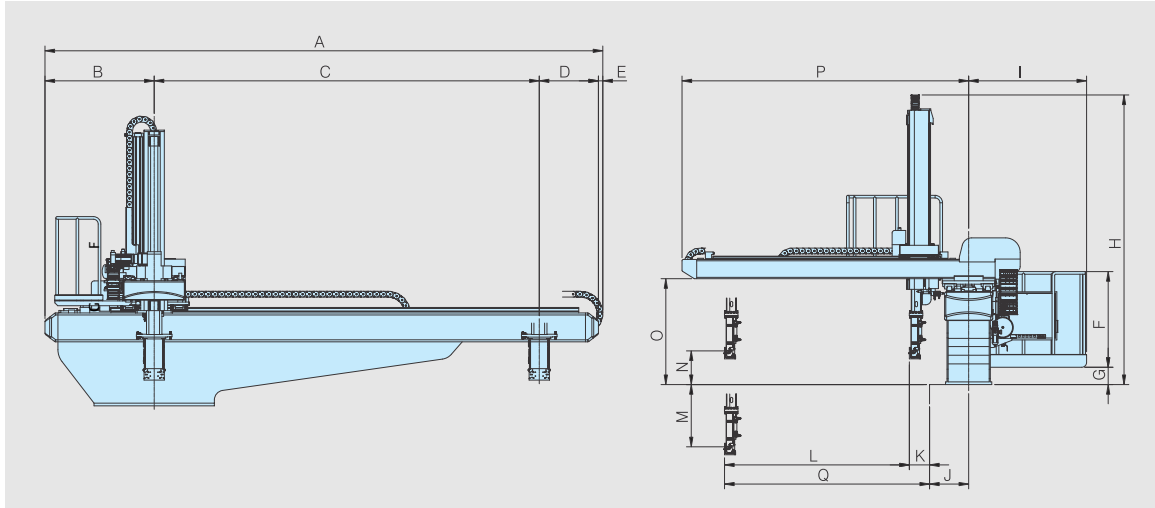
### ◆ Specification

Power	Driving Method	Operation	Air Pressure	Max Air Pressure	EOAT Rotate
3Phase 220V (50/60Hz)	AC SERVO	MICOMPC	6 kgf/cm <sup>2</sup>	8 kgf/cm <sup>2</sup>	90°

M O D E L	TRAVERSE Stroke(mm)		Down Stroke (mm)	Kick Stroke (mm)	Max Electric Consumption	Air Consumption [(normal) / Cycle]	MAX. Payload (WITH EOAT)
	Standard	L Type					
NEXIA-2000S	3500	4000	2100	1710	3 Ph AC 220 V 12A(Max)	54	40 kgf
NEXIA-2500S	4000	4500	2500	1920	3 Ph AC 220V 17A(Max)	92	50 kgf
NEXIA-3000S	4000	4500	3000	2316	3 Ph AC 220V 17A(Max)	100	80 kgf

## Dimension

Unit : mm



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
NEXIA-2000S	5010 (5510)	963	3500 (4000)	507	40	1191	205	2782	1175	320	236	1710	1785	315	1092	2610	1946
NEXIA-2500S	5800 (6300)	1135	4000 (4500)	615	50	1191	180	3010	1225	320	296	1920	2150	350	1100	2978	2216
NEXIA-3000S	5800 (6300)	1135	4000 (4500)	615	50	1191	180	3310	1225	340	276	2316	2812	188	1100	3378	2592

Subject to change without any notice , ( ) is for Extended Type ( L Type )



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