



- ▶ I.M.M (ton) 1,600 – 4,500
(Horizontal I.M.M)

- ▶ Traverse (mm) 3,500 – 4,500

- ▶ Vertical (mm) 2,000 – 3,000
(Telescopic structure)

- ▶ Driving method All axes AC Servo

- ▶ Payload (Kg) 35 / 50
(Including weight of chuck unit)

- ▶ Power source AC 380V, 50/60 Hz

YUCON-700 Controller

- TFT Touch Screen (65536 Color)
- Preferred languages :
Korean / English / Portuguese / Spanish / Vietnamese /
Russian / Czech / Polish



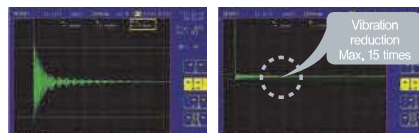
Mold Protection

- Without protective device, it immediately detects collision caused by incorrect operation and set-up, and makes Servo motor come to a sudden stop minimizing mold and robot damage



Vibration Control

Classification	No vibration control applied	Vibration control applied
Overall vibration	5.95mm	0.40mm
(+) Direction vibration	2.90mm	0.175mm
(-) Direction vibration	3.05mm	0.225mm



Before

After

Energy Saving

- Servo sleep function operates on stand-by status
→ Energy saving effect

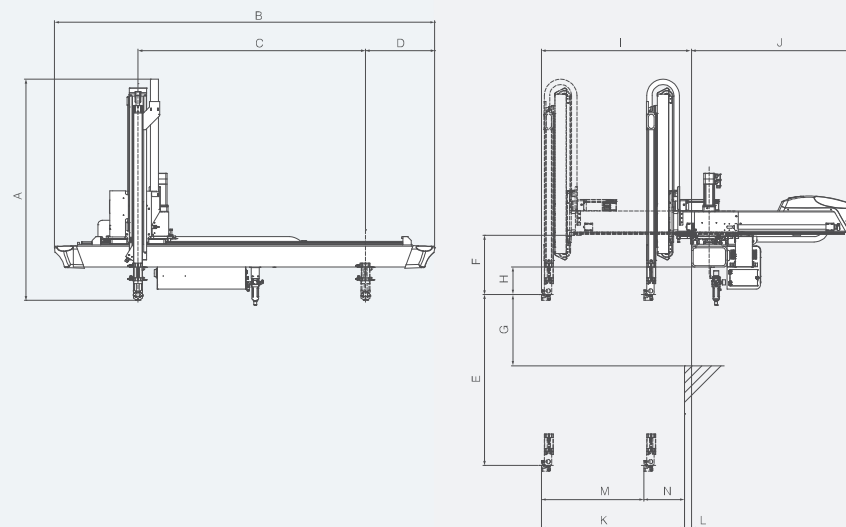
Model Series



10kg (Payload) 1200 (Vertical stroke)

Features

- High speed take-out cycle time (Speed up Max. 40%)
 - Slim BRIDGE structure
 - Safety and Energy-saving function
 - Working area/Work limited area setting, Servo sleep, Power consumption display
 - User-friendly functions
 - Send an alarm, Maintenance information, Robot monitoring, History management.
 - AC servo (all axes)
 - Anti-vibration control (Vibration reduction Max. 15 times)
- ※ A comparison with YUDO's existing robot in its class.



Model	Crosswise (X-axis)		Vertical (Y-axis)		Traverse (Z-axis)		Air consumption (l/Cycle)(ANR)	Power consumption (KVA)	Payload (Kg)
	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)			
GIGA-3520	1,200	1.5	2,000	2.5	3,500 (4,000)	2.0	32	22	35
GIGA-3525	1,200	1.5	2,500	2.5	3,500 (4,000)	2.0	32	22	35
GIGA-5025	1,500	1.0	2,500	2.8	4,000 (4,500)	2.0	41	22	50
GIGA-5030	1,500	1.0	3,000	2.8	4,000 (4,500)	2.0	41	22	50

* () are option specifications.

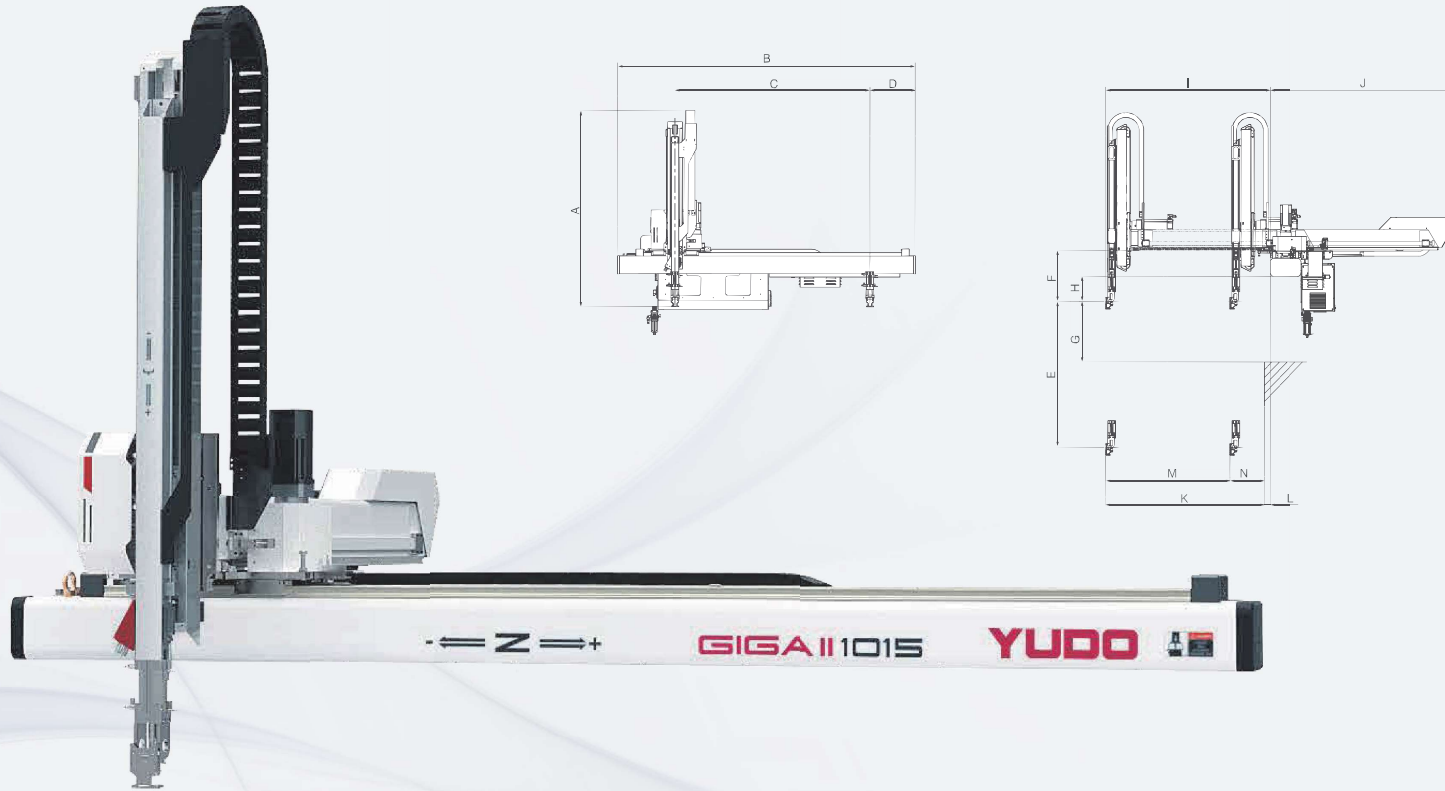
Model	Outer dimension (mm)													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
GIGA-3520	2,151	4,784 (5,484)	3,500 (4,000)	642	2,000	612	420	336	1,715	1,782	1,615	100	1,200	415
GIGA-3525	2,401	4,784 (5,484)	3,500 (4,000)	642	2,500	612	420	336	1,715	1,782	1,615	100	1,200	415
GIGA-5025	2,519	5,643 (6,143)	4,000 (4,500)	822	2,500	629	700	246	2,086	2,507	1,986	100	1,500	486
GIGA-5030	2,769	5,643 (6,143)	4,000 (4,500)	822	3,000	629	700	246	2,086	2,507	1,986	100	1,500	486

* () are extended option specifications.

* The size 'G, L, N' is a standard, so it might be changed according to specification.

GIGA II

High speed and high precision take-out robot (Movable X-axis)



- ▶ I.M.M (ton) 350 ~ 1,600
(Horizontal I.M.M)

- ▶ Traverse (mm) 1,600 ~ 2,500

- ▶ Vertical (mm) 1,200 ~ 2,000
(Telescopic structure)

- ▶ Driving method All axes AC Servo

- ▶ Payload (Kg) 10 ~ 20
(Including weight of chuck unit)

- ▶ Power source AC 380V, 50/60 Hz

YUCON-700 Controller

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Model	Crosswise (X-axis)		Vertical (Y-axis)		Traverse (Z-axis)		Air consumption (l/Cycle/ANR)	Power consumption (KVA)	Payload (Kg)
	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)			
GIGA II-1012			1,200		1,600				
GIGA II-1015	1,020	0.7	1,500	4.0	2,000	1.6	6	5.6	10
GIGA II-1018			1,800		2,500				
GIGA II-2015			1,500		2,000				
GIGA II-2018	1,200	1.3	1,800	3.1	2,500	1.6	9	7.5	20
GIGA II-2020			2,000		2,500				

Model	Outer dimension (mm)													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
GIGA II-1012	1,612	2,443	1,600	372	1,200	416	500	203	1,353	1,497	1,303	50	1,020	283
GIGA II-1015	1,762	2,843	2,000	372	1,500	416	500	203	1,353	1,497	1,303	50	1,020	283
GIGA II-1018	1,912	3,343	2,500	372	1,800	416	500	203	1,353	1,497	1,303	50	1,020	283
GIGA II-2015	1,848	2,823	2,000	357	1,500	525	650	303	1,658	1,742	1,608	50	1,200	408
GIGA II-2018	1,998	3,323	2,500	357	1,800	525	650	303	1,658	1,742	1,608	50	1,200	408
GIGA II-2020	2,098	3,323	2,500	357	2,000	525	650	303	1,658	1,742	1,608	50	1,200	408