

English

Take-out Robot Drying & Feeding



YUDO

Consilience Technology

1 Take-out Robot



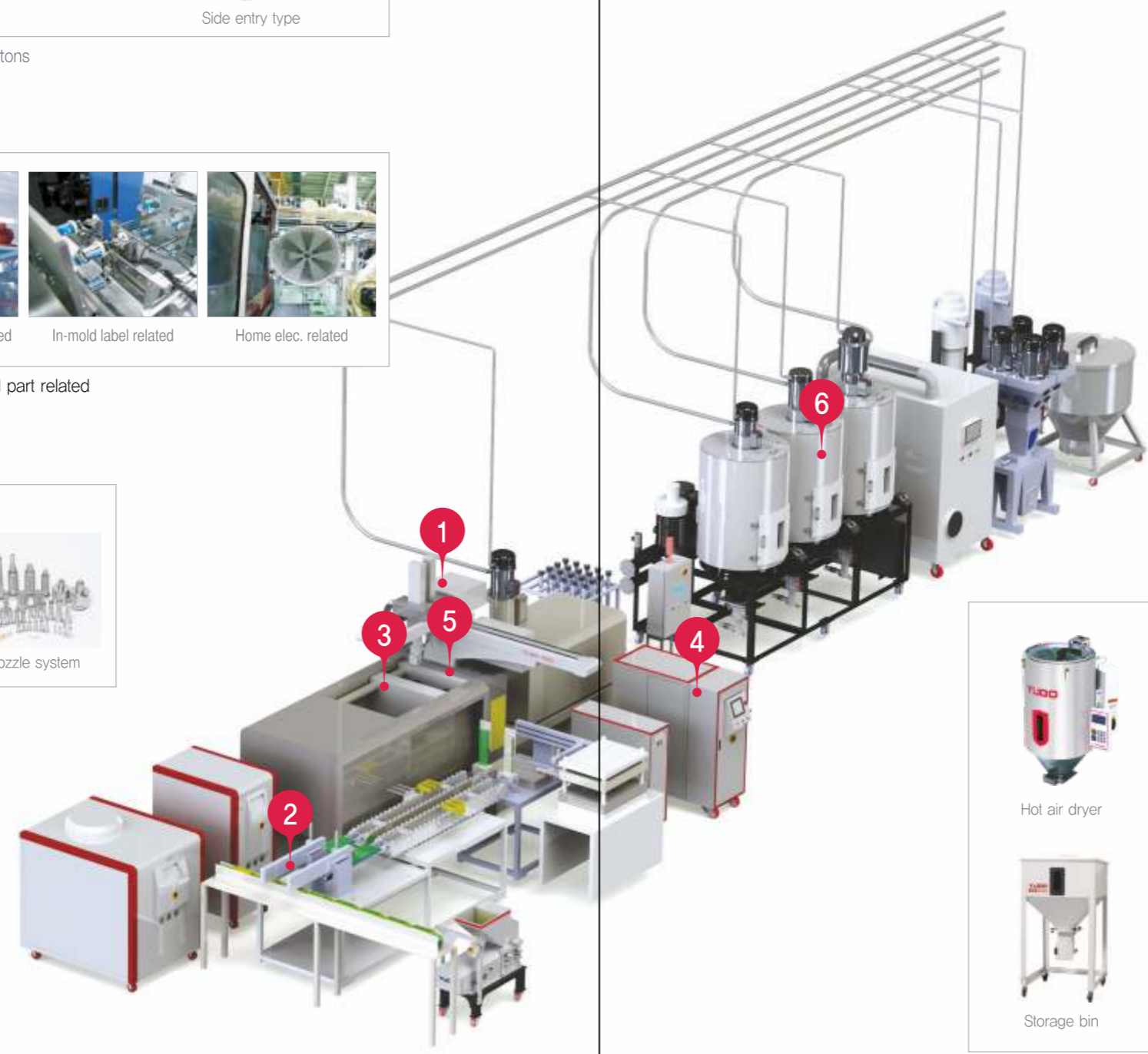
► Applied to the I.M.M machine from less than 30 tons to more than 3,000 tons

2 Factory Automation



► In mold label, Automotive part automation, Mobile automation, Optical part related

3 Hot Runner Solutions



Injection molding process needs a lot of different element. ABIMAN Engineering, YUDO is only company to respond directly on customer's requests which are related to various problems of injection molding. We provide a "Turn-key system" according to customer's demands.

4 Heating & Cooling



5 PET Preform Total Solution



6 Drying & Feeding



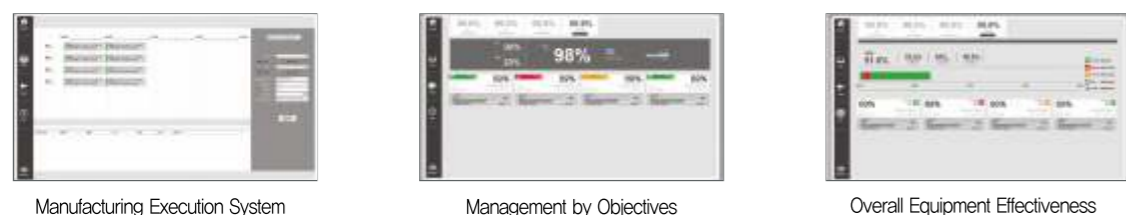
Smart Solution

(IMC lite, YU-CONNECT, Smart function)

The Smart Solution of ABIMAN Engineering, YUDO for the effective production plan and processing optimization in the injection molding. IMC Lite provides with the Management By Objective (MBO), Overall Equipment Effectiveness (OEE) and Manufacturing Execution System (MES) based on collected data from the Take-out Robot. It also supplies the weight measurement, static-electricity removal and smart function based on real-time monitoring. YUDO Smart Solution contributes to customer's revenue by improving productivity in injecting molding process.

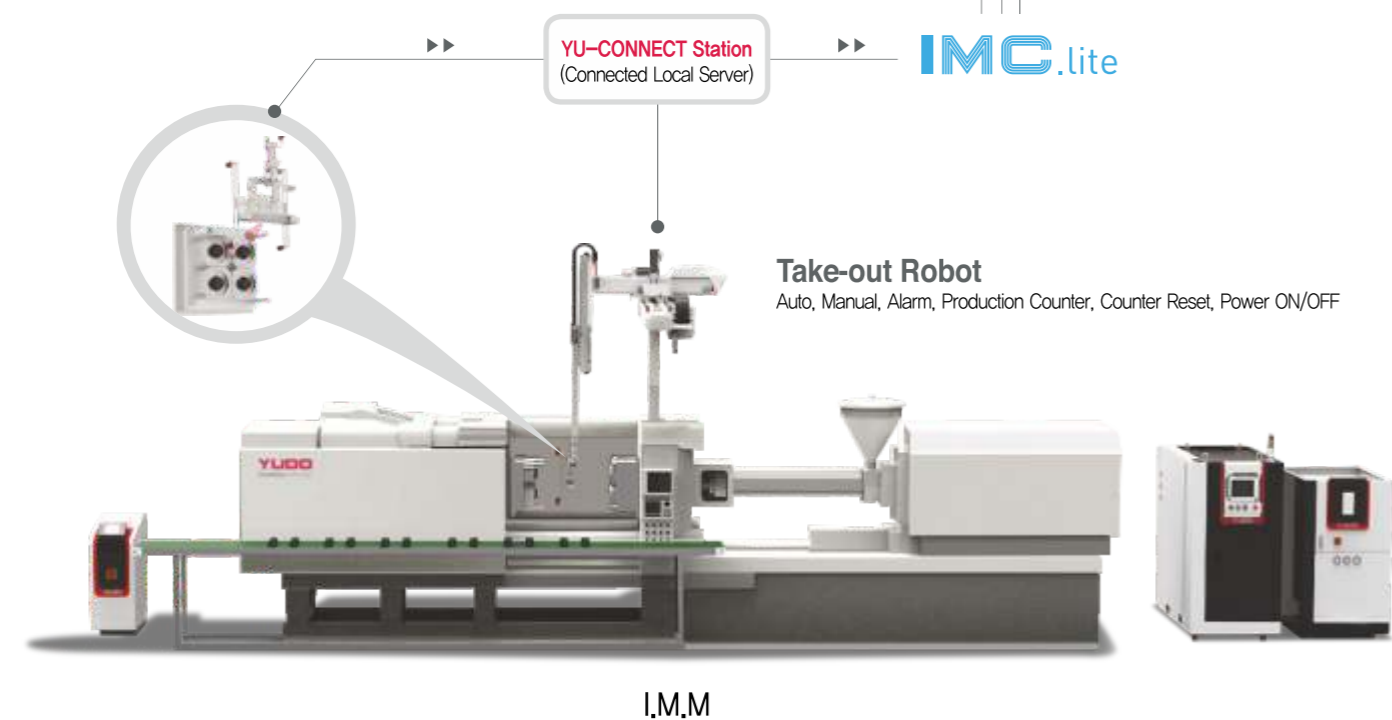
IMC.lite

The IMC Lite is the Monitoring System which enables you to easily check about the real time productivity, achievement rate comparing to plan, equipment conditions and production efficiency in one monitor. The collected data from the Take-out Robot is analyzed by day, week and month for realizing effective production plan.



Smart function

Real time data measurement ▶ Management of data history ▶ Data Analysis ▶ The total management of smart Robot by IMC Lite



Smart Function

The core function for improving productivity & quality

The cause of the low quality & productivity is removed in advance by Smart Function in injection molding process. YUDO-SUNS realize a ideal Quality management through the IMC controls real-time monitoring, data analysis, quality control and management ideal of the major factors.



Product weight measurement (Load cell)

The weighing the product by load cell is automatically measured for sorting & removal of defective product and the systematic data analysis & management.

Payload	Load cell	Tolerance
5Kg ~ 10Kg	30Kg	±1%
15Kg ~ 35Kg	30Kg (x2)	±1%
50Kg ~ 80Kg	50Kg (x2)	±2%

- Monitoring
- Management of data history

Mold surface temperature measurement (Infrared sensor)

The mold surface temperature is measured by infrared sensor. In case of exceeding predetermined setting point, it detects the defective product by alarm system

- Maximum 4 points (±1°C)

- Monitoring
- Management of data history

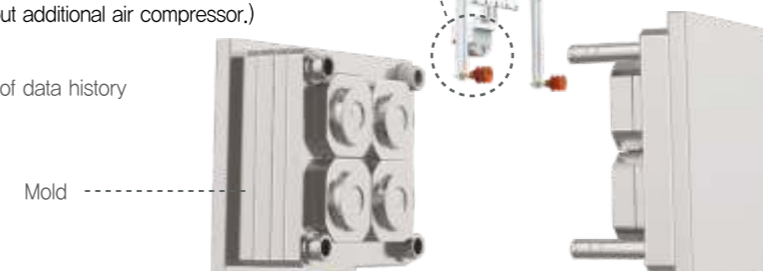
Removing static-electricity (Ionizer)

The static electricity on the mold and product surface is removed through ionization for preventing the faulty factors caused by micro dust and foreign substance in advance.

- Ion creation method : Soft X-Ray (Decay time : ±1,000V to ±100V in 1 sec at 150mm)

(The ionizer technology is used for the air ionization method without the electromagnetic waves & ozone and it is a static-electricity equipment for the next generation without additional air compressor.)

- Monitoring
- Management of data history



Shot balance

Shot balance check by product weight in each cavity

- Defective product information (weight & mold temperature) (Possible to check the information related to the mold flow status through IMC Lite.)


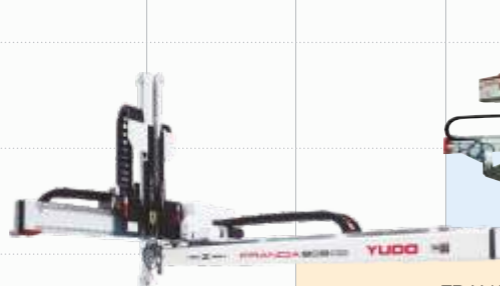
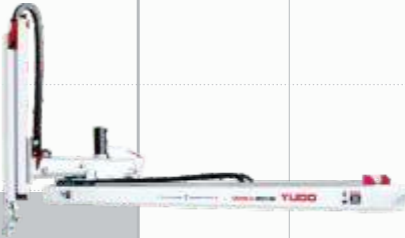




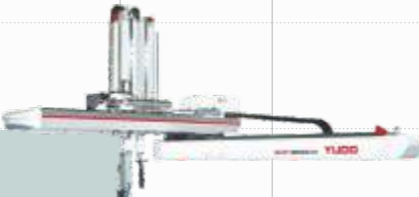


YUCONNECT

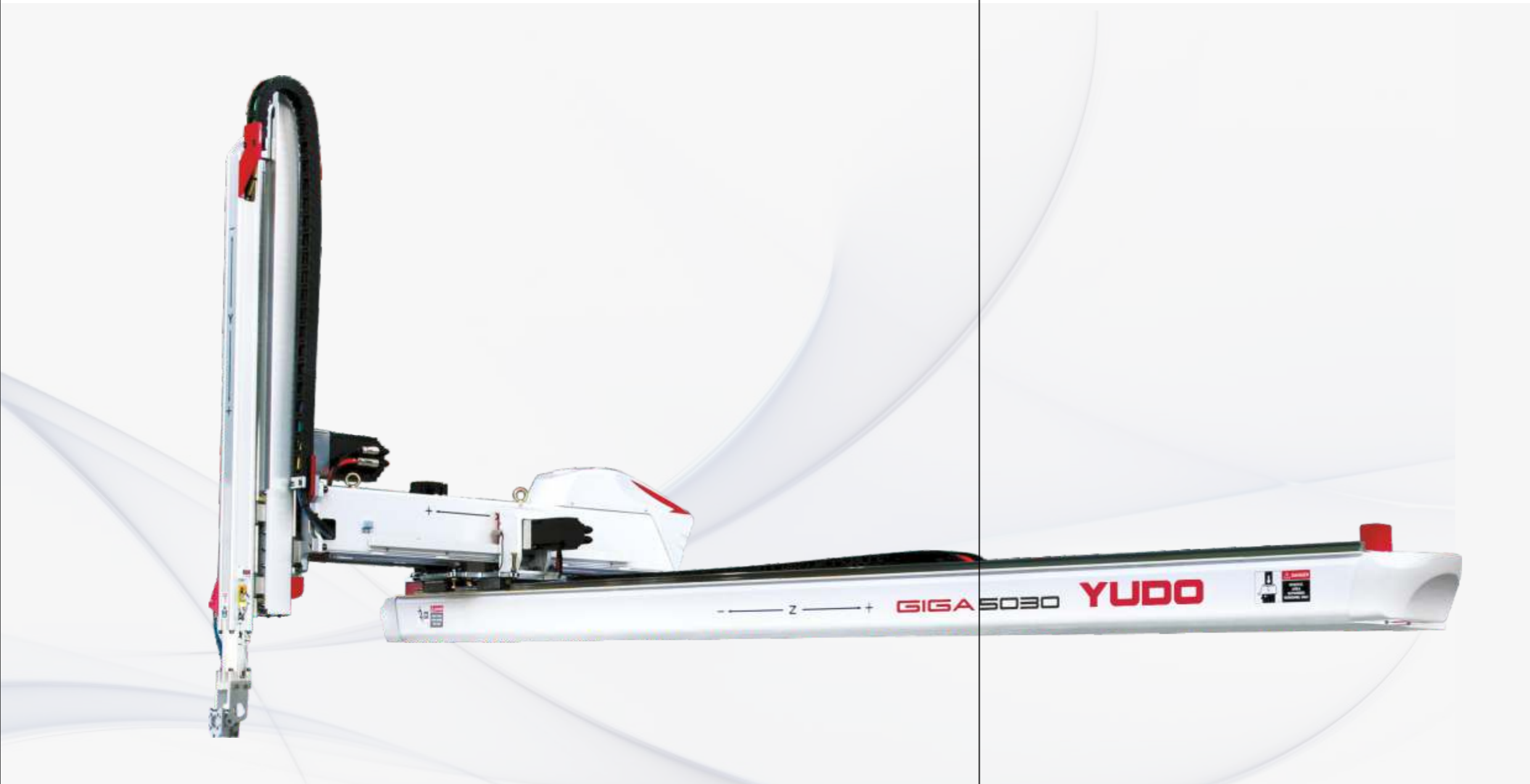
Integrated control of Take-out Robot with Auxiliary equipment.

The Auxiliary Equipment such as Mold temperature controller, chiller, etc. and the Take-out Robot are unified using the Connected Local Server, and the operation setup/operation information is monitored and analyzed using the UI of the Take-out Robot.



Take-out Robot Line-up

Category	Controller	Mold Clamping force (ton)								Mold Clamping force (ton)							
		Small-sized I.M.M								Middle-sized I.M.M				Large-sized I.M.M			
		~ 30	30 ~ 80	80 ~ 100	100 ~ 150	150 ~ 180	180 ~ 220	220 ~ 350	350 ~ 450	450 ~ 550	550 ~ 850	850 ~ 1000	1000 ~ 1300	1300 ~ 1600	1600 ~ 2000	2000 ~ 3000	3000 ~ 4500
Premium	 YUCON-700	 ZEBARobot ZEBA-312X-H ZEBA-315X-H								GIGA II-1012 / GIGA II-1015 / GIGA II-1018				 GIGA II Robot GIGA-3520 GIGA-5025 GIGA-3525			
										GIGA II-2015 / GIGA II-2018 / GIGA II-2020							
Advanced	 YUCON-800	FRANCIA-308i FRANCIA-308is		FRANCIA-509i-H FRANCIA-509is-H		FRANCIA-809i-H FRANCIA-809is-H		 FRANCIA Robot FRANCIA-1516-H FRANCIA-1516s-H									
				FRANCIA-510 FRANCIA-510s FRANCIA-510i FRANCIA-510is		FRANCIA-809i FRANCIA-809is											
		FRANCIA-509 / FRANCIA-509s FRANCIA-509i / FRANCIA-509is		FRANCIA-1013 / FRANCIA-1013s FRANCIA-1013i / FRANCIA-1013is				FRANCIA-1516 / FRANCIA-1516s FRANCIA-1516i / FRANCIA-1516is		FRANCIA-2518 FRANCIA-2518s		FRANCIA-3520 FRANCIA-5025					
General	 WICON-700	FRANCIA-308i-E FRANCIA-308is-E			FRANCIA-510i-E FRANCIA-510is-E			FRANCIA-1012i-E FRANCIA-1012is-E									
Basic	 YUCON-260	SEKO-208i / SEKO-208is						SEKO-510 SEKO-510s		 EZI Robot EZI-1200v EZI-1200sv							
		SEKO-509 / SEKO-509s															
	 YUCON-K5 STEC-K4	SMUS-300	SMUS-450	SMUS-600	SMUS-800			 SMUS Robot									



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

- ▶ Traverse (mm) 3,500 ~ 4,000

- ▶ 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



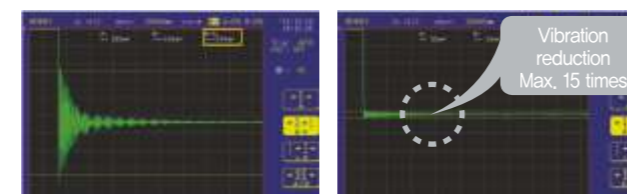
Mold Protection

- 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

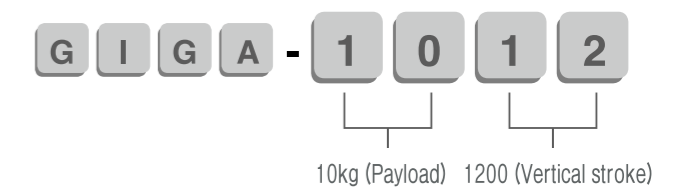
Classification	No vibration control applied	Vibration control applied
Overall vibration	5.95mm	0.40mm
(+) Direction vibration	2.90mm	0.175mm
(-) Direction vibration	3.05mm	0.225mm



Energy Saving

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

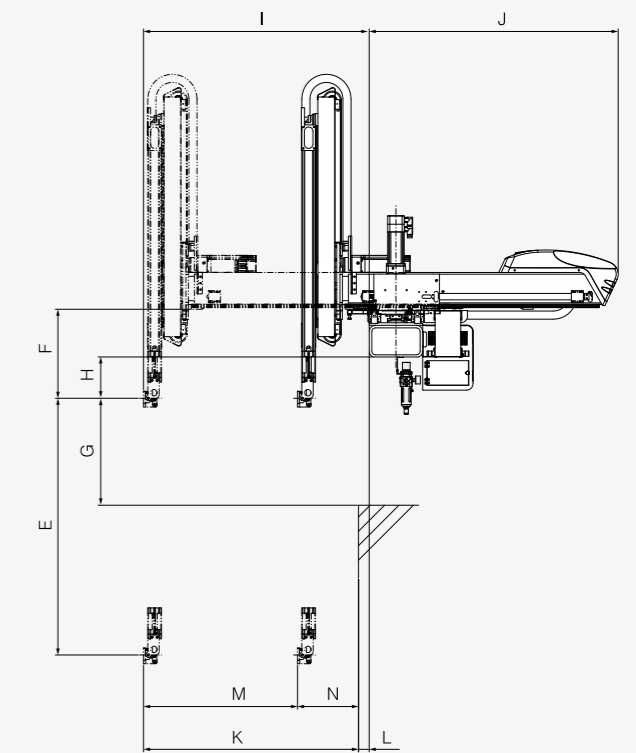
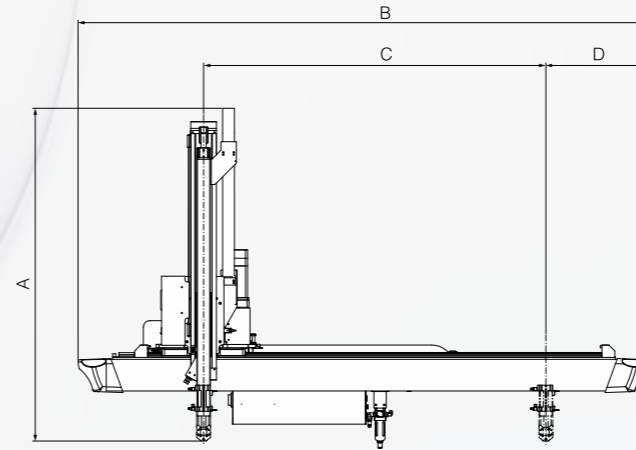
Model Series





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	2.0	32	22	35
GIGA-3525	1,200	1.5	2,500	2.5	4,000	2.0	32	22	35
GIGA-5025	1,500	1.0	2,500	2.8	4,000	2.0	41	22	50

* () are option specifications.

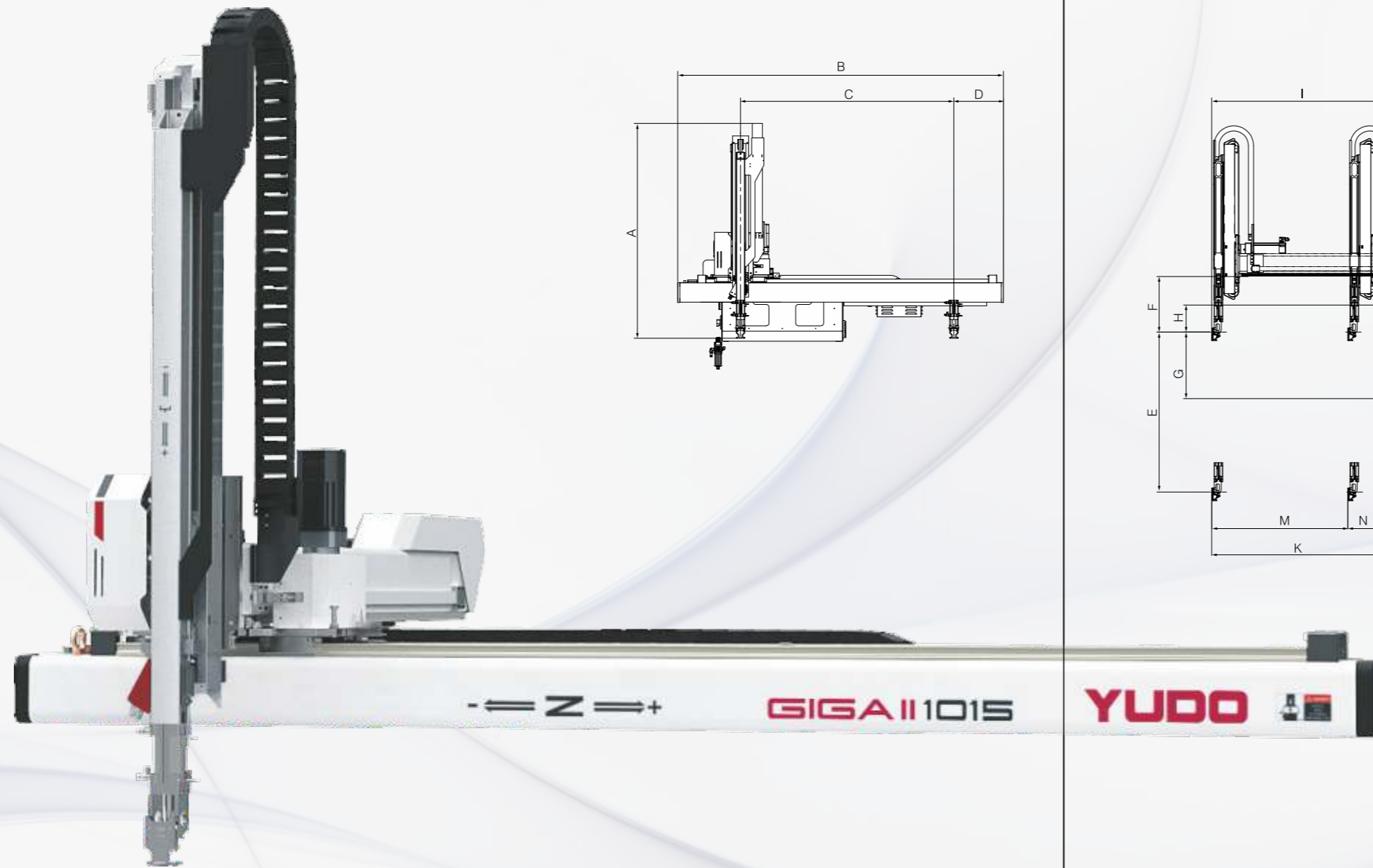
Model	Outer dimension (mm)													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
GIGA-3520	2,151	4,784 (5,484)	3,500 (4,000)	642	2,000	612	420	336	1,715	1,782	1,615	100	1,200	415
GIGA-3525	2,401	4,784 (5,484)	3,500 (4,000)	642	2,500	612	420	336	1,715	1,782	1,615	100	1,200	415
GIGA-5025	2,519	5,643 (6,143)	4,000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

* () 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

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

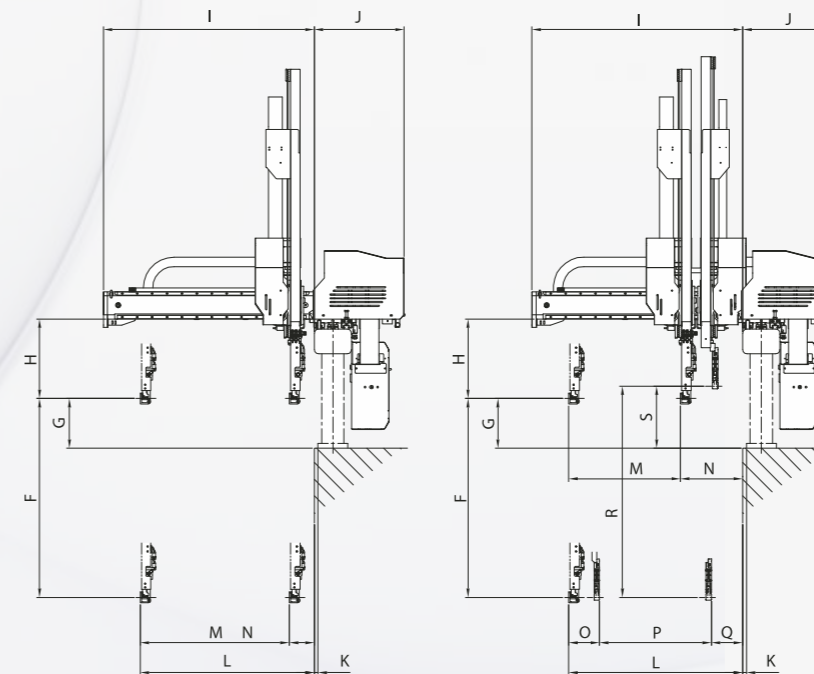
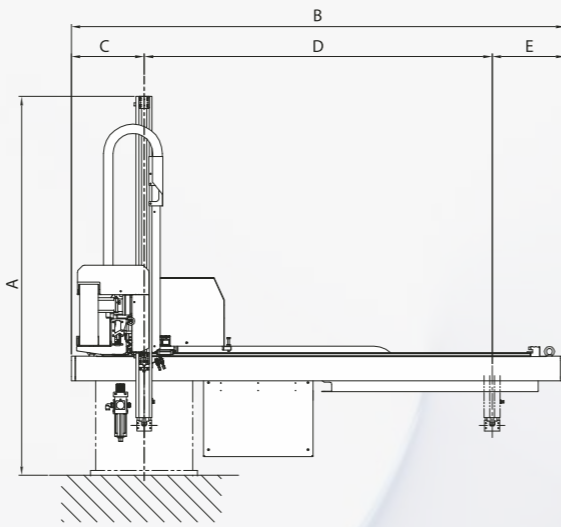
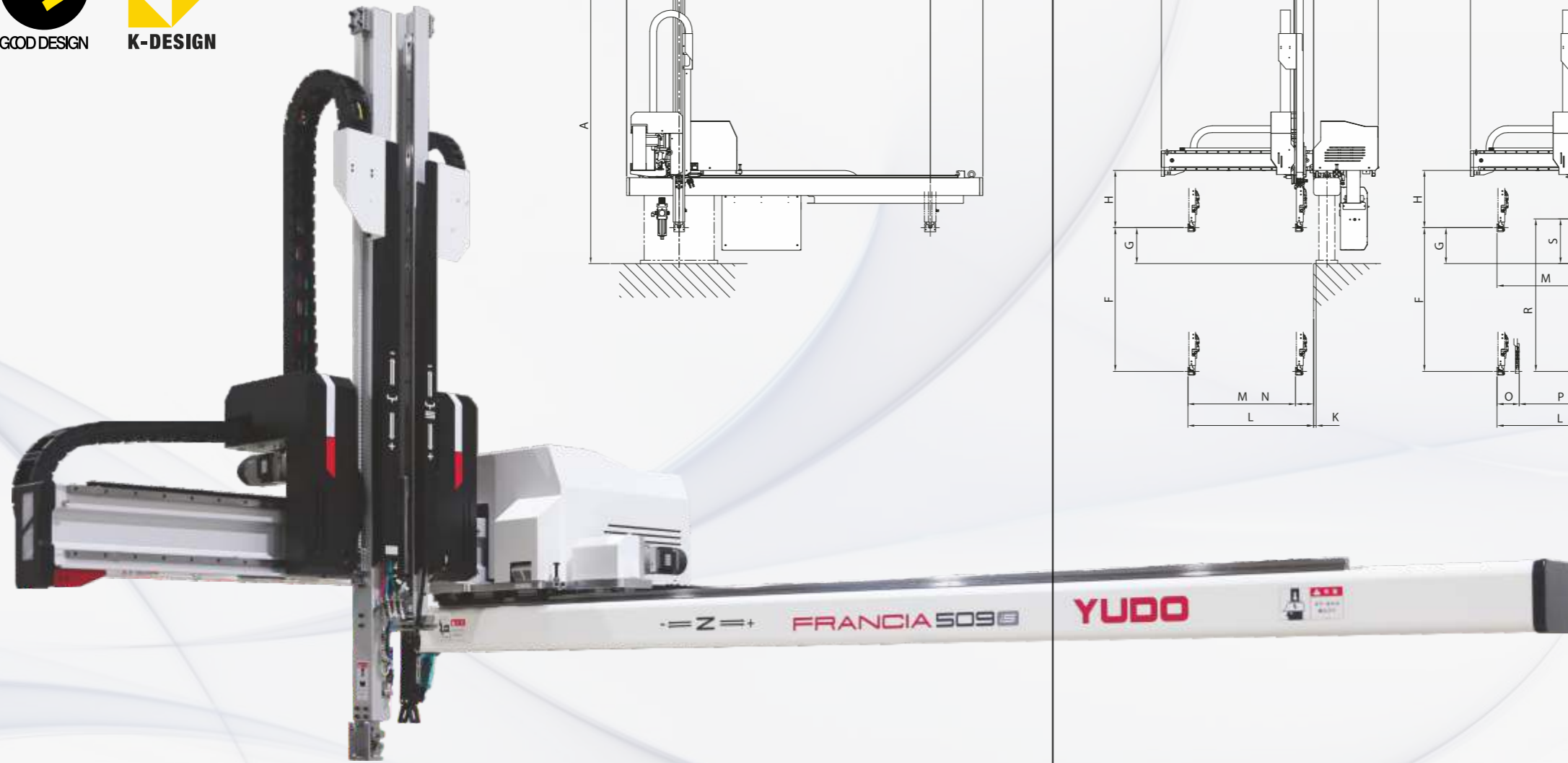


Model	Crosswise (X-axis)		Vertical (Y-axis)		Traverse (Z-axis)		Air consumption (ℓ/Cycle(ANR))	Power consumption (KVA)	Payload (Kg)
	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)			
GIGA II-1012			1,200		1,600				
GIGA II-1015	1,020	0.7	1,500	4.0	2,000	1.6	6	5.6	10
GIGA II-1018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

FRANCIA

Excellent Performance take-out robot for any sized machines



- ▶ I.M.M (ton) 80 ~ 3,000 (Horizontal I.M.M)
- ▶ Traverse (mm) 1,400 / 1,600 / 2,000 / 2,300 / 2500 / 3500 / 4000
- ▶ Vertical (mm) 800 / 900 / 1,000 / 1,300 / 1,600 / 1,800 / 2,000 / 2,500 (Non-Telescopic arm, Telescopic arm)
- ▶ Driving method All axes AC Servo
- ▶ Payload (Kg) 3 / 5 / 10 / 15 / 25 / 35 / 50 (Including weight of chuck unit)
- ▶ Power source AC 220V, 50/60 Hz

YUCON-800 Controller

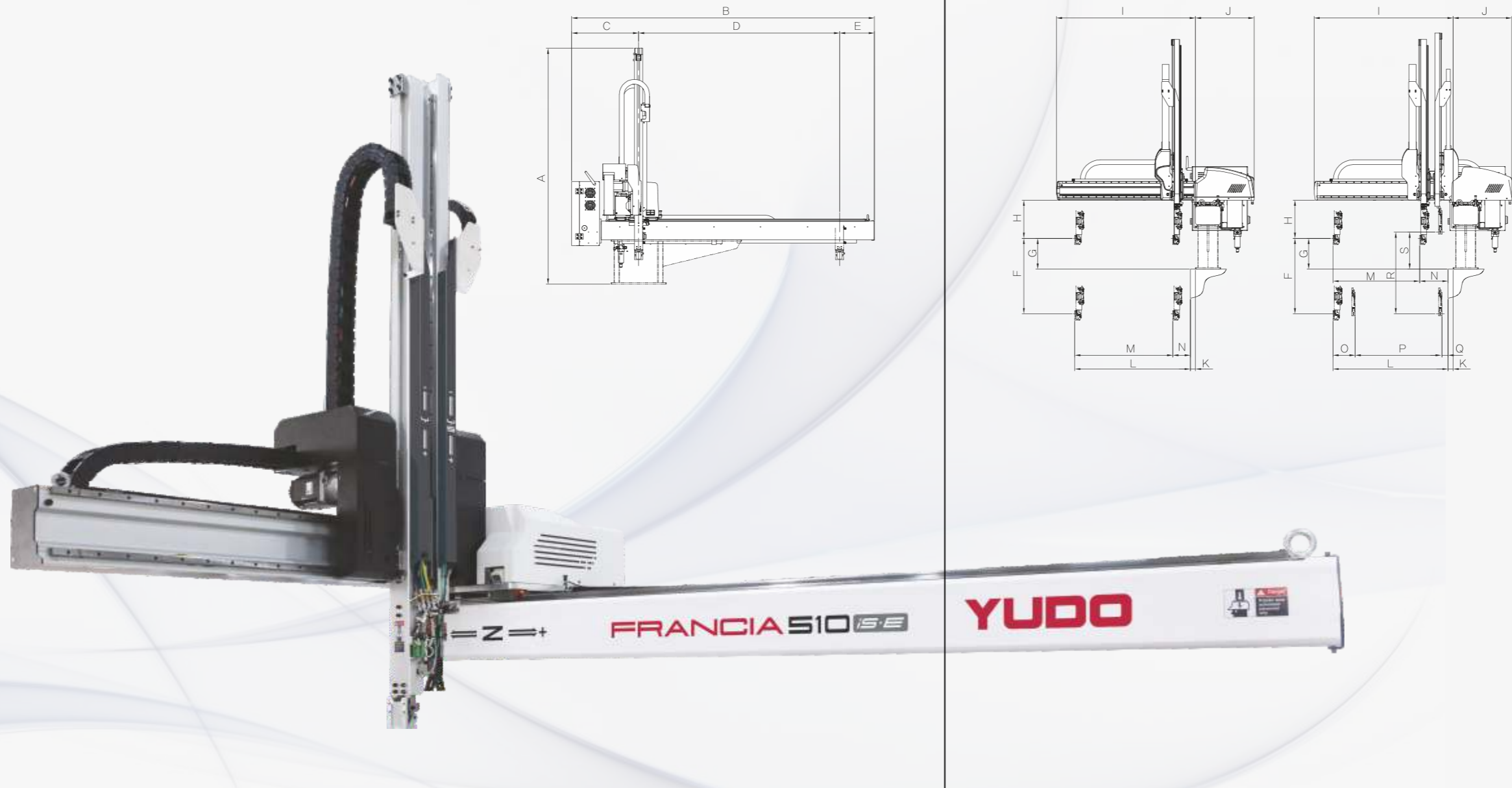
- 8 inch TFT Touch Screen (16,70million color)
- Preferred languages : Basic supporting 5 languages (Responding to all languages in the world as an option)



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)			
FRANCIA-308i	600		800		1,400	1.5	4.6	1.5 (1φ220V)	3
FRANCIA-308is	φ450 R450	1.0	φ800 R850	3.0	1,400	1.5	4.7	2.2 (1φ220V)	3
FRANCIA-509	630		900		1,600	1.5	4.8	1.5 (1φ220V)	5
FRANCIA-509s	φ520 R520	1.0	φ900 R950	3.0	1,600	1.5	4.9	2.2 (1φ220V)	5
FRANCIA-509i	650		900		1,600	1.5	4.8	1.5 (1φ220V)	5
FRANCIA-509is	φ580 R580	1.0	φ900 R950	3.0	1,600	1.5	4.9	2.2 (1φ220V)	5
FRANCIA-510	730		1,000		1,600	1.5	4.8	1.5 (1φ220V)	5
FRANCIA-510s	φ620 R620	1.0	φ1,000 R1,050	3.0	1,600	1.5	4.9	2.2 (1φ220V)	5
FRANCIA-510i	750		1,000		1,600	1.5	4.8	1.5 (1φ220V)	5
FRANCIA-510is	φ680 R680	1.0	φ1,000 R1,050	3.0	1,600	1.5	4.9	2.2 (1φ220V)	5
FRANCIA-809i	830		900		1,600	1.4	4.6	1.9 (1φ220V)	8
FRANCIA-809is	φ670 R670	1.0	φ900 R950	3.0	1,600	1.4	4.7	2.5 (1φ220V)	8
FRANCIA-1013	980		1,300		2,000	1.4	4.9	1.9 (1φ220V)	10
FRANCIA-1013s	φ810 R810	1.0	φ1,300 R1,350	3.0	2,000	1.4	5.0	2.5 (1φ220V)	10
FRANCIA-1013i	980		1,300		2,000	1.4	4.9	1.9 (1φ220V)	10
FRANCIA-1013is	φ810 R810	1.0	φ1,300 R1,350	3.0	2,000	1.4	5.0	2.5 (1φ220V)	10
FRANCIA-1516	1,240		1,600		2,300	1.2	16.5	2.4 (1φ220V)	15
FRANCIA-1516s	φ960 R960	1.0	φ1,600 R1,650	2.4	2,300	1.2	17.2	3.0 (1φ220V)	15
FRANCIA-1516i	1,260		1,600		2,300	1.2	4.9	2.4 (1φ220V)	15
FRANCIA-1516is	φ1,040 R1,040	1.0	φ1,600 R1,650	2.4	2,300	1.2	5.0	3.0 (1φ220V)	15
FRANCIA-2518	1,700		1,800		2,500	1.1	48.1	3.4 (3φ220V)	25
FRANCIA-2518s	φ1,430 R1,430	1.0	φ1,800 R1,850	2.4	2,500	1.1	55.2	4.8 (3φ220V)	25
FRANCIA-3520	1,700		2,000		3,500	1.2	65.5	4.5 (3φ220V)	35
FRANCIA-5025	1,700		2,500		4,000	1.0	80	5.8 (3φ220V)	50

* © Product side ® Runner side

Model	Outer dimension (mm)																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
FRANCIA-308i	1,524												600	50	-	-	-	-	-
FRANCIA-308is	1,574	1,986	293	1,400	293	800	200	320	858	364	50	650	450	200	150	450	50	850	250
FRANCIA-509	1,273												630	140	-	-	-	-	-
FRANCIA-509s	1,273	2,504	490	1,600	414	900	200	304	1,008	482	50	770	520	250	165	520	85	950	250
FRANCIA-509i	1,683												650	140	-	-	-	-	-
FRANCIA-509is	1,733	2,504	407	1,600	497	900	200	304	1,008	482	50	790	580	210	156	580	54	950	250
FRANCIA-510	1,323												730	140	-	-	-	-	-
FRANCIA-510s	1,323	2,504	490	1,600	414	1,000	200	304	1,108	482	50	870	620	250	165	620	85	1,050	250
FRANCIA-510i	1,783												750	140	-	-	-	-	-
FRANCIA-510is	1,833	2,504	407	1,600	497	1,000	200	304	1,108	482	50	890	680	210	152	680	58	1,050	250
FRANCIA-809i	1,779												830	126	-	-	-	-	-
FRANCIA-809is	1,829	2,504	428	1,600	476	900	200	328	1,233	504	50	956	670	286	176	670	110	950	250
FRANCIA-1013	1,598												980	111	-	-	-	-	-
FRANCIA-1013s	1,618	2,785	431	2,000	353	1,300	193	400	1,341	619	50	1,091	810	281	188	810	93	1,350	250
FRANCIA-1013i	2,240												980	120	-	-	-	-	-
FRANCIA-1013is	2,290	2,785	377	2,000	408	1,300	200	400	1,341	615	50	1,100	810	291	221	810	70	1,350	250
FRANCIA-1516	1,962												1,488	1,240	248	-	-	-	-
FRANCIA-1516s	1,962	3,340	462	2,300	578	1,600	300	477	1,680	565	50	1,482	960	522	316	960	205	1,650	350
FRANCIA-1516i	2,756												1,260	222	-	-	-	-	-
FRANCIA-1516is	2,818	3,340	462	2,300	578	1,600	300	484	1,680	565	50	1,482	1,040	442	257	1,040	185	1,650	350
FRANCIA-2518	2,608												1,700	227	-	-	-	-	-
FRANCIA-2518s	2,608	4,055	1,004	2,500	551	1,800	600	572	1,927	644	100	2,131	1,430	512	402	1,430	110	1,850	650
FRANCIA-3520	2,772												2,070	1,700	370	-	-	-	-
FRANCIA-5025	3,145	5,864	1,101	4,000	763	2,500	500	768	2,655	682	100	2,259	1,700	563	-	-	-	-	-



- ▶ I.M.M (ton) 80 ~ 550
(Horizontal I.M.M)

- ▶ Traverse (mm) 1,400 / 1,600 / 1,800

- ▶ Vertical (mm) 800 / 1,000 / 1,200
(Non-Telescopic arm)

- ▶ Driving method All axes AC Servo

- ▶ Payload (Kg) 3 / 5 / 10 (Chuck Unit
Including weight of chuck unit)

- ▶ Power source AC 220V, 50/60 Hz

WICON-700 Controller

- TFT Touch Screen (65536 Color)
- Preferred languages :
Korean / English / Chinese
(Responding to all languages in the world as an option)



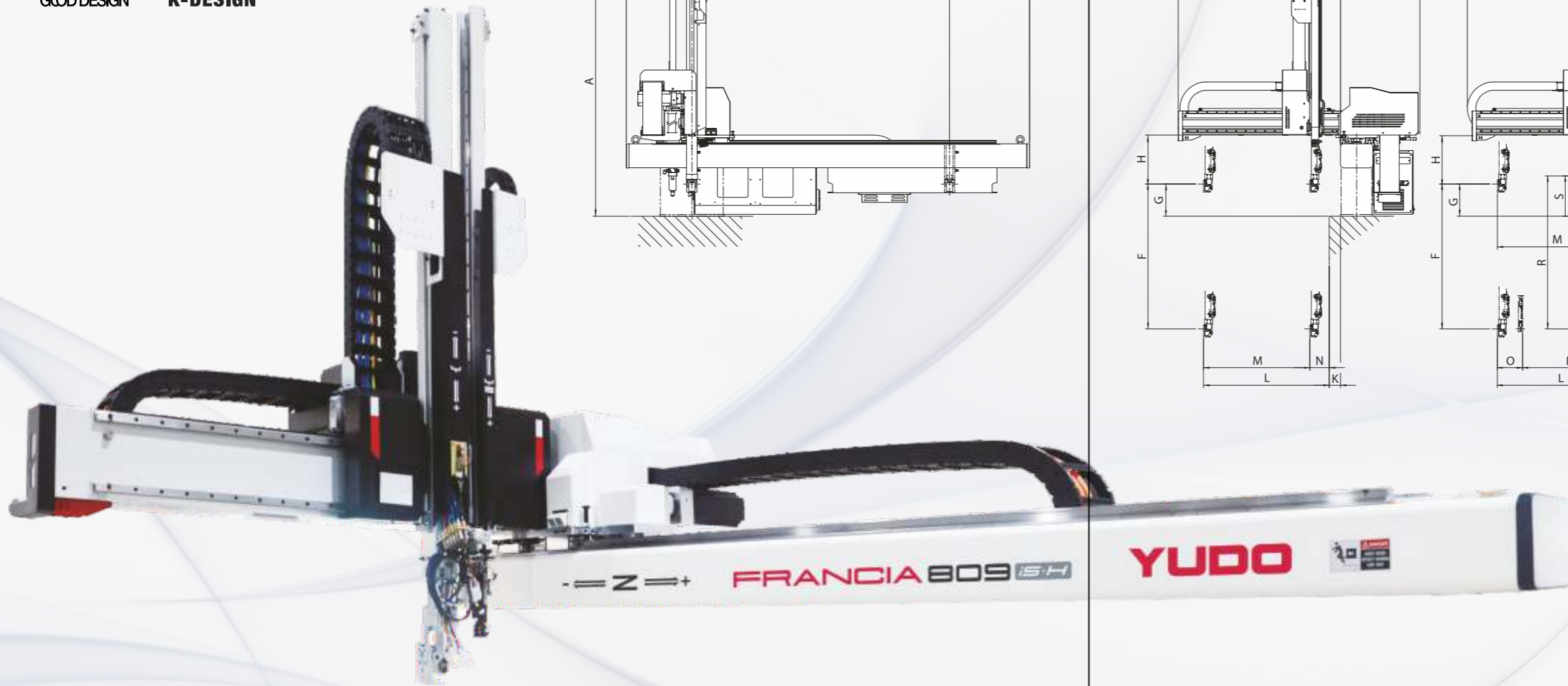
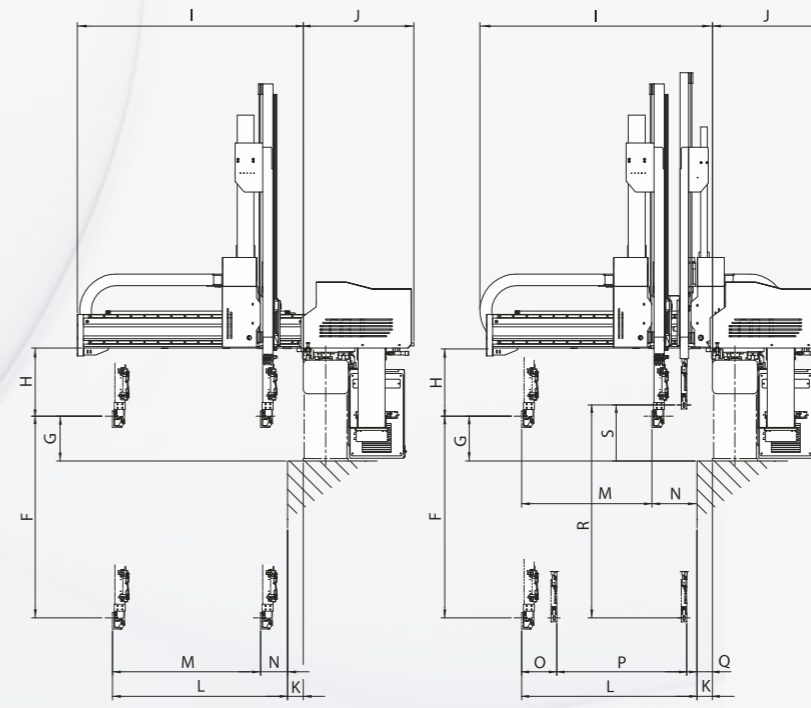
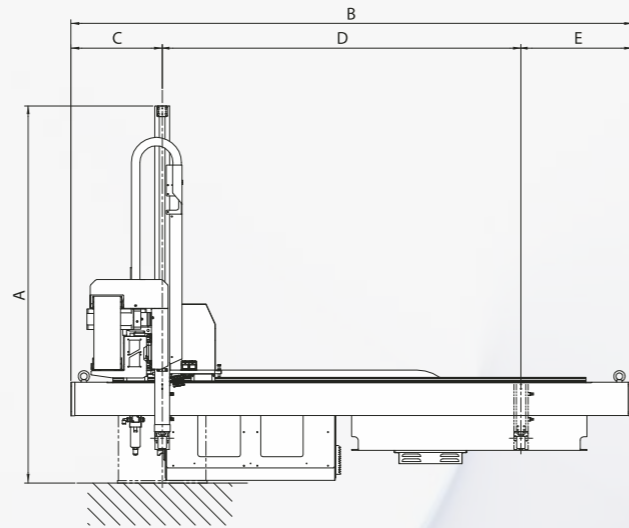
Model	Crosswise (X-axis)		Vertical (Y-axis)		Traverse (Z-axis)		Air consumption (l / Cycle(ANR))	Power consumption (kVA)	Payload (Kg)
	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)			
FRANCIA-308i-E	Ⓟ600		Ⓟ800		1,400	1.5	4.6	2.2	3
FRANCIA-308is-E	Ⓟ450	Ⓡ450	Ⓟ800	Ⓡ850					
FRANCIA-510i-E	Ⓟ780		Ⓟ1,000		1,600	1.5	4.8	2.2	5
FRANCIA-510is-E	Ⓟ690	Ⓡ690	Ⓟ1,000	Ⓡ1,050					
FRANCIA-1012-E	Ⓟ1,000		Ⓟ1,200		1,800	1.3	4.9	2.2	10
FRANCIA-1012s-E	Ⓟ930	Ⓡ930	Ⓟ1,200	Ⓡ1,250					

* Ⓟ Product side Ⓡ Runner side

Model	Outer dimension (mm)																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
FRANCIA-308i-E	1,590	2,280	530	1,400	350	800	200	300	880	455	50	680	600	80	-	-	-	-	-
FRANCIA-308is-E	1,640	2,280	530	1,400	350	800	200	300	880	455	50	680	450	230	155	450	75	850	250
FRANCIA-510i-E	1,790	2,480	530	1,600	350	1,000	200	300	1,050	525	50	920	780	140	-	-	-	-	-
FRANCIA-510is-E	1,840	2,480	530	1,600	350	1,000	200	300	1,050	525	50	920	690	230	155	690	75	1,050	250
FRANCIA-1012-E	2,000	2,710	540	1,800	370	1,200	200	300	1,270	525	50	1,190	1,000	190	-	-	-	-	-
FRANCIA-1012s-E	2,040	2,710	540	1,800	370	1,200	200	300	1,270	525	50	1,190	930	260	160	930	100	1,250	250

FRANCIA **H**

Middle size High-End Performance Class



- ▶ I.M.M (ton) 100 ~ 850
(Horizontal I.M.M)
- ▶ Traverse (mm) 1,600 / 2,300
- ▶ Vertical (mm) 900 / 1,600
(Non-Telescopic arm, Telescopic arm)
- ▶ Driving method All axes AC servo
- ▶ Payload (Kg) 5 / 8 / 15
(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

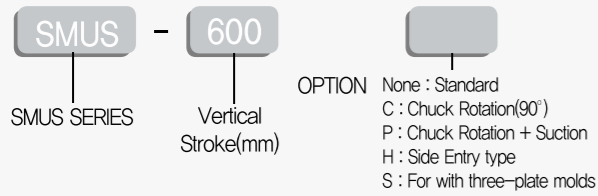


Model	Crosswise (X-axis)		Vertical (Y-axis)		Traverse (Z-axis)		Air consumption (l/Cycle(ANR))	Power consumption (KVA)	Payload (Kg)
	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)	Stroke (mm)	Speed (m/s)			
FRANCIA-509i-H	Ⓟ650	1.5	Ⓟ900	3.3	1,600	2.5	4.8	3.7	5
FRANCIA-509is-H	Ⓟ580 ⓓ580		Ⓟ900 ⓓ950						
FRANCIA-809i-H	Ⓟ830	1.5	Ⓟ900	3.3	1,600	2.5	4.8	4.2	8
FRANCIA-809is-H	Ⓟ670 ⓓ670		Ⓟ900 ⓓ950						
FRANCIA-1516-H	Ⓟ1,240	1.2	Ⓟ1,600	3.0	2,300	1.6	4.8	5.7	15
FRANCIA-1516s-H	Ⓟ1,040 ⓓ1,040		Ⓟ1,600 ⓓ1,650						

* Ⓟ Product side ⓓ Runner side

Model	Outer dimension (mm)																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
FRANCIA-509i-H	1,683	2,504	407	1,600	497	900	200	304	1,008	482	50	790	650	140	-	-	-	-	-
FRANCIA-509is-H	1,733	2,504	407	1,600	497	900	200	304	1,008	482	50	790	580	210	156	580	54	950	250
FRANCIA-809i-H	1,779	2,504	428	1,600	476	900	200	328	1,233	504	50	956	830	126	-	-	-	-	-
FRANCIA-809is-H	1,829	2,504	428	1,600	476	900	200	328	1,233	504	50	956	670	286	176	670	110	950	250
FRANCIA-1516-H	2,067	3,340	462	2,300	578	1,600	300	483	1,782	586	50	1,430	1,230	192	-	-	-	-	-
FRANCIA-1516s-H	2,080	3,340	462	2,300	578	1,600	300	483	1,782	586	50	1,430	1,030	392	249	1,030	143	1,650	350

Model Series

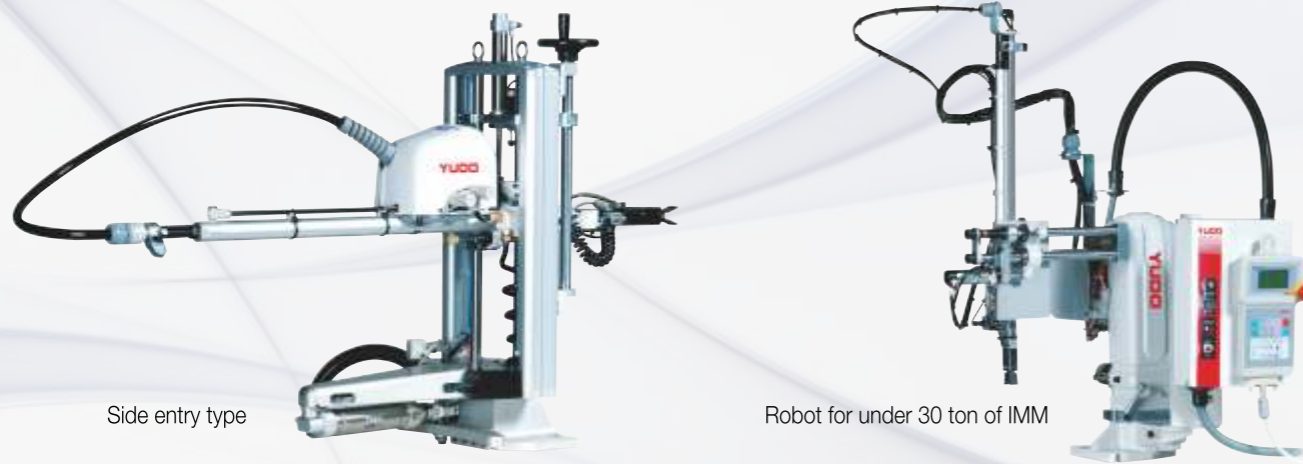


Model	Injection pressure range (ton)
SMUS-300	~ 30
SMUS-450	30 ~ 80
SMUS-600	80 ~ 160
SMUS-800	150 ~ 220



For two-plate molds

For with three-plate molds



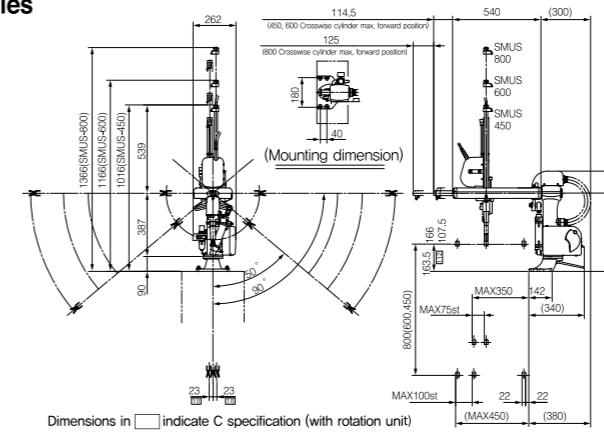
Side entry type

Robot for under 30 ton of IMM

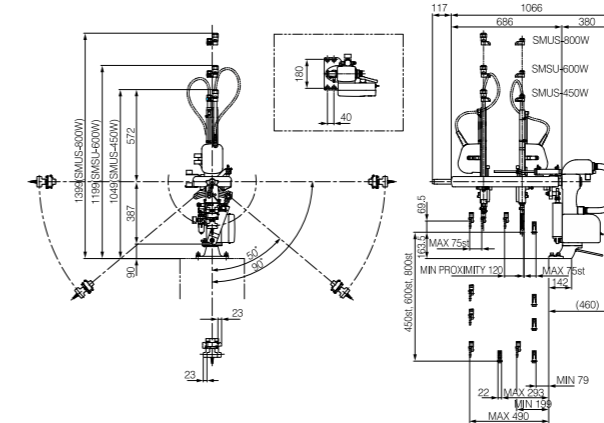
Model	Crosswise (X-axis) Stroke (mm)	Vertical (Y-axis) Stroke (mm)	Swing (°)	Air consumption (ℓ/Cycle(ANR))	Power consumption (KVA)	Payload (Kg)
SMUS-300	25	300	50 ~ 90	-	0.05	2
SMUS-450(C)(P)(S)(H)	75	450	50 ~ 90	7.4	0.05	2
SMUS-600(C)(P)(S)(H)	75	600	50 ~ 90	9.0	0.05	2
SMUS-800(C)(P)(S)(H)	100	800	50 ~ 90	10.8	0.05	2

* Please contact us for further details

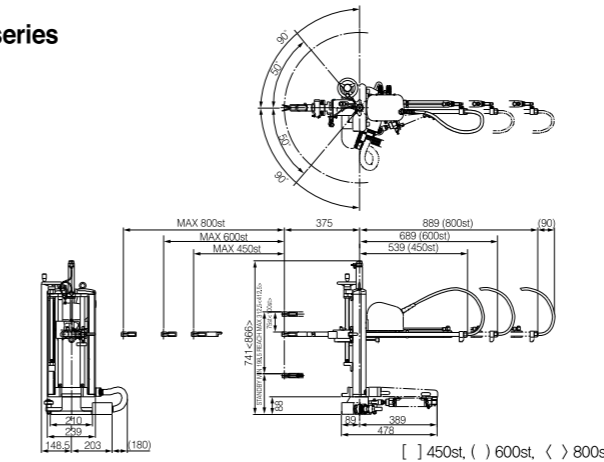
* SMUS series



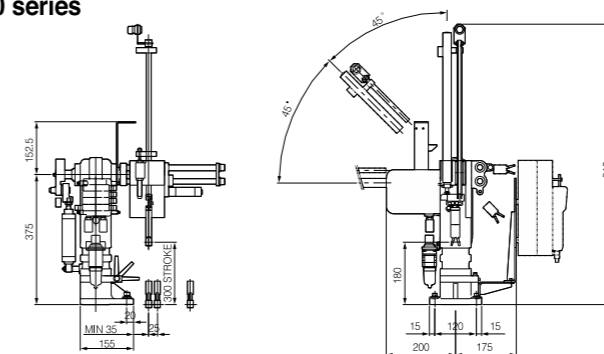
* SMUS-S series



* SMUS-H series



* SMUS-300 series



- ▶ I.M.M (ton) ~ 220 (Horizontal I.M.M)
- ▶ Vertical (mm) 300 / 450 / 600 / 800
- ▶ Crosswise (mm) 25 / 75 / 100
- ▶ Swing (°) 50 ~ 90
- ▶ Driving method Air Cylinder
- ▶ Air pressure 0.5MPa (5kg/cm²)
- ▶ Payload (Kg) 2 (Including weight of chuck unit)
- ▶ Power source AC 220V, 50/60 Hz

STEC-K4 Controller

- Preferred languages : 3 languages support (Standard-Korean, English)



YUCON-K5 Controller

- 320 x 240 high-resolution Color TFT LCD (65,536 Color)
- Preferred languages : 4 languages support (standard : Korean/English, Option : 2 languages)
- * Among 20 Unicode support languages
- Compatible with EUROMAP 12 and 67



YUCON 800

High performance multi-axis motion controller



Features

1. Convenience

- TFT Touch Screen (65536 Color)
- Multi-national language support : Basically supporting five languages (Responding to all languages in the world as an option)

2. User Friendly

- User-friendly UI design
- Easy understanding through manuals and animations
- User configures motion pattern
- Providing the sample, initial, bad emissions and statistics as well

3. Controller Reliability

- Optimizing design improves system reliability
- Energy saving by recycling of regenerative energy
- Reliable heating control

4. Program Flexibility

- Easy operation with YUDO's unique mode setting
- Easily add various actions by users program
- Respond to various market needs

Option

- Integrated control and monitoring of injection process optimization machine (MTC, Chiller, etc.)
- Productivity and equipment error report (E-mail, SMS)

YUCON 700

Premium class multi-axis motion controller



Features

1. Convenience

- TFT Touch Screen (65536 Color)
- Multi-national language support : Basically supporting five languages (Responding to all languages in the world as an option)

2. User Friendly

- 1) USER PROGRAM
 - Easy user programming with 12 command sets
 - Users can create their own motions
- 2) Easy program management
 - Easy program change and download by USB memory
 - Users abroad are able to deal with problems easily
- 3) Alarm history, operation history
- 4) Take-out robot monitoring in the office through Ethernet(10/100) (Option)

3. Stabilit

- 1) Emergency stop to avoid collision during robot's operation
- 2) Mold protection
- 3) Avoid interferential space by selling work limited area
- 4) Anti-vibration control
 - Anti-vibration control algorism installed
 - Minimize vibration by controlling telescopic part of the robot automatically

4. Performance(Energy Saving)

- 1) Servo sleep
 - Servo sleep function during stand by
 - Energy-saving effect
- 2) Power consumption display
 - Electric energy check
 - Estimated electrical bills check

Belt conveyor

Standard type belt conveyor system.



Flat Type



Slope Type

Features

- Compact and lightweight with Reinforced aluminum frame.
- Easy interface with Robot and other equipment
- Suitable for Small and medium-sized injection molding machine.
- The flat belt surface can be used as a table for a simple finishing job.

Take-out Robot Specification

Type	I.M.M (ton)	Series	Payload (Kg)	Vertical unit			Controller	Driving method		
				Product	Runner	Vertical structure		Traverse	Crosswise	Vertical
2000 ~ 3000		GIGA-5025	50	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		GIGA-3525	35	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		FRANCIA-5025	50	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
1600 ~ 2000		GIGA-3520	35	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		FRANCIA-3520	35	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
1000 ~ 1600		FRANCIA-2518	25	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-2518s	25	O	O	2x	YUCON-800	AC servo	AC servo	AC servo
450 ~ 1600		GIGA II-2015	20	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		GIGA II-2018	20	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		GIGA II-2020	20	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
450 ~ 850		FRANCIA-1516	15	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1516s	15	O	O	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1516i	15	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1516is	15	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1516-H	15	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		FRANCIA-1516s-H	15	O	O	2x	YUCON-700	AC servo	AC servo	AC servo
350 ~ 1000		GIGA II-1012	10	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		GIGA II-1015	10	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
		GIGA II-1018	10	O	X	2x	YUCON-700	AC servo	AC servo	AC servo
Traverse Type		FRANCIA-1012i-E	10	O	X	1x	WICON-700	AC servo	AC servo	AC servo
		FRANCIA-1012is-E	10	O	O	1x	WICON-700	AC servo	AC servo	AC servo
		FRANCIA-1013	10	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1013s	10	O	O	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1013i	10	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-1013is	10	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
		Ezi-1200v	10	O	X	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
		Ezi-1200sv	10	O	O	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
		FRANCIA-809i	8	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-809is	8	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
220 ~ 450		FRANCIA-809i-H	8	O	X	1x	YUCON-700	AC servo	AC servo	AC servo
		FRANCIA-809is-H	8	O	O	1x	YUCON-700	AC servo	AC servo	AC servo
220 ~ 350		SEKO-510	5	O	X	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
		SEKO-510s	5	O	O	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
220 ~ 300		FRANCIA-510	5	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-510s	5	O	O	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-510i	5	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-510is	5	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
180 ~ 300		FRANCIA-510i-E	5	O	X	1x	WICON-700	AC servo	AC servo	AC servo
		FRANCIA-510is-E	5	O	O	1x	WICON-700	AC servo	AC servo	AC servo
100 ~ 220		FRANCIA-509	5	O	X	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-509s	5	O	O	2x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-509i	5	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-509is	5	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-509i-H	5	O	X	1x	YUCON-700	AC servo	AC servo	AC servo
		FRANCIA-509is-H	5	O	O	1x	YUCON-700	AC servo	AC servo	AC servo
80 ~ 180		SEKO-509	5	O	X	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
		SEKO-509s	5	O	O	2x	YUCON-260	AC servo	Air cylinder	Air cylinder
		FRANCIA-308i	3	O	X	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-308is	3	O	O	1x	YUCON-800	AC servo	AC servo	AC servo
		FRANCIA-308i-E	3	O	X	1x	WICON-700	AC servo	AC servo	AC servo
80 ~ 220		FRANCIA-308is-E	3	O	O	1x	WICON-700	AC servo	AC servo	AC servo
		SEKO-208i	2	O	X	1x	YUCON-260	AC servo	Air cylinder	Air cylinder
Side Entry Type	150 ~ 350	SEKO-208is	2	O	O	1x	YUCON-260	AC servo	Air cylinder	Air cylinder
		ZEBA-312X-H	3	O	X	1x	YUCON-700	AC servo (Entry)	AC servo	AC servo
Swing Type	150 ~ 220	ZEBA-315X-H	3	O	X	1x	YUCON-700	AC servo (Entry)	AC servo	AC servo
		SMUS-800	2	O	X	1x	-	-	Air cylinder	Air cylinder
	80 ~ 160	SMUS-600	2	O	X	1x	STEC-K4 / YUCON-K5	-	Air cylinder	Air cylinder
		SMUS-450	2	O	X	1x	-	-	Air cylinder	Air cylinder
~ 30		SMUS-300	2	O	X	1x	-	-	Air cylinder	Air cylinder

* The table above is displayed for user's better understanding of selecting robot. Additional discussion must be made for suitable selection of robot size.

CAD SERIES

Compressed Air Dehumidifier

Optimized for high precise plastic injection molding such as mobile phones, optical lenses, light guide plates.

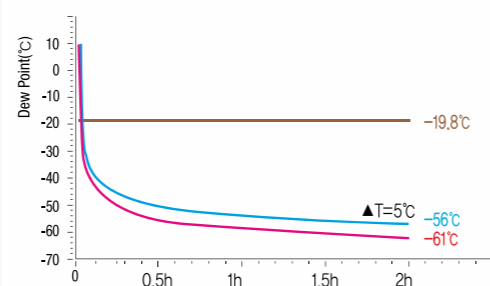


Features

- Angle adjustment function in controller part at the user's eye level
- Stainless steel cover applied
- Automatic air flow and temperature control by setting type and the amount of material.
- Daily-weekly timer(Run / Stop timer → reserve function), 486 communication port support
- Various alarm and alarm history (Max / Min Temperature Alarm, No Heat, high-pressure, low-pressure and so on)
- Drying temperature Max. 160°C
- Speedy and precise temperature control by PID control(within ±0.5°C)

Performance

(CAD series vs other same performance products)



※ Dew point can be different depending on quality of compressed air.

General specifications

Model	CAD-6A	CAD-15A	CAD-30A	CAD-50A
Power supply	AC200V/230V ±10 50/60Hz, Single phase			
Process temperature	40 °C~ 160°C			
Capacity	6	15	30	50
Air flow	4 ~ 12		6 ~ 16	
Dew point	-25°C ~ -50°C			
Heating power	0.65		0.95	
Installed power total	0.7		1.0	
Compressed air pressure	6 ~ 8			
Display	LCD Display			
Dimension (W x D x H)	430 x 330 x 450	470 x 390 x 605	500 x 450 x 680	510 x 490 x 910
Safety device	Over heat (TRIP)			

HED SERIES

Hot Air Dryer

Hot Air Recycling

Innovative Energy-saving effect with Hot Air Recycling function



Standard

Option : Insulated Hopper

Features

- Front Maintenance door applied to all models
- Consistent drying and first-in-first-out by Diffuser method
- High-drying efficiency and energy-saving by lower part and Heating unit warming
- P control : precise proportional control, Minimized temperature departure
- Weekly timer
- RS485 communication

Options

- Hot Air Recycling → 30% Energy-saving (The result of comparison with a previous model of YUDO-SUNS)
- High-temperature, two-tiered warming structure
- Controllers only for HED series Controller (P.I.D Control)
- Dehumidifier connection
- All-in-one material loading unit

General specifications

Model	Capacity (ℓ)	Heater (kW)	Blower (kW)	Power consumption (kVA)	Size (W x L x H)(mm)	Option	
						Frame	Dehumidifier connection
HED-25	42	2.8 (2.8)	0.135	2.8 (2.8)	550 x 760 x 990 (610 x 840 x 1,030)	Option	A (I) D
HED-50	84	3 (4)	0.17	3.2 (4.2)	620 x 860 x 1,150 (690 x 920 x 1,200)		
HED-75	125	4.5 (6)	0.185	4.8 (6.3)	680 x 970 x 1,230 (750 x 7,060 x 1,270)		
HED-100	167				680 x 970 x 1,510 (750 x 1,060 x 1,570)	Standard	
HED-200	334	8.5 (11)	0.46	9 (11.5)	830 x 1,090 x 2,280 (930 x 1,090 x 2,250)		
HED-300	500	12.5 (16.5)	0.5	13 (17)	1,080 x 1,310x 2,410 (1,200 x 1,350 x 2,380)		
HED-500	834	18.5 (22)	0.88	19.6 (23.1)	1,350 x 1,460 x 2,790 (1,370 x 1,560 x 2,750)		

* Figures in parenthesis refer to Insulated Hopper's specification.

HELA SERIES

Hopper Loader

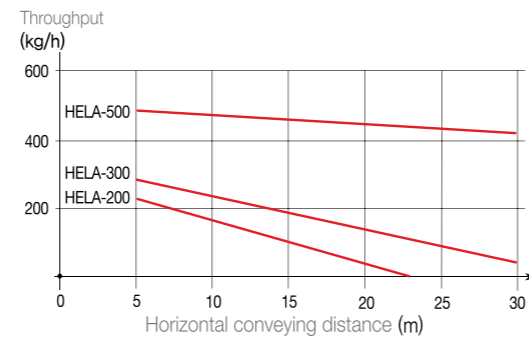


Features

- Smooth material supply by using various receivers
- A separate dust collecting cyclone collects the dusts from pulverized materials first, and a carter strains the dusts again
- Run/Stop timer is operated by LED Controller
- Transfer failure alarm

Options

- 2 receivers are able to be operated by 1 Loader



1. Conveyance condition
 - ① Resin : General-purpose virgin pellets
 - ② Bulk density : 0.6 kg/m³
 - ③ Vertical distance : 3m
2. Conveying capacities vary depending on Bulk density, Pipe material, the number of Bend, Suction valve type and other factors

General specifications

Model	Blower (kW)	Air flow (m ³ /min)	Air flow pressure (mbar)	Hose (mm)		Cyclon	Weight (kg)	Max. power consumption (KVA)
				Material	Vacuum			
HELA-200	1.5	4.25	-150	φ38.1	φ38.1	HECA-5	20	1.6
HELA-300	2.55	4.25	-260	φ38.1	φ50.8	HECA-10	25	2.8
HELA-500	3.45	5.25	-280	φ50.8	φ60.5	HECA-15	32	3.7

General specifications

Model	Limit sensor		Sensor		Motor Sensor	
	Limit sensor connector		Proximity sensor connector		Motor sensor connector	
	Standard	2 WAY (Option)	Standard	2 WAY (Option)	Standard	2 WAY (Option)
HELA-200	L	LD	A	AD	M	MD
HELA-300	L	LD	A	AD	M	MD
HELA-500	L	LD	A	AD	M	MD

※ Power : AC220/380V, 60Hz 3Phase

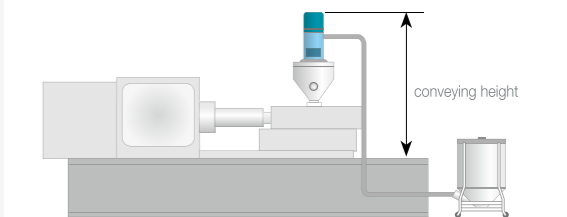
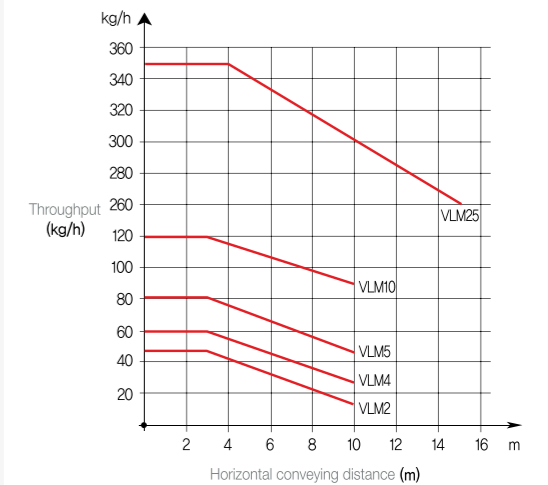
VLM SERIES

Single Phase Loader

Single loader VLM series consist of second stage blower, big filter, auto filter cleaning and removable tissue filter and gasket.



Throughput by conveying distance



• The maximum height is 2.5meters.

General specifications

Model		VLM2	VLM4	VLM5	VLM10	VLM25
Max. capacity	kg/h	40	60	80	120	350
Motor power	kW	0.85	0.85	0.9	0.9	1.8
Vacuum	mbar	180	180	210	210	210
Noise level	dB(A)	< 80	< 80	< 80	< 80	< 80
Power supply	-	AC 220V ± 10%, 50/60Hz Single phase				
Capacity	ℓ	2	4	5	10	25
Pipes φ	mm	40	40	40	40	50/60

Global Network & Service

ABIMAN Engineering, YUDO has service by building a Global Network for aggressive overseas service. Now, you will be able to meet the ABIMAN Engineering, YUDO from anywhere in the world

AFFILIATED COMPANY



ABIMAN engineering
Measurement : 43,207m²
Employees : 198
Items : Take-out Robot, Auxiliary System, Factory Automation



YUDO
Measurement : 49,360m²
Employees : 380
Items : Hot Runner Systems



StackTeck engineering
Measurement : 4,643m²
Employees : 53
Items : PET Preform & Packaging Solution

AMERICA / EUROPE



Georgia, U.S.A
Measurement : 550m²
Employees : 4
Items : Robot, Auxiliary System, Factory Automation



Michigan, U.S.A
Measurement : 2,043m²
Employees : 19
Items : Hot Runner System



Queretaro, Mexico
Measurement : 200m²
Employees : 21
Items : Hot Runner System, Robot, Auxiliary System, Factory Automation



Poland, E.U
Measurement : 1,933m²
Employees : 5
Items : Hot Runner System, Robot, Auxiliary System, Factory Automation



Portugal, E.U
Measurement : 2,645m²
Employees : 59
Items : Hot Runner System

SOUTH-EAST ASIA



Cikarang, Indonesia
Measurement : 3,218m²
Employees : 27
Items : Hot Runner System, Mold Base, Robot, Auxiliary System, Factory Automation



Singapore
Measurement : 5,960m²
Employees : 32
Items : Hot Runner System, Mold Base, Robot, Auxiliary System, Factory Automation



Samutprakan, Thailand
Measurement : 6,446m²
Employees : 85
Items : Hot Runner System, Mold Base, Robot, Auxiliary System, Factory Automation



Johor, Malaysia
Measurement : 7,639m²
Employees : 48
Items : Hot Runner System, Mold Base, Robot, Auxiliary System, Factory Automation



Vasai-East, India
Measurement : 1,500m²
Employees : 35
Items : Hot Runner System, Robot, Auxiliary System, Factory Automation

NORTH-EAST ASIA



Weihai, China
Measurement : 34,528m²
Employees : 127
Items : Robot, Auxiliary System, Factory Automation



Suzhou-1/2/3, China
Measurement : 17,214m²
Employees : 525
Items : Hot Runner System, Controller and so on



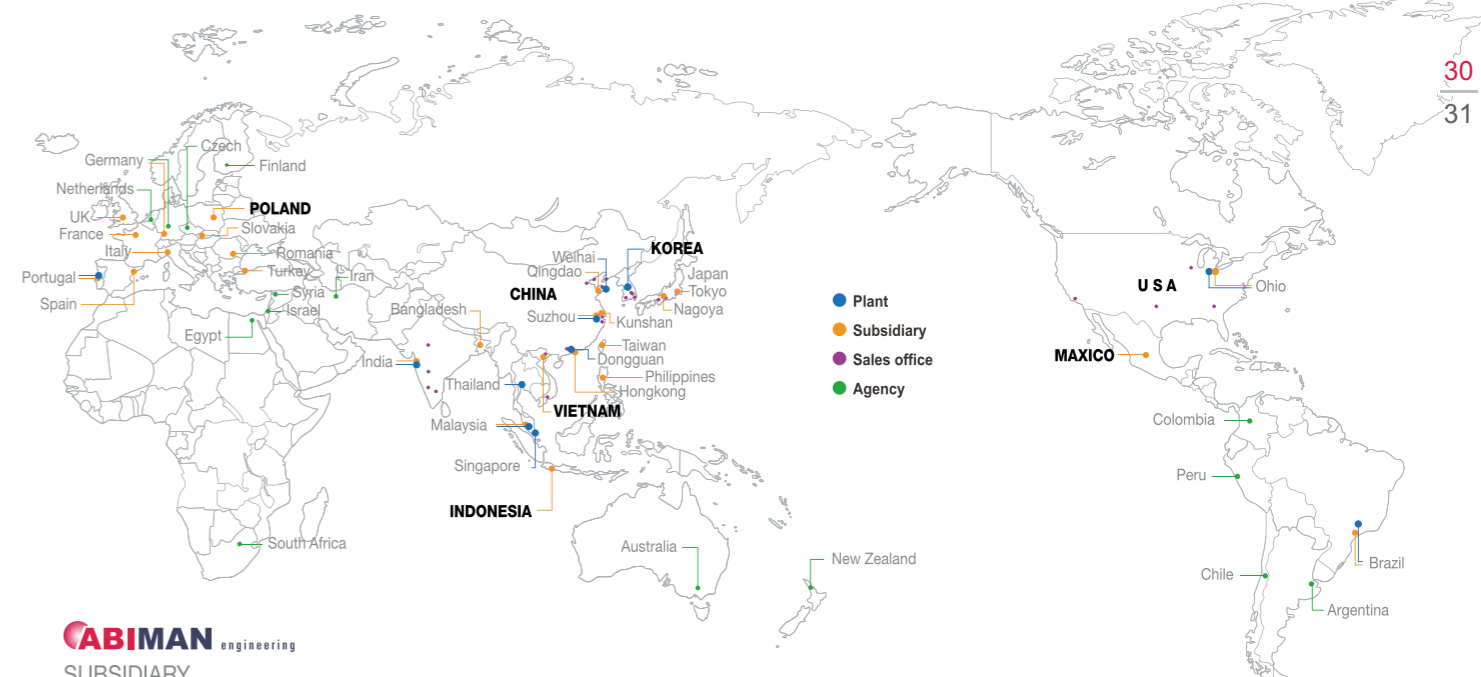
Suzhou-4, China
Measurement : 8,600m²
Employees : 80
Items : Hot Runner System, Controller and so on



Dongguan, China
Measurement : 4,000m²
Employees : 202
Items : Hot Runner System



Tokyo, Japan
Measurement : 811m²
Employees : 28
Items : Hot Runner Systems, PET Perform & Packaging



ABIMAN engineering SUBSIDIARY

U.S.A.	ABIMAN ENGINEERING USA INC Tel : +1 770 313 6400 e-mail : ralph@abimanusa.com	INDONESIA	PT.ABIMAN ENGINEERING INDONESIA Tel : + 62 21 8983 6280, 08 e-mail : dhlee@abiman.co.id	POLAND	ABIMAN ENGINEERING EUROPE Sp. z o.o. Tel : + 48 885 222 203 e-mail : yudopl.engineering1@yudoeu.com
MEXICO	ABIMAN ENGINEERING MEXICO S.A. de C.V. - Queretaro (Head Office) Tel : +52 44 2251 0504 - Monterrey (Sales Office) Tel : +52 81 1089 4761 e-mail : kevin@abimanmexico.com	CHINA	ABIMAN ENGINEERING CHINA CO.,LTD. Tel : + 86 631 597 2588 e-mail : weihaiyudo@yudowh.com.cn	VIETNAM	ABIMAN ENGINEERING VIETNAM CO.,LTD. Tel : +84 94 234 7897 e-mail : abimanvietnam@abiman.com

AGENCY

U.S.A.	E SOLUTION INC Tel: +1 714 743 0906 e-mail: steve.esminc@gmail.com	INDIA	SEMYUNG INDIA LTD. Tel: +91 98848 02645 e-mail: harry@semyungkorea.com	POLAND	LUDATEC Sp. z o.o.Sp.K. Tel: +48 602 242 170 e-mail: lz@ludatec.pl
TURKEY	ARGE ROBOTIK Tel: +90 216 527 27 03 e-mail: info@argerobotik.com	CZECH	VSP S.R.O Tel: +420 739 609 456 e-mail: fiala@ivsp.cz		

YUDO

CHINA	YUDO TRADING CO.,LTD. Tel : + 86 769 8539 4466 e-mail : info@yudo.com.cn YUDO (HONG KONG) ENTERPRISE CO.,LTD. Tel : + 852 2344 5180 e-mail : info@yudohotrunner.com.hk YUDO TIANJIN OFFICE Tel : + 86 22 5839 9351 e-mail : tianjin@yudo.com.cn YUDO (SUZHOU) H.R.S. CO.,LTD. Tel : + 86 512 6504 8882 e-mail : suzhou@yudosuzhou.com YUDO (SHANGHAI) OFFICE Tel : + 86 21 5138 6422 e-mail : shanghai@yudosuzhou.com YUDO (NINGBO) OFFICE Tel : + 86 574 8711 3033 e-mail : ningbo@yudosuzhou.com YUDO (QINGDAO) TRADING CO.,LTD. Tel : + 86 532 8765 1698 e-mail : qingdao@yudoqingdao.com YUDO (QINGDAO) TRADING CO.,LTD (WEIHAI) OFFICE Tel : + 86 631 5672 582 e-mail : wh@yudoqingdao.com YUDO (QINGDAO) TRADING CO.,LTD (DAILIAN) OFFICE Tel : + 86 131 3002 3765 e-mail : dl@yudoqingdao.com KUNSHAN YUDO-SUNS CO.,LTD. Tel : + 86 512 5791 0286	INDIA	YUDO HOT RUNNER INDIA PVT. LTD. Tel : + 91 250 3200922 e-mail : sales.mumbai@yudo.co.in - Delhi Branch Office Tel : +91 120 454 9076 e-mail : service.delhi@yudo.co.in - Pune Branch Office Tel : +91 7798884634 e-mail : sales.pune@yudo.co.in - Chennai Branch Office Tel : +91 8939625089 e-mail : sales.chennai@yudo.co.in YUDO WANCO PTE. LTD. Tel : + 65 6264 1166 e-mail : sales@yudowanco.com.sg HOA VAN HOA COMPANY LTD. - Hanoi office Tel : + 84 43 78 77 179 e-mail : yuko.joseph@yudohot.com - Ho-chiminh office Tel : + 84 938 36 23 77 e-mail : wanco_vietnam@hcm.fpt.vn	ISRAEL	ASI-AFASPEM ISRAEL LTD. Tel : + 972 4 6802770 e-mail : hrmolds@netvision.net.il	NETHERLANDS	YUDO BENELUX Tel : + 31 (0)13 5705252 e-mail : bvbueren@mouldservice.nl
		IRAN	YUDO IRAN Tel : + 98 21 22066506-7 e-mail : info@yudo.ir	IRAN	YUDO USA (Head Office) Tel : + 1 734 744 8120 e-mail : yudo@yudousa.com - Western Territory (Sales Office) Tel : + 1 805 630 3304 e-mail : mortega@yudousa.com - Central Territory (Sales Office) Tel : + 1 630 529 7487 e-mail : ksalem@yudousa.com - Mid-Western Territory (Sales Office) Tel : + 1 440 834 0167 e-mail : rkillbum@yudousa.com	POLAND	YUDO POLAND Sp. z o.o. Tel : + 48 607 352 875 e-mail : info@yudoeu.com
		SINGAPORE	YUDO WANCO PTE. LTD. Tel : + 65 6264 1166 e-mail : sales@yudowanco.com.sg	U.S.A.	YUDO USA (Head Office) Tel : + 1 734 744 8120 e-mail : yudo@yudousa.com - Western Territory (Sales Office) Tel : + 1 805 630 3304 e-mail : mortega@yudousa.com - Central Territory (Sales Office) Tel : + 1 630 529 7487 e-mail : ksalem@yudousa.com - Mid-Western Territory (Sales Office) Tel : + 1 440 834 0167 e-mail : rkillbum@yudousa.com	FINLAND	YUDO Nordic Oy Tel : + 358 3 616 1847 e-mail : info@yudofinland.fi
		VIETNAM	HOA VAN HOA COMPANY LTD. - Hanoi office Tel : + 84 43 78 77 179 e-mail : yuko.joseph@yudohot.com - Ho-chiminh office Tel : + 84 938 36 23 77 e-mail : wanco_vietnam@hcm.fpt.vn	PHILIPPINES	YUDO WANCO PHILIPPINES INC Tel : + 63 949 307 1950 e-mail : colinlee@yudowanco.com.sg	BRAZIL	SOLUTION BASE Tel : + 55 47 3435 0022 e-mail : yudo@yudosa.com.br PAULO ENGENHARIA LTDA. Tel : + 55 11 3392 5775 e-mail : yupa@yupa.com.br
		PHILIPPINES	YUDO WANCO PHILIPPINES INC Tel : + 63 949 307 1950 e-mail : colinlee@yudowanco.com.sg	THAILAND	YUDO WANCO CO., LTD. Tel : +66 2 174 7236-40 e-mail : matthew@yudowanco.co.th	PERU	TOTALMATRIX S.A.C. Tel : + 51 1 447 1652 e-mail : contactoperu@totalmatrix.com
		THAILAND	YUDO WANCO CO., LTD. Tel : +66 2 174 7236-40 e-mail : matthew@yudowanco.co.th	CHINA	YUDO CZ Tel : + 420 724 358 612 e-mail : info@yudo.cz	CHILE	TOTALMATRIX E.I.R.L Tel : + 56 2 671 8439 e-mail : contactoperu@totalmatrix.com
		MALAYSIA	MAWANCO SDN BHD. KL office Tel : + 60 3 8945 2127 e-mail : sales@mawanco.com.my YUDO WANCO (MALAYSIA) SDN BHD. JB office Tel : +60 7 2881 226 e-mail : chengch@yudowanco.com.my	RUSSIA	000 YUDIX Tel : +7 495 723 5221 e-mail : commercial@yudo.ru	MEXICO	YUDO MEXICO S.A. de C.V. - Queretaro (Head Office) Tel : +52 44 2294 5884 - Monterrey (Sales Office) Tel : +52 81 1089 4761 e-mail : yudo.daniel@yudohot.com
TAIWAN	YUDO CO., LTD. (TAIWAN BRANCH) Tel : + 886 2 2205 6677 e-mail : yudotw@yudotw.com.tw	THAILAND	YUDO WANCO CO., LTD. Tel : +66 2 174 7236-40 e-mail : matthew@yudowanco.co.th	PORTUGAL	YUDO EU SA. Tel : + 351 244 570 390 e-mail : general@yudoeu.com	ARGENTINA	Modular Mold Normalizados S.A. Tel : + 54 11 4756 7272 e-mail : info@modular-mold.com
BANGLADESH	YUDO (BD) PVT. LTD. Tel : + 88 02 9014 632 e-mail : palas@yudohot.com	MALAYSIA	MAWANCO SDN BHD. KL office Tel : + 60 3 8945 2127 e-mail : sales@mawanco.com.my YUDO WANCO (MALAYSIA) SDN BHD. JB office Tel : +60 7 2881 226 e-mail : chengch@yudowanco.com.my	FRANCE	YUDO FRANCE Tel : + 33 2 3277 4200 e-mail : flouhichi1008@yudoeu.com	EGYPT	YUDO IBERICA S.L. Tel : + 34 93 715 81 22 e-mail : ysp.gavilar@yudoeu.com
JAPAN	YUDO JAPAN CO.,LTD. Tel : + 81 3 5714 4801 e-mail : yuja@yudojpn.co.jp - Nagoya Office Tel : + 81 52 745 0361 e-mail : yuja@yudojpn.co.jp - Kyushu Office Tel : + 81 92 473 4808 e-mail : yuja@yudojpn.co.jp	INDONESIA	PT.YUDO INDONESIA Tel : + 62 21 8983 6280, 08 e-mail : ryu@yudo.com.sg	SPAIN	YUDO EU SA. Tel : + 351 244 570 390 e-mail : general@yudoeu.com	SOUTH AFRICA	HESTICO PTY. LTD. Tel : + 27 11 786 5228 e-mail : victors@hestico.co.za
		AUSTRALIA	STM AUSTRALIA PTY. LTD. Tel : + 61 3 9805 9510 e-mail : sales@stm.net.au	ROMANIA	ROMOULD YUDO ROMANIA Tel : + 40 213 272 115 e-mail : yudoro.nicu@yudoeu.com		C&C CORPORATION Tel : + 20 2 2516 7926 e-mail : jinylee52@yahoo.co.kr
		NEW ZEALAND	STM SALES LTD. Tel : + 64 9 8206454 e-mail : sales@stm.net.au	ITALY	YUDO ITALY SH Tel : + 39 2 99 551 78 e-mail : giovanni.pasolini@yudoitaly.com		YUDO GERMANY GmbH. Tel : + 49 711 707 30370 e-mail : info@yudo-germany.com
		SYRIA	SAWAS TRADING GROUP Tel : + 963 21 2254756 e-mail : swsco@scs-net.org				

ABIMAN engineering CO.,LTD.

Headquarter 34, Pureundeulpan-Ro 567 Beon-Gil, Paltan-Myeon,
Hwaseong-Si, Gyeonggi-Do, 18529, Korea
T_ +82-31-659-9100 F_ +82-31-659-7327
www.abimaneng.com



ARGE ROBOTİK OTOMASYON SAN. VE TİC. LTD. ŞTİ.
Aydinlar Mah. Mermerciler Cad. No: 12 Çekmeköy - İSTANBUL / TÜRKİYE
Tel: 0 216 527 27 03 (pbx) Fax: 0 216 527 27 04
www.argerobotik.com | info@argerobotik.com



The copyright of technical information contained in this catalog is owned by Abiman Engineering Co.,Ltd. any unauthorized, distribution, copying or use of the information contained in this catalog is strictly prohibited. This information is subject to change without notice when improving the quality of products. [Ver.6.0 2020. 03 Take-out Robot]