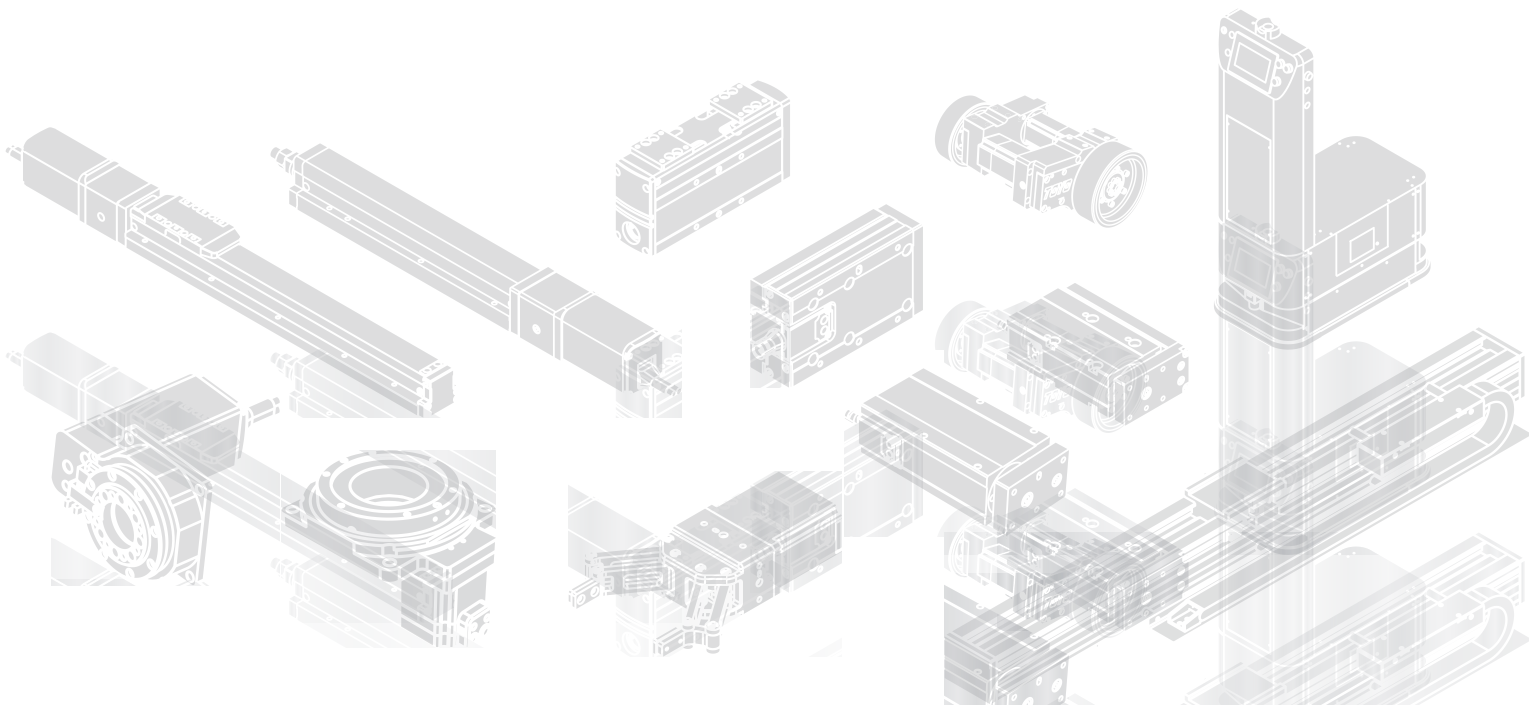




Company profile

# TOYO AUTOMATION CO., LTD



FA View

Solution

**TOYO**

Even since the beginning of automation development in Taiwan, from simple automation processes in the early periods to the current connection with industry 4.0, Toyo has always been present.

For a long time, we have focused on the development of professional miniature robots, ranging from the simplest control single-axis linear actuator without motor to the complete solution of full motor kits and control systems, all proudly manufactured in Taiwan. We strive to evolve and accommodate to the changes out there on the market today.

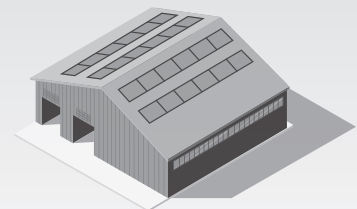
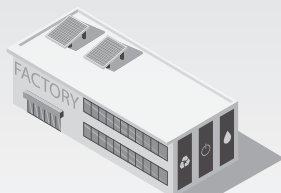
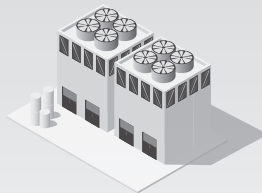
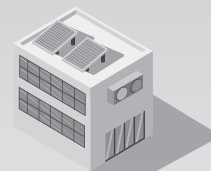
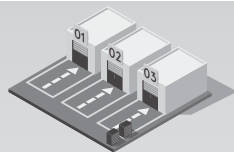
The market of small robotic arms requires rapid innovation and the notions to **"Discover Demands"** and **"Change Voluntarily"** are the original intentions that we have always kept. Change voluntarily has always been our core belief and the driving force that pushes our company forward.

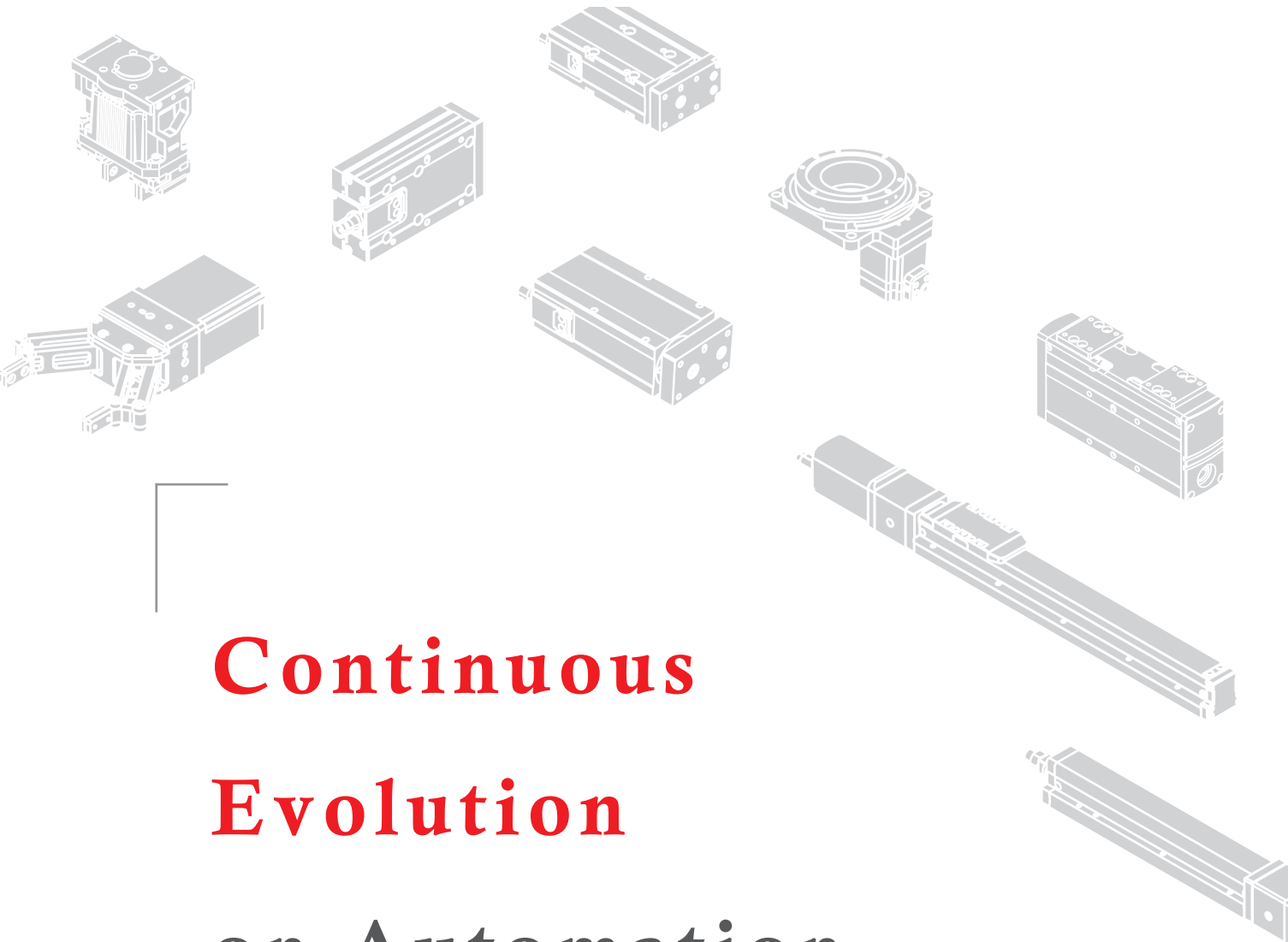
At Toyo, we handle our customer's requests with care. For different manufacturing procedure from each industry, TOYO has always focus on how to shorten cycle time and reduce machine down time during product development.

Through energy saving, reduction of wiring, servo motor integration and other improvements, more values were added to automation equipment manufactured in Taiwan.

The philosophies of Toyo have always been **"Product Evolution"**, **"Stable Quality"** and **"Seek Excellence"**. We sincerely hope that Toyo can exceed your expectations and become the partner that will grow with your business.

FA





**Continuous  
Evolution  
on Automation**

# ROBOTS



# Business Introduction

## 6 Major Products Of Linear Drive

Through continuous research and development effort, Toyo is able to accommodate the automation requirements for all types of manufacturing processes.

An assortment of linear servo cylinder with/without controller system and automatic guided vehicle system included, sums up to a total of thousands of product types. Accuracy positioning and speed control enables linear movement or pick-up/release operations.

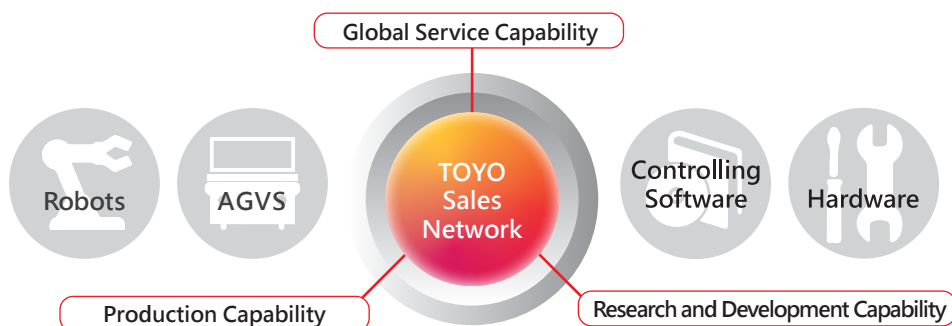


- ⊕ Flexible customization
- ⊕ Stable quality

- ⊕ Versatile product line
- ⊕ Short delivery time

- ⊕ High price-performance ratio

## Operational strategy



Examples of Toyo automatic robot technology application can be seen in all types of manufacturing processes that relates to people' s daily life. Including industries such as medical, food products, computer, mobile phones, automotive and aerospace. We have continuously developed and introduced modern linear drive automatic robots that aims to solve the issues of insufficient labor forces and wage increases that the global manufacturing industry is facing today. Based on your needs, we provide the best products that enriches your life.

## Industry Application



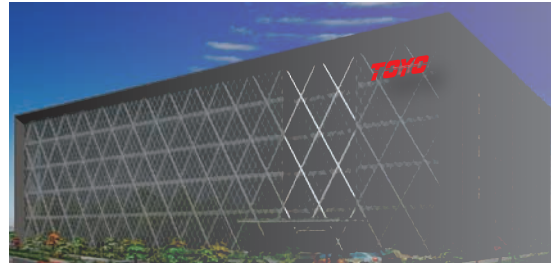
## Manufacturing Process Application



# Basic Information

## Company Profile

Company Name	TOYO Automation Co., Ltd.
Established On	2000
Registered Capital	NTD\$220,000,000
Address	No. 55, Xinji 3rd Rd., Annan Dist., Tainan City 709, Taiwan.
Telephone	+ 886-6-2021347
Fax	+ 886-6-2025974
Website	www.toyorobot.com



Tainan headquarters

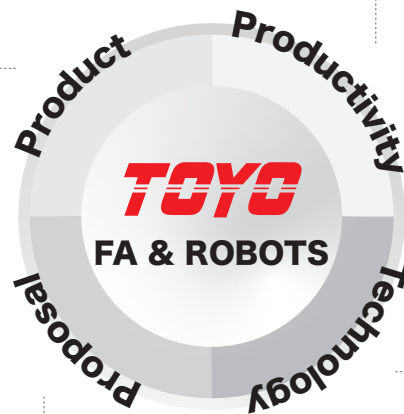


From automotive to machine tool, 3C electronics, food and medical supplies, the use and application of automatic robots are versatile and broad. Since Toyo begun to manufacture and sell robots with control systems in Taiwan, it has **improved value of domestic supply chain with market leading product development.**



Corresponding to various market demand, Toyo manufacturing system has evolved into a flexible model that accommodates to the customer' s demand, **with 60% of manufacturing line catering to customize productions.** While maintaining high quality, low cost and short delivery time in mind, we also adjust our production lines to match the customer' s demands.

When new manufacturing procedure and products are being developed, upgrades and adjustments to the equipment are generally required. **Toyo is capable of providing the best automation proposal that best fits your need,** by listening to the functionalities and qualities that you demand, improvements on previous engineering affords, reduction of work station and energy, plus lowering manufacturing cost.



Conceptualized from the idea to satisfy the customer' s demand for products with high rigidity, Toyo is able to develop various techniques that improve the structure of our linear actuators. Changes to the design of current control system are also made to make it easier for the user. **There are currently over 20 patents, trademarks and models registration owned by Toyo.**



## Service System



### Free sample machine for lending

Standard sample tester available for lending to the customer at no cost! Please contact your local sales representative or distributor.

Free



### Exhibition

Exhibitions are organized in order for the customer to understand more about our products. Please contact us for more information.



### 24 hours online services

Year round 24 hours on call service that provides product solutions anytime you call for the region of China and Taiwan..

24 Taiwan : 0800-800-893  
24 China : 400-875-0009

Free



### Exhibition Touring Truck

In order for the customer in Taiwan to experience and understand our products, we have established the Toyo Exhibition Touring Truck project. Please contact us for more information.

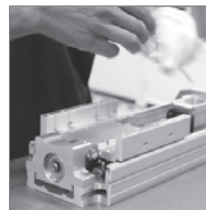
Free



### Sharing of technical tips

We host product seminars/technical workshops to share our most advanced technologies with our customers.

Free



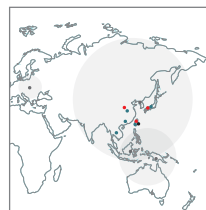
### Inspection, Repairment

We provide the inspection and repairment service. Even the warranty period has expired, we will provide repairment services with resonable cost.



### Training Center

In training center, you can see the actual product and the demo machine. Also, we provide training of various technologies imported into the robot, technical consultation and related course. Please contact us for further information.



### Worldwide Sales Network

Completed distribution network and after-sales service sites are established. For further details, please contact the relevant regional distributors.

## Quality System

### Quality Assurance Certification



9001 14001 18001

Passed ISO9001, ISO14001 and OHSAS18001 international certification.

### Patented Technologies



# M398055 # M429543 # M440838 # M523013 # M523014 # M523015



# M523016 # M523017 # M534739 # M523019 # M523018 # I530627

Patent applications certified by the Intellectual Property Office of Ministry of Economic Affairs.

### Awards



Got 9th Taiwan Business Startup Award



CGTH/CGTY Sreies Got 2018 Taiwan Excellence Awards



Got 19th Taiwan Business Rising Star Award

# Toyo Product Lineup



10 days  
delivery time for  
standard products

10 days delivery time for standard products. Please contact your local sales representative for products with special requirements.

24 Taiwan : 0800-800-893

24 China : 400-875-0009

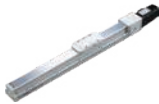
## Single-axis Linear Actuator (Without motor)

Compatible with motors manufactured by other brands

Built-in Guideway Actuator-Slide Type

**GTH**  
Ball Screw Type

GTH4  
GTH5  
GTH8  
GTH12  
GTH5S  
GTH8S



Built-in Guideway Actuator-Rod Type

**GTY**  
Ball Screw Type

GTY4  
GTY5  
GTY8  
GTY12



Slide Type Actuator

**ETH**  
Ball Screw Type

ETH13 ETH22  
ETH14 ETH17M  
ETH17 ETH22M



IP66 water-proof Actuator

**GPH**  
Ball Screw Type

GPH5  
GPH8  
GPH12



Slide Type Actuator

**ETB**  
Belt Type

ETB5 ETB14M  
ETB6 ETB17M  
ETB10 ETB22M



European Type Actuator

**M**  
Belt Type

MH65  
MH80  
MK65  
MK85  
MK110



Cleanroom type Actuator

**ECH**  
Ball Screw Type

ECH14 ECH17M  
ECH17 ECH22M  
ECH22



Cleanroom type Actuator

**ECB**  
Belt Type

ECB5 ECB14  
ECB6 ECB17  
ECB10 ECB22



Built-in Guideway Cleanroom Type Actuator

**GCH**  
Ball Screw Type

GCH4  
GCH5  
GCH8



## Multi-axis Actuator (Without motor)

Combination of 2 axes / 3 axes, greatly reduce the assembly time

Multi Axis Actuator

**XYTH**  
Ball Screw Type

XYTH650-A  
XYTH760-A  
XYTH870-A  
XYTH876-A



Arm Type  
A-Type

XYTH760-G  
XYTH870-G  
XYTH876-G



Gantry Type  
G-Type

XYTH650-P  
XYTH760-P  
XYTH880-P  
XYTH886-P



Polar Coordinate  
Type P-Type

XYTH760-F



XY Type  
F-Type

Multi Axis Actuator

**XYTB**  
Belt Type

XYTB650-A  
XYTB760-A  
XYTB870-A  
XYTB876-A



Arm Type  
A-Type

XYTB870-G  
XYTB876-G



Gantry Type  
G-Type

Built-in Guideway Multi Axis Actuator

**XYGT**  
Ball Screw Type

XYGT210  
XYGT320  
XYGT430  
XYGT440  
XYGT321  
XYGT432



Arm Type  
A-Type

## Servo Cylinder

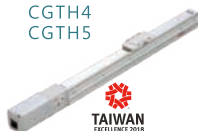
The best option for pneumatic cylinder replacement

Closed-loop stepping motor

Built-in Guideway Cylinder -Slide Type

**CGTH**

CGTH4  
CGTH5



TAIWAN  
EXCELLENCE 2018

Built-in Guideway Cylinder -Rod Type

**CGTY**

CGTY4  
CGTY5



TAIWAN  
EXCELLENCE 2018

Built-in Guideway Cylinder -Cleanroom Type

**CGCH**

CGCH4  
CGCH5



Class  
10

Miniature Cylinder

**CS**

CSH20  
CSF20  
CSS20



Electric Gripper

**CH**

CHZ20 CHS2-S20  
CHZ25 CHS2-S40  
CHG2 CHS2-S68  
CHY2-S80 CHB6-S11  
CHY2-S150 CHB6-S14



Servo motor

Built-in Guideway Cylinder -Slide Type

**DGTH**

DGTH4  
DGTH5



New  
Released

Built-in Guideway Cylinder -Rod Type

**DGTY**

DGTY4  
DGTY5



New  
Released

Mini Cylinder

**DM**

DMG25  
DMG40  
DMH25  
DMH40



New  
Released

Rotary Cylinder

**DNT**

DNT60



New  
Released



# Toyo Product Lineup

TOYOROBOT

www.toyorobot.com

Free member registration

2D/3D images download

Real time model selection software

Taiwan : 0800-800-893  
China : 400-875-0009

## Single Robot

3 highly reliable and trustworthy specifications

Servo motor	Build-in Linear Guide Robot-Slide Type <b>SGTH</b> Ball Screw Type		Build-in Linear Guide Robot-Rod Type <b>SGTY</b> Ball Screw Type		Rotary Cylinder <b>SNT</b>	
	SGTH4 SGTH5 SGTH8	2nd Generation	SGTY4 SGTY5 SGTY8	2nd Generation	SNT85 SNT130 SNT200	New Released





## Linear Motor Robot

High speed, high acceleration/deceleration, twin load

Linear motor	Flat Type Linear Motor Robot with Iron Core <b>LTF</b>	Flat Type Linear Motor Robot with Iron Core <b>LCF</b> Clean Room Type	Flat Type Linear Motor with Iron Core <b>LAF/LSF</b> Aluminum Iron	U Type Linear Motor Robot without Iron Core <b>LAU</b>	Shaft Type Linear Motor Robot <b>LMR</b>	Flat Type Built-in guideway Linear Motor Robot <b>LGF</b>
	LTF15 LTF20 LTF30 LTF45 LTF75	LCF15 LCF20 LCF30 LCF45 LCF75	LAF7/LSF7 LAF15/LSF15 LAF20/LSF20 LAF30/LSF30	LAU3 LAU5	LMR20 LMR25 LMR32	LGF15 New Released

## Cartesian Coordinates Robot

U shaped, cantilever, polar coordinates, cross shaped and more

Desktop Robot <b>JTH</b> Ball Screw Type		Desktop Robot <b>JTB</b> Belt Type	
		JTB-200 JTB-300 JTB-400 JTB-500 JTB-500D	2nd Generation
Ball Screw Type High Rigidity ball screw Robot <b>DTH/DTHS</b> Servo Motor Stepping Motor		Belt Type High Rigidity Belt Driven Robot <b>DTB/DTBS</b> Servo Motor Stepping Motor	
DTH650-A DTH876-A DTH760-A DTH870-A			

## Robot specific controllers (1 ~ 4 axis)

High performance control system

Single axis controller <b>TC</b> Stepping Motor		Servo Motor Controller <b>XC/SC</b> Servo Motor		
TC100	台灣精品 2018	XC100 SC100	New Released	
4 axis Controller <b>TSC</b>				
TSC400 TSC400S	TSC400 Servo Motor	TSC400S Stepping Motor		

## Automatic Guided Vehicle

MES compatible to achieve industry 4.0

Basic Type AGV Unit <b>UWR20B</b>	Basic Type AGV Unit <b>SWR</b>	Servo Controller <b>ABH3</b>	Basic Type AGV Cart <b>Pickup-85D</b>	Standard Platform AGV Cart <b>Pickup-E64</b>	Lift Type AGV Cart <b>Carry-K65</b>
					
Standard Type AGV Unit <b>UWR30B</b>	Standard Type AGV Unit <b>AWR11</b>		Automatic Guided Vehicle		
					
Drive Kit					

# 01

# Electric Actuator Series

## Single-axis Linear Actuator

Without motor



Ball Screw Drive



Belt Drive



Clean Room



Built-in Guideway



Built-in Guideway Ball Screw Actuator	GTH Series	GTY Series	GCH Series	GCY Series
				
Repeatability $\pm 0.01\text{mm}$				
	110 kg	110 kg	50 kg	50 kg
	50~1250 mm	50~800 mm	50~1100 mm	50~800 mm

Max. Payload

Stroke Range

Ball Screw Standard Actuator	ETH Series	Y Series	ECH Series
			
Repeatability $\pm 0.01\text{mm}$			
	150 kg	110 kg	150 kg
	50~1500 mm	50~500 mm	50~1500 mm

Max. Payload

Stroke Range

Belt Drive Standard Actuator	ETB Series	M Series	ECB Series
			
	Repeatability $\pm 0.04\text{mm}$	Repeatability $\pm 0.1\text{mm}$	Repeatability $\pm 0.04\text{mm}$
	85 kg	200 kg	85 kg
	50~3500 mm	50~5000 mm	50~4050 mm

Max. Payload

Stroke Range

# Multi-axis Linear Actuator

Without motor



Ball Screw Drive



Belt Drive



Clean Room



Built-in Guideway



**Built-in Guideway Ball Screw Cartesian Robot**

**XYGT Series**



Repeatability  $\pm 0.01\text{mm}$

10 kg Max. Payload

1250x550x350 mm Stroke Range

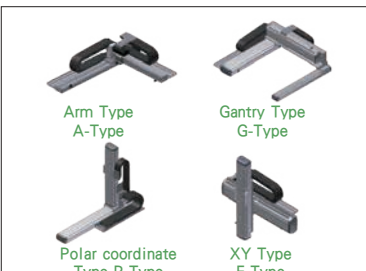
**Ball Screw Cartesian Robot**

XYTH Series	XYCH Series
	
X · Y · Z axis Repeatability $\pm 0.01\text{ mm}$	
22 kg	22 kg
1500x1050x550 mm	1500x1050x550 mm

Max. Payload

Stroke Range

**Combination**





Arm Type A-Type

Gantry Type G-Type

Polar coordinate Type P-Type

XY Type F-Type


**Belt Type Cartesian Robot**

XYTB Series	XYCB Series
	
X axis Repeatability $\pm 0.04\text{ mm}$ Y · Z axis Repeatability $\pm 0.01\text{ mm}$	
22 kg	22 kg
1500x1050x550 mm	1500x1050x550 mm

Max. Payload

Stroke Range

**Combination**



Arm Type A-Type

Gantry Type G-Type

Polar coordinate Type P-Type

XY Type F-Type

# 02

# Servo Cylinder Series

## Servo Cylinder

With motor & controller



Built-in Guideway Cylinder	CGTH Series	CGTY Series	CGCH Series	CGCY Series		
	Repeatability $\pm 0.01\text{mm}$					
	30 kg	30 kg	30 kg	30 kg	Max. Payload	
	50~800 mm	50~600 mm	50~800 mm	50~600 mm	Stroke Range	
Miniature Cylinder	CSF Series	CSH Series	CSS Series			
	Repeatability $\pm 0.02\text{ mm}$					
	6 kg	6 kg	6 kg	Max. Payload		
	30/50 mm	30/50 mm	30/50 mm	Stroke Range		
Corresponding controller						
 <b>TC100</b>		 Closed-Loop Stepping Motor 25W/40W				
		 Position Control 127 Points		 Pulse Control LD/OC		
		 Communication Control RS485		 Input Voltage DC24V		

# Servo Cylinder

With motor & controller



Ball Screw Drive



Servo Motor Clean Room



Built-in Guideway



Built-in Guideway Cylinder	<b>DGTH Series</b>	<b>DGTY Series</b>	
	Repeatability $\pm 0.01\text{mm}$		
	25 kg	25 kg	Max. Payload
	50~800 mm	50~600 mm	Stroke Range

Mini Cylinder	<b>DMG Series</b>	<b>DMH Series</b>	
	Repeatability $\pm 0.02\text{ mm}$		
	15 kg	12 kg	Max. Payload
	50~100 mm	50~100 mm	Stroke Range

Corresponding controller	
 <b>XC100</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">               Servo Motor 25W/40W         </div> <div style="text-align: center;">               Position Control 127 Points         </div> <div style="text-align: center;">               Pulse Control LD/OC         </div> <div style="text-align: center;">               Communication Control RS485         </div> <div style="text-align: center;">               Input Voltage DC24V         </div> <div style="text-align: center;">               LD/OC separated to reduce noise         </div> <div style="text-align: center;">               EtherCat Available         </div> </div>

# 03

# Linear Motor Robot Series

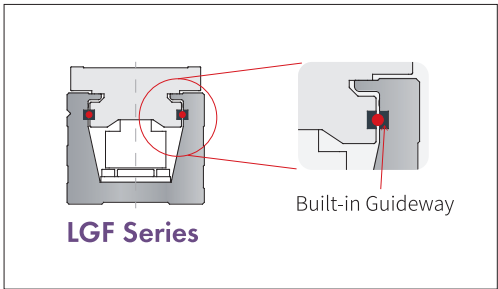
## Linear Motor Robot

With motor & controller



Built-in Guideway Linear motor Robot

<b>LGF Series</b>	
	
Repeatability $\pm 0.002\text{mm}$	
20 kg	Max. Payload
200~1370 mm	Stroke Range

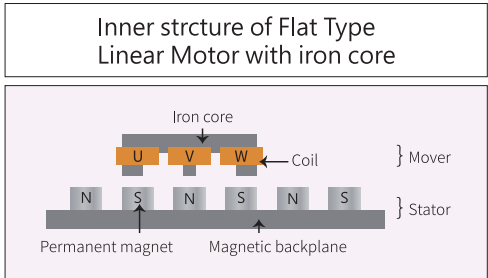


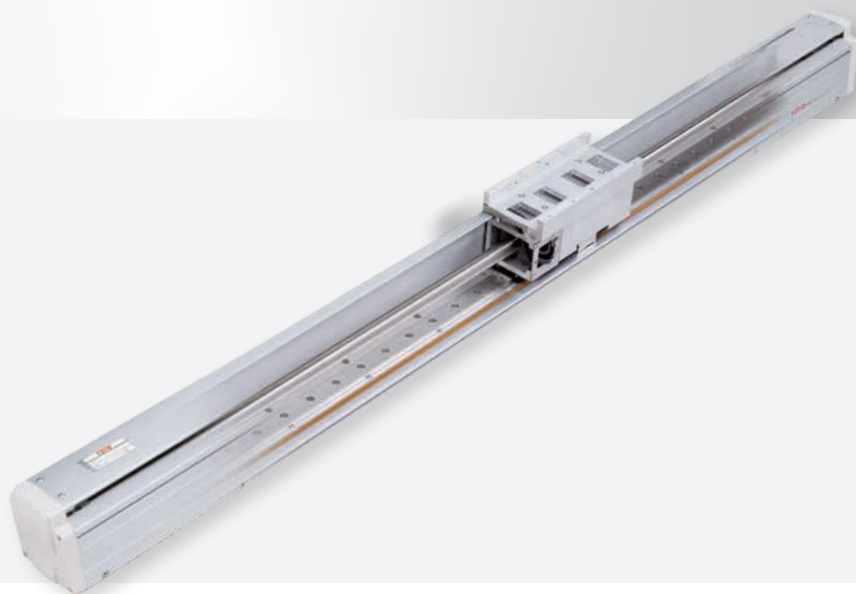
Flat Type Linear Motor Robot

<b>LTF Series</b>	<b>LCF Series</b>	
		
Repeatability $\pm 0.002\text{mm}$		
120 kg	120 kg	Max. Payload
140~3080 mm	140~3080 mm	Stroke Range

Flat Type Linear Motor Robot

<b>LAF Series</b>	<b>LSF Series</b>	
		
Repeatability $\pm 0.002\text{mm}$		
50 kg	50 kg	Max. Payload
110~1600 mm	110~1600 mm	Stroke Range





# Linear Motor Robot

With motor & controller

 Linear Motor Drive
  THK LM Guide
  Clean Room
  Built-in Guideway

U Type Linear Motor Robot

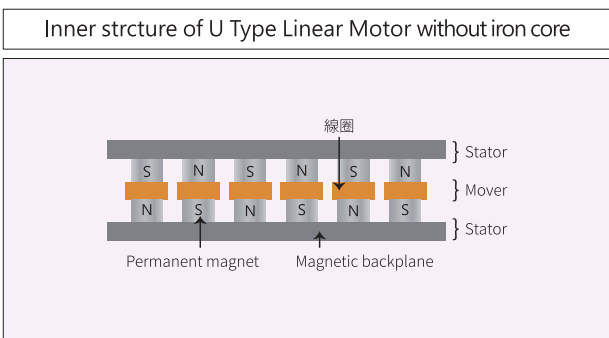
**LAU Series**



Repeatability  $\pm 0.002\text{mm}$

15 kg Max. Payload

90~1290 mm Stroke Range



Shaft Type Linear Motor Robot

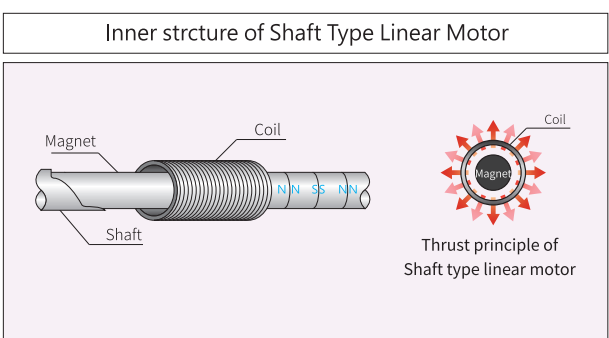
**LMR Series**



Repeatability  $\pm 0.002\text{ mm}$

51 kg Max. Payload

50~1940 mm Stroke Range








# 04

# Electric Gripper Series

## Electric Gripper

With motor & controller

-   
 Closed-Loop Stepping Motor
-   
 Max.Stroke 68mm
-   
 Max.Speed 200mm/s
-   
 Max.Gripping Force 509N
-   
 Controller TC100



	CHZ20		CHZ25			
Shaft Type Electric Gripper						
	Repeatability ±0.02mm					
	98 N		98 N		Max.Gripping Force	
	10 mm		14 mm		Max.Open-Close Stroke	
	Corresponding controller					
						
	<b>TC100</b>					
						
	Closed-Loop Stepping Motor		Position Control 127 points		Communication Control RS485	
						
	Input Voltage DC24V					
	CHB6-S11		CHB6-S14			
Came Type Electric Gripper						
	Repeatability ±0.02mm					
	2.4 N		7 N		Max.Gripping Force	
	11 mm		14 mm		Max.Open-Close Stroke	
	CHS2-S20		CHS2-S40		CHS2-S68	
Ball Screw Electric Gripper						
	Repeatability ±0.01mm					
	124 N		258 N		509 N	
	20 mm		40 mm		68 mm	
	Max.Gripping Force					
	Max.Open-Close Stroke					





## Controller Built-in Electric Gripper

With motor & controller



Closed-Loop Stepping Motor   Max.Stroke 150mm   Max.Speed 200mm/s   Max.Gripping Force 120N   Built-in Controller

Controller Built-in Electric Gripper

**CHG2**



Repeatability  $\pm 0.05\text{mm}$

15 N

Max.Gripping Force

30 mm

Max.Open-Close Stroke

Long Stroke Electric Gripper

**CHY2-S80**



**CHY2-S150**



Repeatability  $\pm 0.05\text{mm}$

120 N

45 N

Max.Gripping Force

80 mm

150 mm

Max.Open-Close Stroke

### Built-in Controller

- Gripper and controller integrated, one piece design.
- With optional fange, CHY/CHG2 gripper can connect robot end directly.
- Plug and play. Saving time and convenience.



Rotary Switch Settings



Closed-Loop Stepping Motor



Communication Control RS485



Input Voltage DC24V



TM Plug & Play Solution

# 05

# Desktop Robot Series

## Desktop Robots

With motor & controller



Ball Screw Drive



Servo Motor



TSC400



- Servo Motor
- Max.Stroke  
500x500mm
- Max.Speed  
600mm/s
- Z axis  
Payload  
10Kg
- Built-in  
Controller  
TSC400
- Input  
Voltage  
110V/220V
- Repeatability  
 $\pm 0.01$ mm
- Programs  
512
- Points  
10000

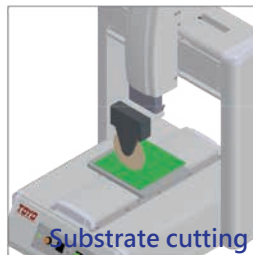
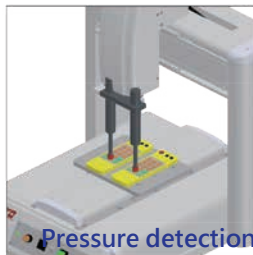
Ball SCrew Desktop Robot

JTH2(2 axis)	JTH3(3 axis)	JTH3R(4 axis)
XYZ axis : Repeatability $\pm 0.01$ mm		
X:15 Y:15 kg	X:15 Z:15 kg	X:15 R:3 kg
X.Y:200/300/400/500 mm	X.Y:200/300/400/500 mm Z:100/150 mm	X.Y:200/300/400/500 mm Z:100/150 mm R: $\pm 360^\circ$

Max. Payload

Stroke Range

## Application



# Desktop Robots

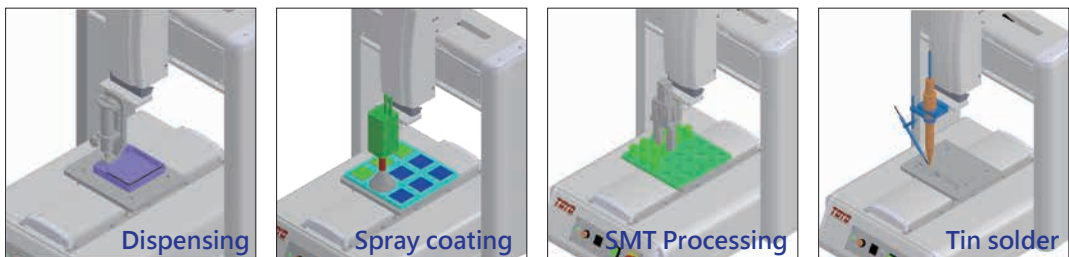
With motor & controller



- Closed-Loop Stepping Motor
- Max.Stroke 500x500mm
- Max.Speed 500mm/s
- Z axis Payload 6Kg
- Built-in Controller TSC400
- Input Voltage 110V/220V
- Repeatability  $\pm 0.02$ mm
- Programs 512
- Points 10000

Belt Type Desktop Robot	JTB2(2 axis)	JTB3(3 axis)	JTB3R(4 axis)	
	XY axis : Repeatability $\pm 0.04$ mm ; Z axis : Repeatability $\pm 0.02$ mm			
	X:10 Y:10 kg	X:10 Z:6 kg	X:10 R:3 kg	Max. Payload
X,Y:200/300/400/500 mm	X,Y:200/300/400/500 mm Z:100/150 mm	X,Y:200/300/400/500 mm Z:100/150 mm R: $\pm 360^\circ$	Stroke Range	

## Application

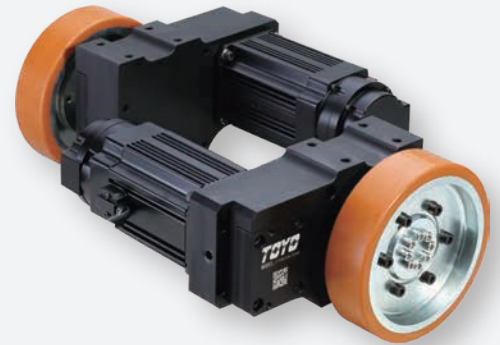


**06**

# Automatic Guided Vehicles

## AGV Drive Kit

With motor & controller



Drive Kit

**UWR20B**



**UWR30B**



DC24V

Battery Voltage

600 kg

900 kg

Max. Payload

5~50 m/min

5~50 m/min

Max.Speed

Drive Kit

**SWR Series**



**AWRII Series**



DC24V

Battery Voltage

700 kg

3800 kg

Max. Payload

5~54 m/min

5~60 m/min

Max.Speed

Controller



**ABH3**



# Automated Guided Vehicle

With motor & controller



Pickup Cart	<b>Pickup-B62</b>	<b>Pickup-B62</b>	<b>Pickup-85D</b>	<b>Pickup-85D</b>	
					
	DC24V/26AH	DC24V/50AH	DC24V/50AH	DC24V/50AH	Battery Voltage
	500 kg	100 kg	150 kg	150 kg	Max. Payload
	5~30 m/min	5~50 m/min	5~50 m/min	5~50 m/min	Max.Speed

Pickup Cart	<b>Pickup-F53</b>	<b>Pickup-F53J</b>	<b>Pickup-E64</b>	
				
	DC24V/26AH	DC24V/50AH	DC24V/100AH	Battery Voltage
	500 kg	500 kg	500 kg	Max. Payload
	5~50 m/min	5~30 m/min	5~48 m/min	Max.Speed

Carry Cart	<b>Carry-E64</b>	<b>Carry-F58</b>	<b>Carry-K65</b>	
				
	DC24V/80AH	DC24V/50AH	DC24V/50AH	Battery Voltage
	1000 kg	500 kg	300 kg	Max. Payload
	10~30 m/min	10~60 m/min	10~30 m/min	Max.Speed

# Company History

## Operation Progress

Xinji factory completed  
 Establish TOYO Robot (Thailand)  
 Establish TOYO Robot (Japan)  
 Become strategic partner with YAMAHA

Obtain Taiwan Excellence Award

Received the 19th "Raising Start Award" award  
 for outstanding export vendor  
 Acquired 5000 ping of land inside Hsin Chi Industry Park

Acquired patent for new M534739 AGV  
 Passed ISO14001 certification

Fukuoka Fab in Japan established  
 Suzhou Fab in China established

Overseas sales network increased to 10 distributors  
 Started OEM production for CKD Japan

Acquired patent for new model M429543  
 Acquired patent for new actuator model M440838  
 Entered Apple's supply chain officially  
 Acquired OHSAS 18001:2007 certification

New fab in Yongkang Technology Park completed and activated  
 Became official cooperating technical partners  
 with Matsumoto Shouten Co., Ltd of Japan.  
 Raw Material Barcode Management System implemented  
 Passed ISO9001 certification

Second branch in China established –  
 Wuxi Toyo Automation Co., Ltd.  
 Quality Assurance Center established.  
 Acquired 3D inspection equipment  
 Acquired Republic of China Patent number M398055  
 IE ERP Enterprise Resource Planning system implemented

Approved by the Ministry of Economic Affairs for  
 "Tax Exemption Reward for Crucial Technology Firms"  
 Honored with the 9th Business Startup Award  
 "Silver Medal" from the Ministry of Economic Affairs  
 First branch in China established –  
 Shenzhen Toyo Automation Co., Ltd.  
 Processing Department established

First participation of Taipei exhibition  
 Marketing Department established for  
 improvement of product promotion

TOYO company established

ECON company established

## Product Progress

2019 The globally unique built-in type linear motor module  
 officially mass-produced

2018 DM series officially mass-produced  
 XC100-controller of DC Servo Motor officially  
 mass-produced

2017 Cart Series of AGVS officially released.  
 Drive Unit Series of AGVS officially released.

2016 Development of TC100- controller of servo motor completed  
 The only G series track embedded actuator developed  
 and mass produced in Taiwan

2015 Servo cylinder officially released  
 Development of Servo stepping motor controller TC100 completed

2014 Accumulated production output for AGV exceeded 200 units  
 Develop of 4 axis horizontal multi-joint robot completed

2013 Accumulated production output for single axis robot  
 exceeded 60,000 units  
 Accumulated production output for Cartesian robot  
 exceeded 5,000 units  
 High speed linear motor actuator officially on sale

2012 Development of first AGV system completed  
 Accumulated production output for positioning platform XYY  
 exceeded 150 units

2011 Accumulated production output for Cartesian robot  
 exceeded 1,000 units  
 Accumulated production output for single axis robot  
 exceeded 20,000 units  
 Development of high speed linear motor actuator completed

2010 Accumulated production output for single axis robot  
 exceeded 5,000 units  
 Development of single axis robot exceeds 30 specifications  
 Production of positioning platform XYY series officially started

2009 Development of Cartesian multi-axis robot completed  
 Production of single axis robot officially started  
 Development of single axis industrial use robot completed

2008  
 2000 Distribute logistics and gripper-related automation  
 components  
 Distribute relative robots

# Global Services

3

Production plants

50

Sales companies

300

Product kinds

20

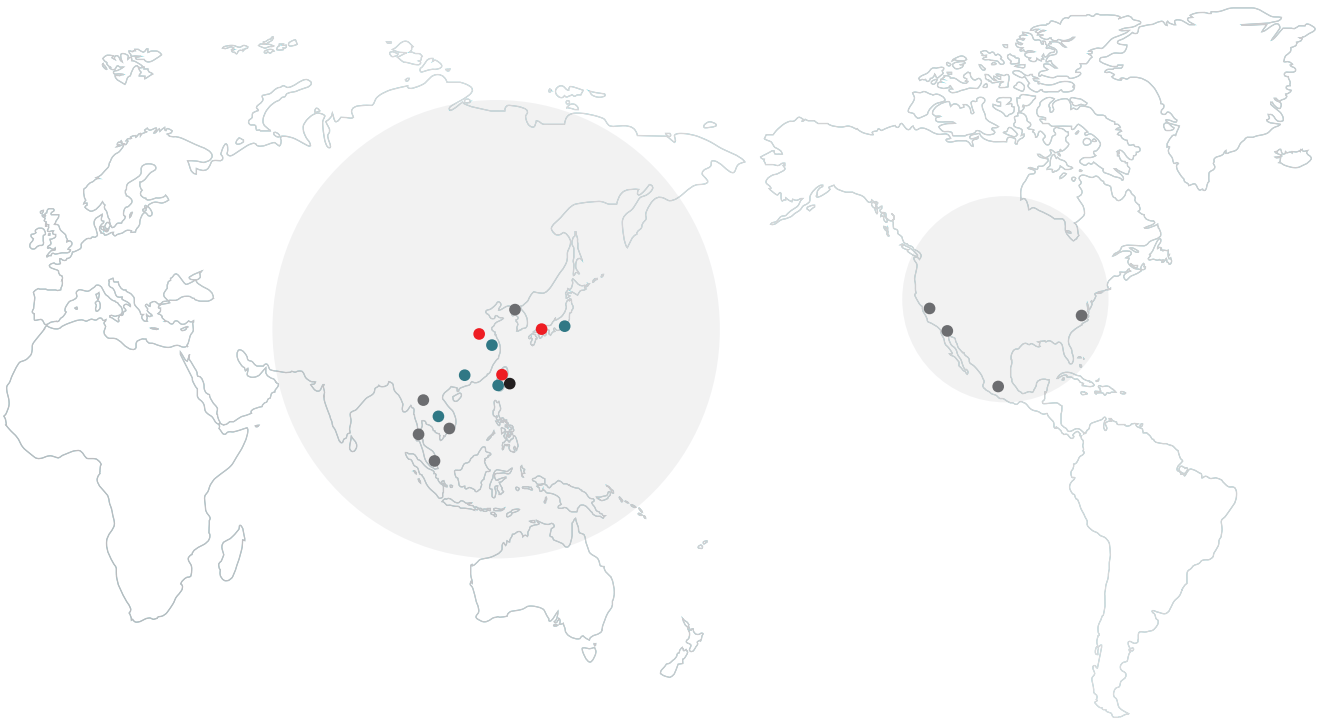
Countries

400

Employees

2,000

Customers



	South East Asia	China	Taiwan	Korea	Japan	America
Production Fab		●	●		●	
Overseas Branches	● Thailand	● Shuzhou ● Shenzhen			● Tokyo	
Technology Center			●			
Agency	● x12	● x20	● x5	●	● x2	● x3

TOYO Global Network

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