

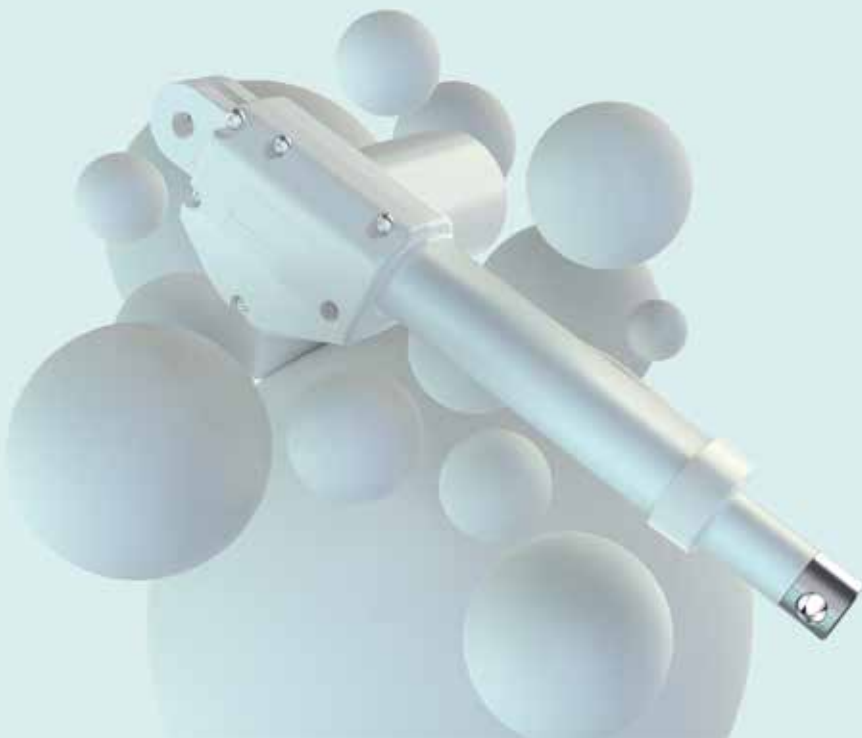
Richmat

Every 6 seconds
There's a RICHMAT actuator installed

2022

RICHMAT

Medical & Homecare

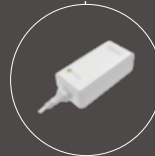


Driving motion
solution

Focus on Medical
& Homecare

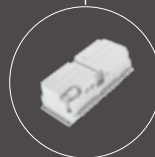
RICHMAT

19 years experience in manufacture



Globalization

Established Hebei, Guangzhou, Korea and U.S. branches, become a multinational corporation.



2016

Growing up

Recognized by European and U.S. market.



2015

Growing up

Recognized by European and U.S. market.



2013

Medical Care

Gain reputation in medical care area.



2008

Certificate

Certificated by IOS9001.



2003

Establishment

Company founded and started with dualactuator.

Richmat® You need it, Richmat brings it to you.

Richmat can help you build up your own smart, convenient and comfortable product series.

We devote ourselves to providing satisfied after sales service, for every single client.

Qingdao Richmat Intelligence Technology Inc.



Richmat is a professional actuators and controllers producing joint-stock company integrated the development, production and marketing. Headquartering in Qingdao, China.



Richmat is dedicated to smart home, medical care, smart office and industrial transmission area and had been awarded dozens of patents. Richmat products are sold all over the world with the highest quality and reputation.



Richmat has devoted to the design, development and manufacture of actuators, the main products include: single and dual actuator, hand controls, controllers and corresponding accessories to meet your needs.



ISO9001



IEC60601-1



TRUST RICHMAT

Future-oriented panoramic healthcare solution



Medical All Cover

After years of development, RICHMAT has been equipped with all-round controlling technology. Our products have been widely used in various nursing homes, hospital and rehabilitation centers.

Intelligent fault-detection system

RICHMAT's exclusive technology, once there is a fault or misoperation in using or installing process, the system will make voice to remind you to correct.

MCS BUS System

RICHMAT's exclusive communication protocol, specifically designed for medical solutions, will provide much better, more stable and more timely signal transmission between the controller and related accessories

RICHMAT Medical field technology features

Powerful R&D with numbers of patents



All systems applicable



R-Control



Noise control



Bluetooth



Low current high efficiency mode



R-port matching



RM APP series



Intelligent anti snore system



Level 6 power consumption



IOT+



Long-term life



Customization service





the design
of linear actuator

Design concept

“ Precision-Stand the test,
elaboration-excellent quatity ”

RICHMAT medical-class motor, with the feature of high torque output and low noise level, specially designed for medical environment use. The unique low current technology can further reduce the heat, longer the life span and the water-proof design and corrosion resistance process make the motor fit for all the harsh environments.

Application

Wide range of applications rich configuration



Medical bed



Nursing bed



Patient lift



Dental chair



Electric wheelchair



Beauty bed



Powerful RM APP series

RM Control RM Voice RM Sleep

RM APP series, not only can realize traditional functions, but also add touch feedback, intelligent wake-up and voice reminder

RM Control
APP controller

RM Voice
Voice controller

RM Sleep
Sleep monitor

Smart sleeping monitor belt

Easy installation / Powerful function / Imperception monitoring

Install under the mattress, operated by RM Sleep APP. It can record sleep condition, provide sleep report and suggestion to improve sleep.



Eight monitor functions



Heart rate



Breathing
rate



Body
movements



Sleep time



Wake-up
times



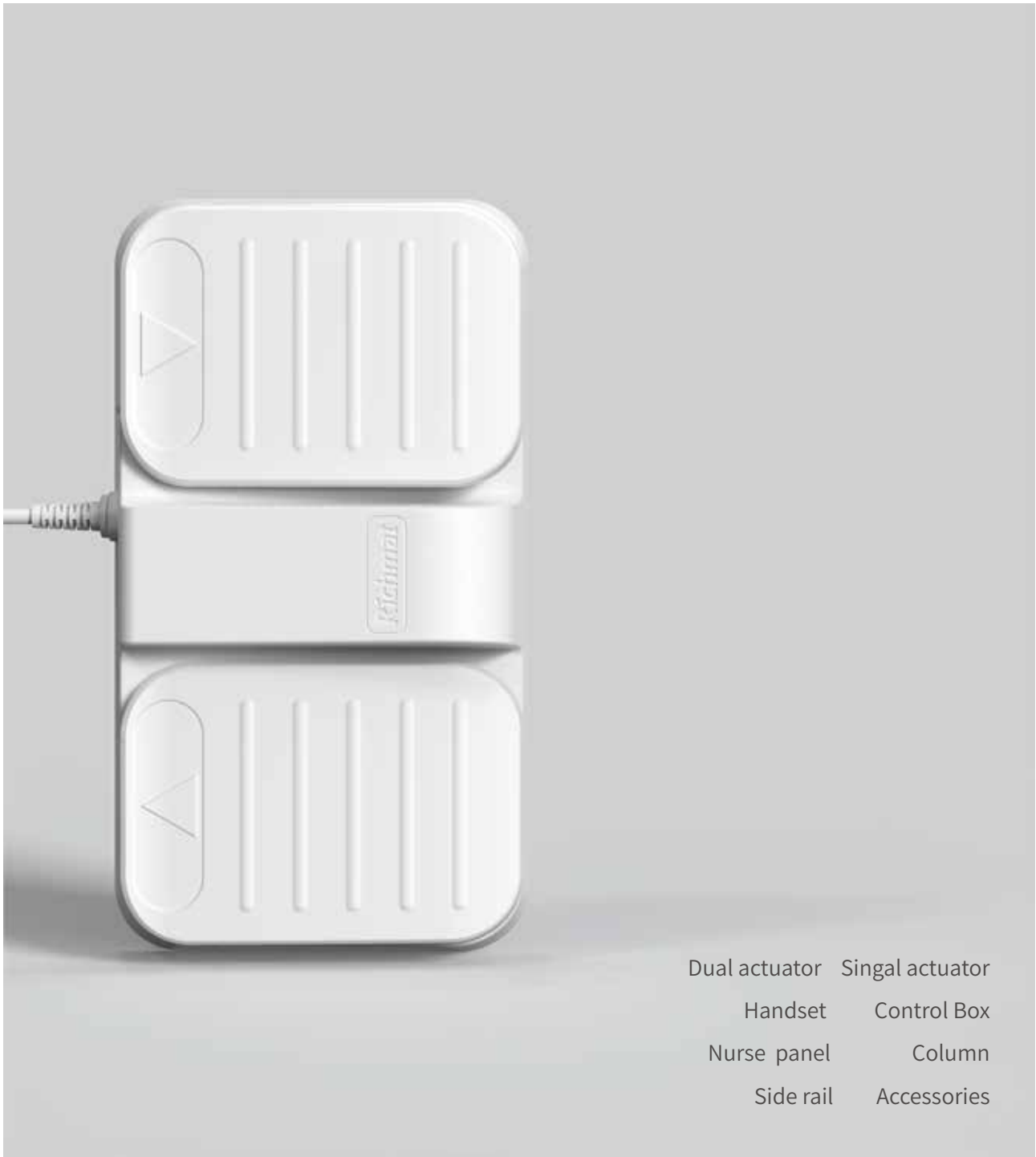
Off-bed
monitor



Sleep score



Sleep report



Richmat feels you

We have well selected representative products showed below. Please contact our sales to learn more.

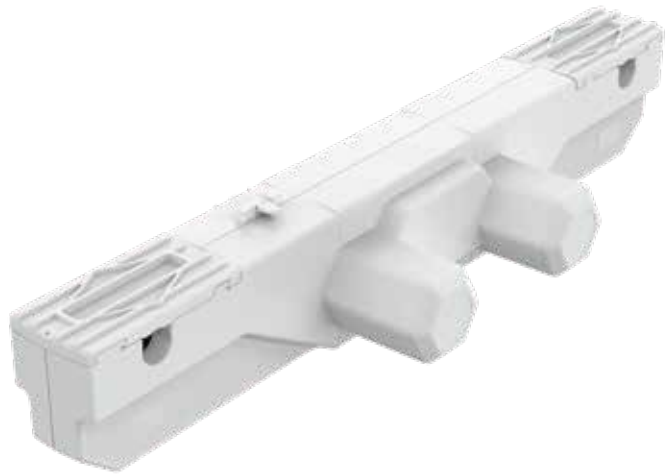


A1S

SERIES

Parameter

Max. push force	2 x 6500N
No-load speed	4.3 mm / s
Installation length	581 ± 1 mm
IP class	Max. IP20
Noise level	≤50 dB
Options	Connect massager / LED Single actuator / USB socket



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load	Current (A)		Speed (mm / s)		
	Head	Foot	Head	Foot	Foot
No load	0.37	0.71	4.65		4.51
4500N	2.43	2.87	3.95		3.77
6500N	3.24	3.56	3.76		3.42

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

Dual Motor Series

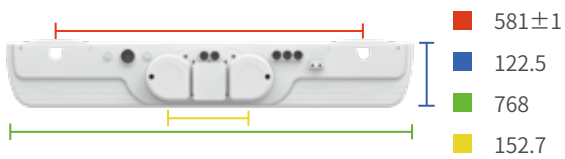
A2 SERIES

Parameter

Max. push force	2 x 6500N
No-load speed	4.3 mm / s
Installation length	581 ± 1 mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Connect massager / LED Single actuator / USB socket



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load	Current (A)		Speed (mm / s)		
	Head	Foot	Head	Foot	Foot
No load	0.59	0.66	4.09		4.16
4500N	2.19	2.45	3.54		3.62
6500N	2.69	2.83	3.47		3.5

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A3

SERIES

Parameter	
Max. push force	2 x 6500N
No-load speed	4.3 mm / s
Installation length	581 ± 1 mm
IP class	Max. IP20
Noise level	≤50 dB
Options	Connect massager / LED Single actuator / USB socket



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

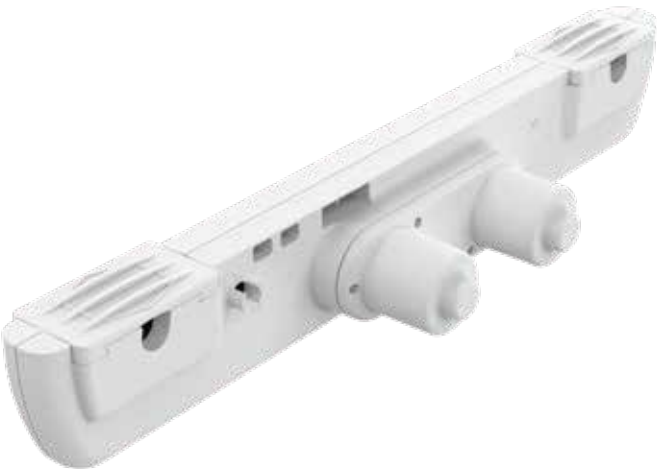
Load	Current (A)		Speed (mm / s)		
	Head	Foot	Head	Foot	
No load	0.59	0.66	4.09	4.16	
4500N	2.19	2.45	3.54	3.62	
6500N	2.69	2.83	3.47	3.5	

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

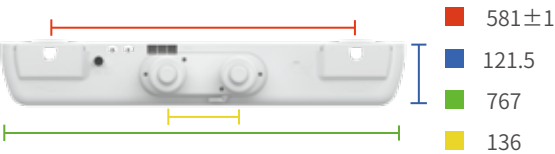
A4S

SERIES

Parameter	
Max. push force	2 x 6500N
No-load speed	4.3 mm / s
Installation length	581 ± 1 mm
IP class	Max. IP20
Noise level	≤50 dB
Option	Connect single actuator



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load	Current (A)		Speed (mm / s)	
	Head	Foot	Head	Foot
No load	0.68	1.02	4.7	4.73
4500N	2.58	3.27	3.7	3.57
6500N	3.8	4.18	3.44	3.22

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A58

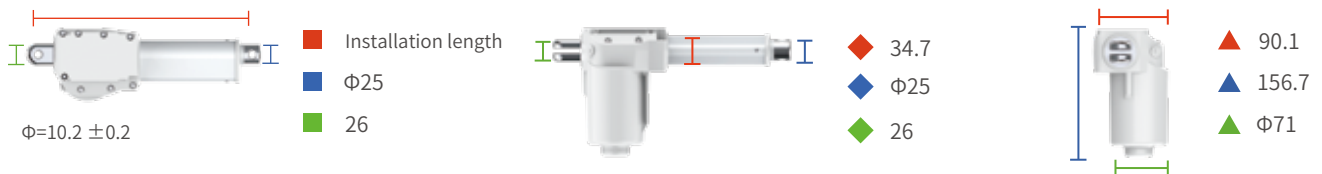
SERIES

Parameter

Max. push force	Push power 8000N, Pull power 4000N
No-load speed	4 - 46 mm / s
Installation length	Stroke + 175mm
IP class	Max. IP66
Noise level	≤50 dB
Options	Mechanical hand protection function (push power only)
	Hall sensor
	Manual hand crank



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/ s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
8000	4000	6000	0.4	4.2	4.3	3.6	3	1
6000	4000	6000	0.3	3.9	5.8	4	4	1
4000	2000	2400	0.4	1.9	8.2	7.3	6	1
2000	1000	800	0.4	1.5	15.7	14.3	6	2
1000	1000	400	0.4	1.2	30.2	27.3	12	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A58QR

SERIES

Parameter

Max. push force	Push power 3500N, Pull power 2000N
No-load speed	5 - 12 mm / s
Installation length	Stroke + 185mm
IP class	Max. IP54
Noise level	≤50 dB
Special function	Quick release



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
3500	2000	1000	1.5	2.6	14	8.8	6	1
2000	2000	1000	0.9	2.6	15	10	6	1

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A31

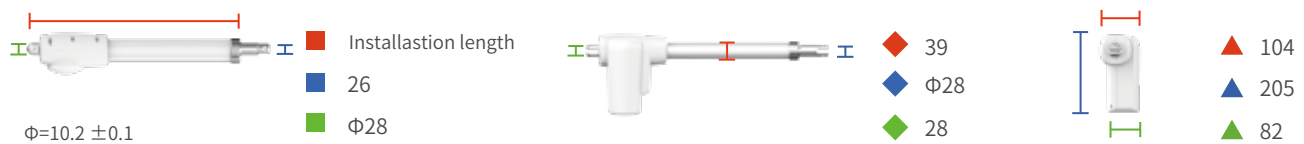
SERIES

Parameter

Max. push force	Push power 10000N, Pull power 4000N
No-load speed	3 - 40 mm / s
Installation length	Stroke + 220 mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Mechanical hand protection function Hall sensor



Dimension (mm)



Speed & Force Comparison Table (3200rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
10000	4000	10000	1.0	8.0	6.8	4.5	4	1
6000	3000	6000	1.2	5.0	11.0	9.0	4	2
2000	2000	2000	0.8	4.5	22.0	18.0	8	2
1000	1000	1000	0.9	6.1	35.0	27.0	12	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A68H

SERIES

Parameter

Max. push force	Push power 6000N, Pull power 4000N
No-load speed	4 - 46 mm / s
Installation length	Stroke + 185mm
IP class	Max. IP54
Noise level	≤50 dB
Special function	Manual hand crank when power cut



Dimension (mm)



Speed & Force Comparison Table (3200rpm)

Load (N)			Current (A)		Speed (mm/ s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	4000	6000	0.4	3.5	4.3	3.6	3	1
4000	3000	6000	0.3	3.9	5.8	4	4	1
2000	1000	800	0.4	1.5	15.7	14.3	6	2
1000	1000	400	0.4	1.2	30.2	27.3	12	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A5S

SERIES

Parameter

Max. push force	Push power 6000N, Pull power 4000N
No-load speed	4 - 46 mm / s
Installation length	Stroke + 175mm
IP class	Max. IP54
Noise level	≤50 dB
Option	Connect one more single actuator



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	4000	6000	0.3	3.9	5.8	4	4	1
4000	2000	2400	0.4	1.9	8.2	7.3	6	1
2000	1000	800	0.4	1.5	15.7	14.3	6	2
1000	1000	400	0.4	1	23	21.1	9	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A12G

SERIES

Parameter

Max. push force	Push power 6000N, Pull power 4000N
No-load speed	4 - 24 mm / s
Installation length	Stroke + 175mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Reed switch Hall sensor



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/ s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	4000	6000	0.3	4.0	4.2	2.7	3	1
4000	2000	4000	0.3	4.0	5.6	4.0	4	1
3000	2000	3000	0.3	4.0	7.0	5.0	5	1

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

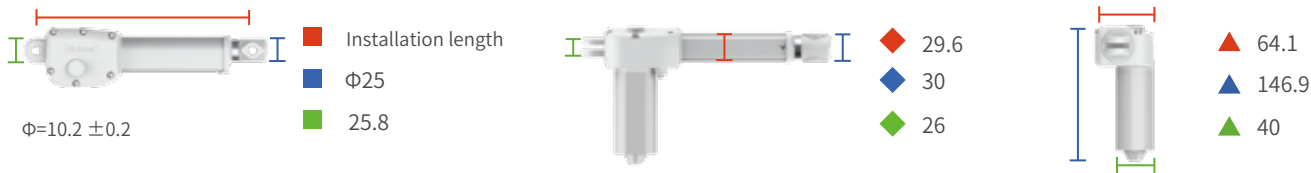
A36

SERIES

Parameter	
Max. push force	Push power 3000N, Pull power 1500N
No-load speed	6 - 46 mm / s
Installation length	Stroke + 135mm
IP class	Max. IP54
Noise level	≤50 dB
Option	Hall sensor



Dimension (mm)



Speed & Force Comparison Table (3800rpm)

Load (N)			Current (N)		Speed (mm/ s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
3000	1500	2800	0.8	4.7	16	11	3	2
1600	1000	1600	0.8	3.6	19.4	12	4	2

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A37

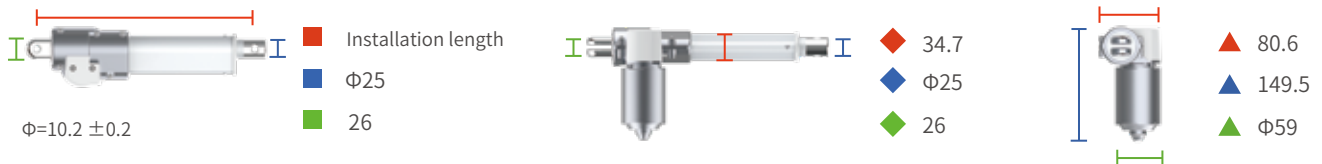
SERIES

Parameter

Max. push force	Push power 8000N, Pull power 4000N
No-load speed	4 - 46 mm / s
Installation length	Stroke + 175mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Mechanical hand protection function; Hall sensor



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
8000	4000	6000	0.4	4.2	4.3	3.6	3	1
6000	4000	6000	0.3	3.9	5.8	4	4	1
4000	2000	2400	0.4	1.9	8.2	7.3	6	1
2000	1000	800	0.4	1.5	15.7	14.3	6	2
1000	1000	400	0.4	1.2	30.2	27.3	12	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A51

SERIES

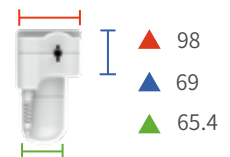
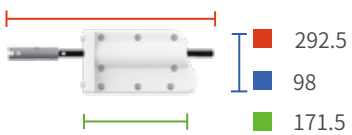
Parameter

Max. torque 10 Nm

No- load speed 85 rpm



Dimension (mm)



A51S

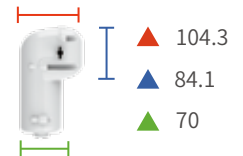
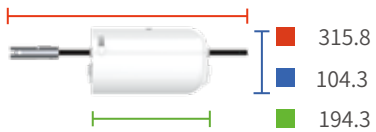
SERIES

Parameter

Max. torque	14 Nm
No- load speed	115 rpm



Dimension (mm)



A53

SERIES

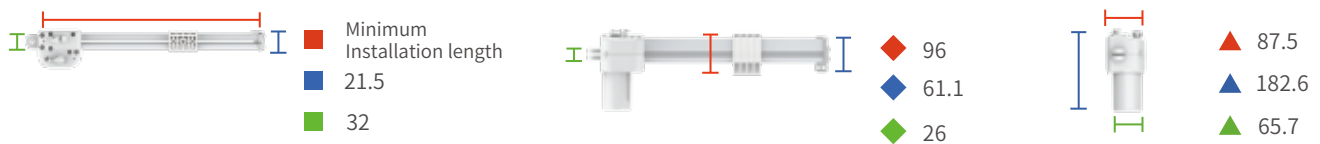
Parameter

Max. push force Push power 4000N, Pull power 4000N

No-load speed 4 - 46 mm / s



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
4000	2000	3200	0.5	3.0	5.7	5.4	3	1
3000	1500	2400	0.4	2.0	7.6	7.0	4	1
3500	2000	3200	0.6	3.7	11.9	9.7	3	2
3000	1500	2000	0.6	3.1	15.7	13.4	4	2
2000	1000	800	0.7	2.1	22.9	21.5	6	2
1000	1000	400	0.7	1.7	32.8	32	9	2
500	300	300	1.0	2.2	42.7	41	12	2

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A61

SERIES

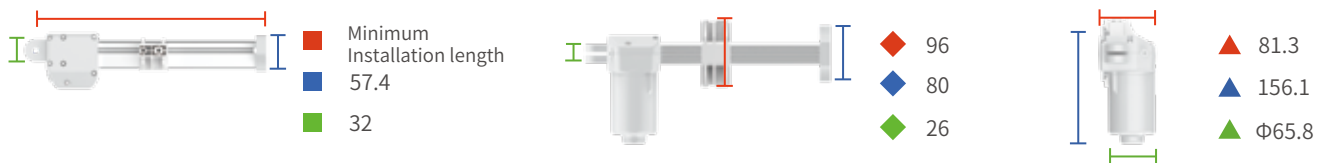
Parameter

Max. push force Push power 6000N, Pull power 3000N

No-load speed 4 - 46 mm / s



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	3000	6000	0.4	3.7	4.3	3.2	3	1
4000	2000	4000	0.4	2.7	5.4	4.6	4	1
3000	1500	2100	0.4	2.8	10.3	8.6	4	2
1500	750	1200	0.4	2.2	15	13	6	2
1000	500	600	0.4	1.8	21.4	19.2	9	2
500	300	300	0.4	2	27.2	23.9	12	2

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A63

SERIES

Parameter

Max. push force	Push power 6000N, Pull power 4000N
No-load speed	4 - 30 mm / s
Installation length	Stroke + 180mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Mechanical hand protection function; Hall sensor Reed switch



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/ s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	4000	6000	0.4	2.5	5.5	4.8	3	1
4000	3000	6000	0.4	4.3	7.7	5.9	4	1
3000	2000	3000	0.4	3.1	10.5	9.4	6	1
1000	500	400	0.4	0.9	15.7	14.6	9	1
500	300	400	0.4	1.2	21.5	19	12	1

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A67B

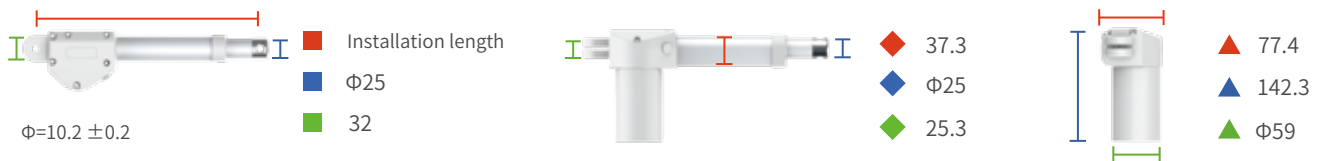
SERIES

Parameter

Max. push force	Push power 6000N, Pull power 3000N
No-load speed	4 - 46 mm / s
Installation length	Stroke + 155mm
IP class	Max. IP54
Noise level	≤50 dB
Options	Mechanical hand protection function Hall sensor



Dimension (mm)



Speed & Force Comparison Table (2600rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
6000	3000	6000	0.5	2.5	4.2	2.9	3	1
3000	1500	3000	0.5	1.8	5.6	4.5	4	1
2000	1000	1600	0.5	1.4	9	7.6	6	1
1500	1500	1200	0.5	1.7	13.3	11.5	9	1
500	500	400	0.5	1.1	16.5	15	12	1

The data based on working with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

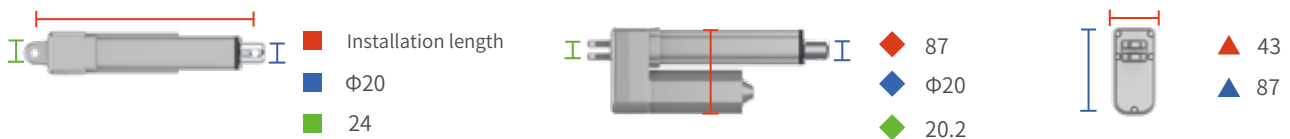
A71

SERIES

Parameter	
Max. push force	Push power 2500N
No-load speed	3 - 20 mm / s
Installation length	Stroke + 120 mm
IP class	Max. IP66
Noise level	≤50 dB
Option	Hall sensor



Dimension (mm)



Speed & Force Comparison Table (3800rpm)

Load (N)			Current (A)		Speed (mm/s)		Lead	Worm thread
Push power	Pull power	Self-lock	No load	Load	No load	Load		
2500	2500	2500	0.5	2.0	5.0	3.8	2	2
2500	2000	2000	0.7	2.3	6.4	4.9	3	2
1000	1000	1000	1.0	2.6	12.2	9.0	6	2

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations

A72

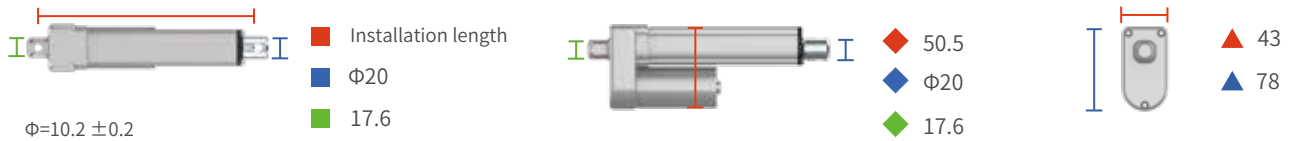
SERIES

Parameter

Max. push force	Push power 1400N, Pull power 1400N
No-load speed	5 - 90 mm / s
Installation length	Stroke + 110mm
IP class	Max. IP66
Noise level	≤50 dB



Dimension (mm)



Speed & Force Comparison Table (6000rpm)

Load (N)			Current (A)		Speed (mm/ s)		Reduction ratio	Lead
Push power	Pull power	Self-lock	No load	Load	No load	Load		
1400	1400	1400	0.3	1.4	5.0	4.0	1: 40	2
1200	1200	1200	0.4	1.6	7.5	6.0	1: 40	3
1000	1000	1000	0.6	2.0	9.0	7.0	1: 20	2
700	700	700	0.5	2.1	14	10	1: 20	3
500	500	500	0.9	2.5	18	12	1: 10	2
300	300	300	0.9	2.0	27	20	1: 10	3
200	200	200	1.1	2.4	32	24	1: 5	2
100	100	100	1.1	1.5	90	70	1: 5	6

The data based onworking with RICHMAT control box and stabilized voltage supply. There will be difference if working with other configurations



L1

Max. push force	Push power 4000N
No-load speed	5 - 30 mm / s
Installation length	Stroke+200 mm
Dynamic torque	250Nm Max.
Static torque	500Nm Max.
Noise level	≤50 dB
Option	Hall sensor

L2

Max. push force	Push power 2500N
No-load speed	6 - 20 mm / s
Installation length	Stroke+200 mm
Noise level	≤50 dB
Option	Hall sensor

L3

Max. push force	Push power 2000N
No-load speed	12 mm / s
Installation length	≥stroke / 2 + 150 mm
Noise level	≤50 dB
Option	Hall sensor

L4

Max. push force	Push power 2000N
No-load speed	18 mm / s
stroke	200 - 400 mm
Installation length	≥Stroke / 2 + 150 mm
Dynamic torque	250Nm Max.
Static torque	500Nm Max.
Noise level	≤50 dB
Option	Hall sensor



H38

Max. 21 Buttons
High quality elastic hook, fit for $\phi 32$, $\phi 42$ tubes
Button Lock individually, avoid misoperation
LED indicator

H52

Max. 35 Buttons
3.5 inch 64K LCD
High quality elastic hook, fit for $\phi 32$, $\phi 42$ tubes
Button Lock individually, avoid misoperation
Option:
Nurse safety key

H78

Max. 25 Buttons
3.5 inch 64K LCD
High quality elastic hook, fit for $\phi 32$, $\phi 42$ tubes
Button Lock individually, avoid misoperation
Option:
Nurse safety key

H98

Max. 20 Buttons
installed on the footboard
Button Lock individually, avoid misoperation



H5

Buttons 2 - 6
Compatible with all Richmat actuators
LED indicator.
Support high current

H12

Wireless control
Buttons 2 - 6
High quality membrane
1 * 12 V battery
Work distance 5 meters

H15

Buttons 6
Compatible with all Richmat actuators
Support high current

H18

Buttons 2 - 8
Compatible with all Richmat actuators
LED indicator
Back light function
Support high current

H19

Buttons 2 - 11
LED indicator
Back light function
Electro-magnetic lock

H35

Buttons 2 - 9
LED indicator
Back light function



H36

Buttons 2 - 14
LED indicator
Options:
Back light function
Electro-magnetic lock
Voice broadcast

H56

Buttons 6
Compatible with all Richmat actuators
Support high current

H79

Buttons 2 - 6
LED indicator
Back light function
Support high current

H87

Buttons 2 - 8
LED indicator
Option:
Back light

H97

Buttons 2 - 12
LED indicator
Options:
Voice boardcast
Back light functions
Membrane button version

H99

Buttons 2 - 8
LED indicator
Back light functions
Support high current



H108

Buttons 2 - 12
LCD screen & LED indicator
Display bed status
Options:
Back light function
Mechanical lock
Voice broadcast

H112

Buttons 2 - 11
Options:
Back light function
Back Mechanical lock

H156

Buttons 2
Compatible with all Richmat actuators
Support high current

FC1

1 - 4 Units
Compatible with all Richmat control boxes
Support high current

FC2

1 Unit
Compatible with all Richmat control boxes
Support high current
Option:
Bluetooth version

FC6

2 Units
Compatible with all Richmat control boxes
Support high current
Option:
Bluetooth version



MCP1

Head Board & Footboard

Foot board with electronic control

PP material

IPX4 water proof

Options:

3.5 inch color LCD screen

Weighing system

Customized function design

Dimension: 1000*570mm

Fix hook dimension: 760mm

MCP1

Siderail

Back side rail with electronic control

PP material

IPX4 class water proof

Options:

Customized function design

Back dimension: 670*340mm

Foot dimension: 975*340mm



MCP2

Head Board & sFootboard

Foot board with electronic control

PP material

IPX4 water proof

Options:

3.5 inch color LCD screen

Weighing system

Customized function design

Head board Dimension: 920*570mm

Footboard dimension: 920*500mm

Fix hook dimension: 580mm

MCP2

Siderail

Back side rail with electronic control

PP material

IPX4 class water proof

Options:

Customized function design

Dimension: 716*345mm



C5

Assemble to HJA58 or assemble separately
Connect 1-4 single actuators and one handset or foot pedal
Internal switch mode power supply
Internal over-load protection

C15

IP66 class
Connect 1-8 single actuators and 1-2 controller
Options:
Battery box
External over-load protection

C16

Connect 1-4 actuator
Assemble to HJA58 or assemble separately
Internal over-load protection
Options:
Battery box
Automatic charge when power on

C17

Connect 1-2 single actuators
Built-in 2 * 12V 2.9Ah lead-acid battery
Internal switch mode power supply
Internal over-load protection
With emergency stop switch
With battery capacity display

C20

Connect 1-5 single actuators and 1-2 controller
Built-in 2 * 12V, 1.3Ah Lead-acid battery
Automatic charge when power on
External over-load protection
Customized function design

C38

Patient lift use
Battery box removable
Connect 1-2 single actuators and one handset
Internal over-load protection
With emergency stop switch
Battery version:
2 * 12V, 2.9 Ah
2 * 12V, 5 Ah

Control Box series



C41

One motor control box

Assemble to A58 single actuator or assemble separately.

Internal switch mode power supply.

Input voltage: 100-240V AC, 60 / 50Hz

Output voltage and current:

29V DC & 3A Max.

C42

Two motors control box

Assemble to HJA58 or assemble separately

Internal Switch mode power supply.

Input voltage: 100-240V AC, 60/50Hz

Output voltage and current:

29V DC & 4A Max

C43

Three motors control box

Assemble to HJA58 or assemble separately

Internal Switch mode power supply.

Input voltage: 100-240V AC, 60 / 50Hz

Output voltage and current:

29V DC & 5A Max

C44

Four motors control box

Assemble to HJA58 or assemble separately

Internal over-load protection

Input voltage: 100-240V AC, 60/50Hz

Output voltage and current:

29V DC & 5A Max.

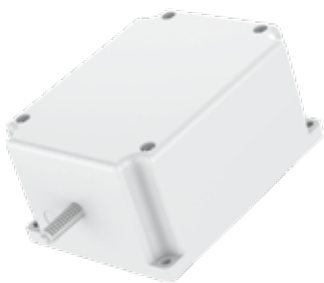
C45

Junction box

Connect with handset, nurse control box or others products

C46

Alarming indicator box



B1

Lead-acid Battery box
Rated capacity: 1.3 Ah
Rate output voltage: 25.9V DC

B5

Lithium battery box
Rated capacity: 3 Ah
Rate output voltage: 25.9V DC
Internal over charge and over discharge protection.

B7

Lead-acid Battery box
IP66 class water proof
Rated capacity: 1.3 Ah
Input voltage: 32 V DC
Rate output voltage: 25.9V DC
Internal overcharge and Overdischarge protection
Switch to control charge process

T53

Off line voice control box
Support Chinese / English
Support wireless charging

C47

Wireless receiver
RF/bluetooth mode
Compatible with all Richmat wireless handsets



T18

External safety switch
Connect with motor or control box
Switch can reset automatically

T19

Connect with max. 2 membrane switch

T25

Junction box
High compatibility with LED light

T26H

Sensor box
Detection distance: 3 meters
Detection angle : 120°
Working voltage DC 5~12V / DC 3.3V

T27

Sensor under bed light
0.5W low power consumption
IP54 class
Easy to assemble
Max.3 sets work at the same time

T28

Under bed light
0.5W low power consumption
Easy to assemble



T38

Emergency stop switch
Rotate to restart

T51

Power junction box with switch
Can connect handset

PS5

29V 1.8 A adapter
AC cable changeable

T61

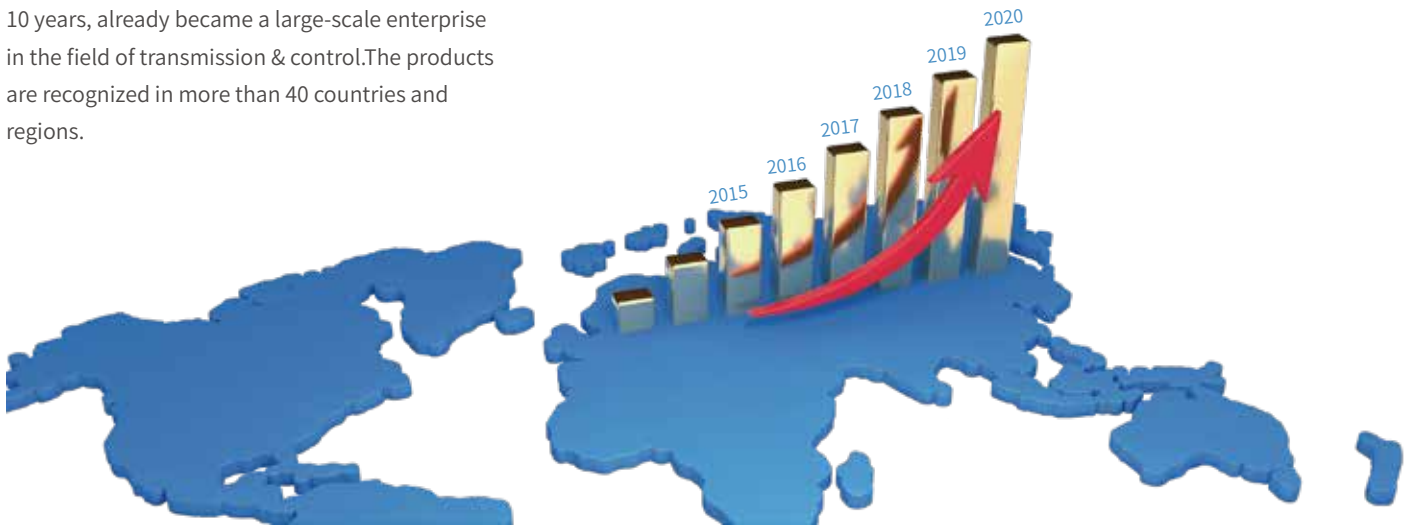
Handset hanging pedestal
Tube is adjustable
Compatible with most Richmat handsets

TS1

Safety switch
Touch to cut off power
Can work as a handset
Support customization

RICHMAT's global influence

RICHMAT has been making profits for more than 10 years, already became a large-scale enterprise in the field of transmission & control. The products are recognized in more than 40 countries and regions.



Every 6 seconds

There's a RICHMAT actuator installed

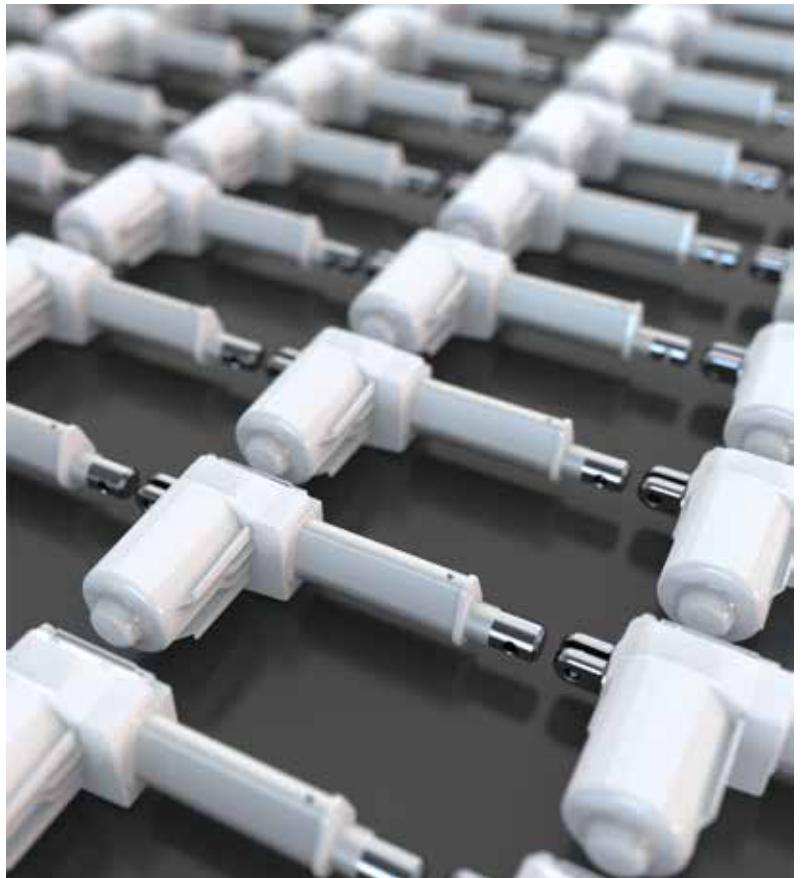
RICHMAT's industrial manufacturing capacity enable it to produce and sell 5 million motors a year.

5, 000, 000
production capacity
per year

10, 000
production capacity per
day

7 - 15 day
Short Lead Time

3 years
3 years' warranty



Integration of industry chain



RICHMAT has sophisticated industrial chain. By 2020, RICHMAT had achieved complete self-sufficiency in moulding, injection, electrics development and assembling. Until now, there are 4 production bases, covering a total area of 100, 000 m² and nearly 1, 200 employees.

Mould
development

Injection
factory

Electronic
branch

Assembling
production

Certificates System

Quality system / intellectual property / trademark patent / certificate





Richmat High-Tech Industrial Park

Richmat base located in Jimo semiconductor high-tech Industrial Park. Billions investment and carries main production task of Richmat.

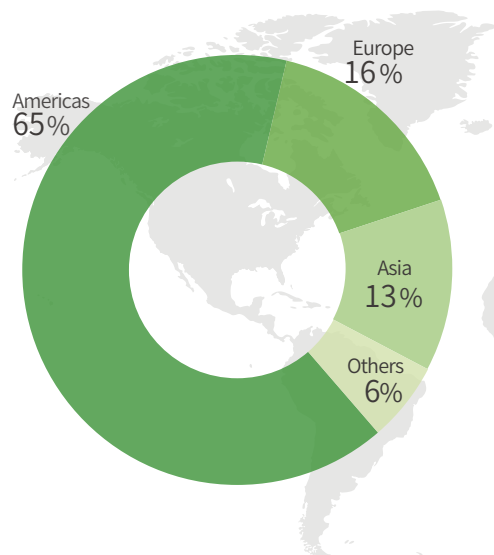
RICHMAT Electronic technology R&D center

RICHMAT electronic technology R&D center is mainly for electronic component development, involved a series of products like electronic control, inductor, transducer and PCB. This is the top level electronic technology R&D center in Shandong Province.



RICHMAT

International sales network



Europe	Asia	Americas	Others
Germany	China	USA	Australia
France	Japan	Canada	South Africa
UK	Korea	Brazil	New Zealand
Spain	Thailand	Mexico	
Italy	Vietnam	Columbia	
Portugal	Singapore		
Netherlands	Malaysia		
Belgium	Pakistan		
Slovak Republic	Israel		
Czech Republic	UAE		
Finland	India		
Sweden			
Turkey			
Russia			
Republic of Lithuania			



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