

RICHMAT ERGONOMIC LINE

Products Brochure

Ergonomic Intelligence Height Adjustable Solution Provider

- I. Desk Frame
- II.Lifting Column
- III. Control Box
- IV. Controls
- V.Accessories

DESIGNED BY RICHMAT



Qingdao Richmat Intelligence Technology Inc.  
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Shandong,China.



WEB



WECHAT

## About Richmat

### 21 years of experience



2023  
Listed On SZSE



2019  
Smart Ergonomics



2017  
Several Subsidiaries



2013  
Medical Care



2009  
Home Care



2003  
Smart Home

## Richmat® You need it, Richmat bring it to you.

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

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

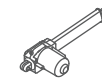
## Qingdao Richmat Intelligence Technology Inc.



Richmat, a joint-stock company, locates in Qingdao. We specialize in all kinds of lifting and moving solutions.



Richmat products are mainly used in 4 fields including Smart Home, Smart Medical & Home Care, Smart  
Ergonomics and Smart Industry, sold all over the world with the highest quality and reputation.



Richmat has more than 20 years R&D and manufacturing experience, mainly products including dual & linear  
actuators, control units, remote controls and accessories.



ISO9001



IEC60601-1



## Trust RICHMAT

## Exquisiteness



High-performance motor  
Smooth and stable movement,  
Faster speed and stronger load-bearing.

Height adjustable desk frame  
Height range: 600-1250mm  
Suitable for people with different height.

Strict performance and aging test  
ensure the satisfactory experience  
in daily use.



## Flexibility



## Strength

The new control program developed by RICHMAT has been adopted in the controls, which optimizes anti-collision, current protection and short circuit protection.



In some international top enterprises, height adjustable desk is becoming the standard office supplies.



At home, the table could fit each member's height, so as to meet a whole family's needs.



In the professional E-sport field, the height adjustable desk could help the player maintain the best form.

## Multiple colors

We provide color customization for lifting column products.  
Unlimited colors satisfy the designers' unlimited creativity.



## Certification

RICHMAT ergonomic products have obtained a number of international certifications.





DF01N



Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Dual motor
- Soft start / stop
- Wired / wireless control

Specification

600 -1250 mm

Height Range

650 mm

Max. Stroke

1100 - 1700 mm

Width Range

1200N

Max. Load

40 mm /s

Speed

≤ 50 dB

Noise



White

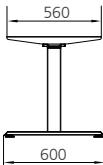
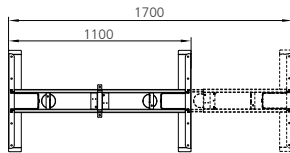
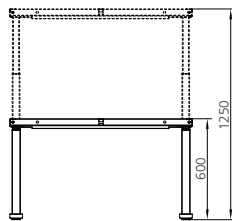


Light Grey



Black

Measurement(mm)



DF01S Max



Features

- High strength carbon steel
- 3-Stage
- Laser cutting / welding
- Dual motor
- Soft start / stop
- Wired / wireless control

Specification

660 -1310 mm

Height Range

650 mm

Max. Stroke

1640 - 2100 mm

Width Range

2000N

Max. Load

22 mm /s

Speed

≤ 50 dB

Noise



White

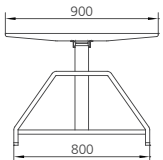
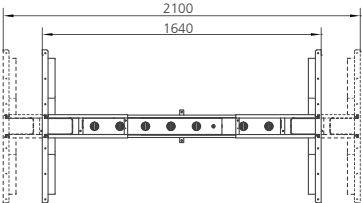
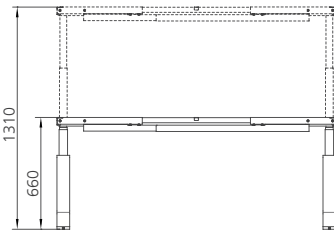


Light Grey



Black

Measurement(mm)








DF02N



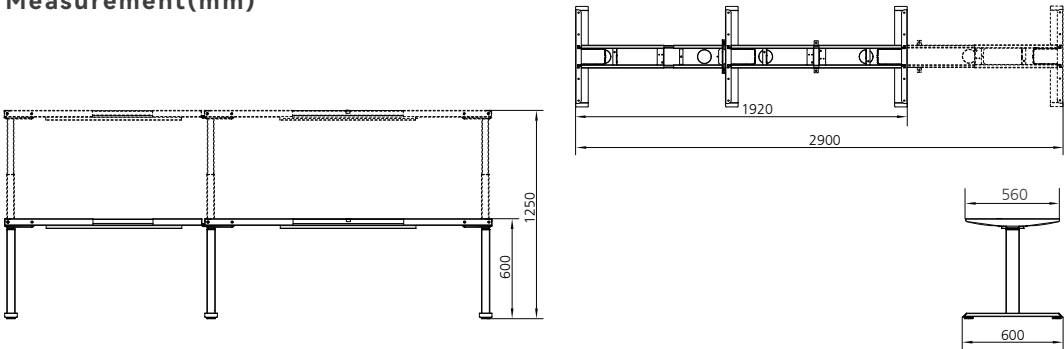
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Triple motor
- Soft start / stop
- Wired / wireless control

Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1920-2900 mm</b>	<b>1500N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White    Light Grey    Black	

Measurement(mm)






DF03N



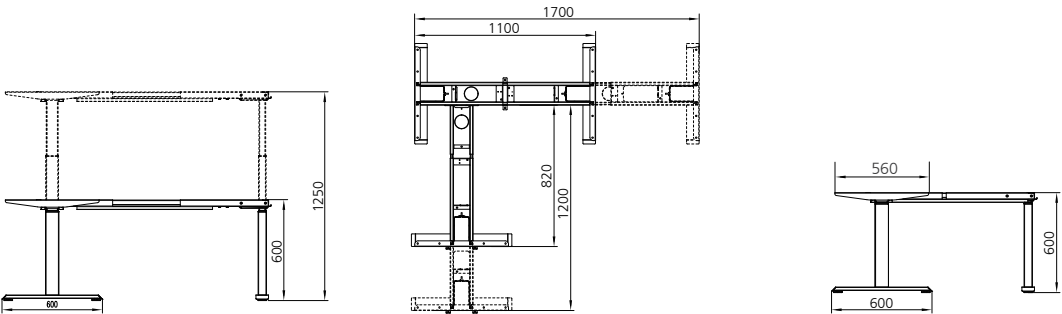
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Triple motor
- Soft start / stop
- Wired / wireless control

Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1100-1700 mm</b> (Main) <b>820-1200 mm</b> (Side)	<b>1500N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White    Light Grey    Black	

Measurement(mm)






DF03P



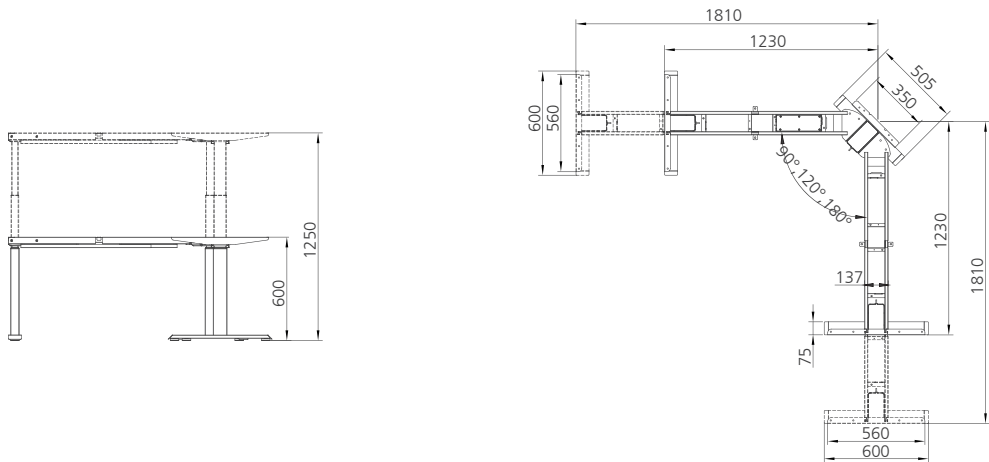
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Triple motor
- Soft start / stop
- Wired / wireless control

Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1230 - 1810mm</b>	<b>1500N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White      Light Grey      Black	

Measurement(mm)






DF04N



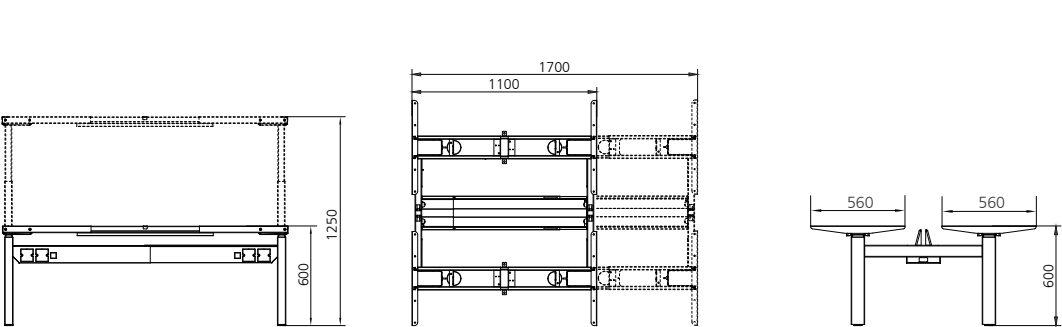
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Dual motor
- Soft start / stop
- Wired / wireless control

Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1100 - 1700 mm</b>	<b>1200N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White      Light Grey      Black	

Measurement(mm)



DF011



Features

- High strength carbon steel
- 2-Stage
- Laser cutting / welding
- Single motor
- Soft start / stop
- Wired / wireless control

Specification

690 -1150 mm

Height Range

460 mm

Max. Stroke

880 - 1300 mm

Width Range

800N

Max. Load

25 mm /s

Speed

≤ 50 dB

Noise



White

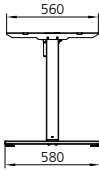
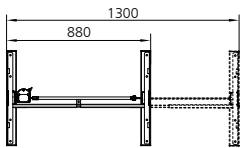
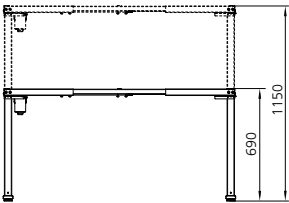


Light Grey



Black

Measurement(mm)



DF12T



Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Single motor
- Soft start / stop
- Wired / wireless control

Specification

706 -1206 mm

Height Range

500 mm

Max. Stroke

32 mm /s

Speed

300N

Max. Load

≤ 50 dB

Noise



White

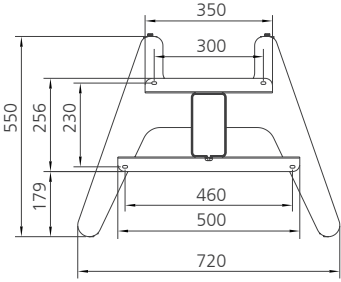
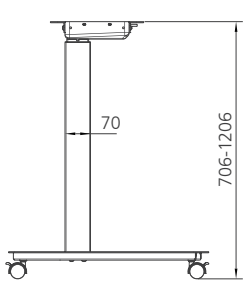
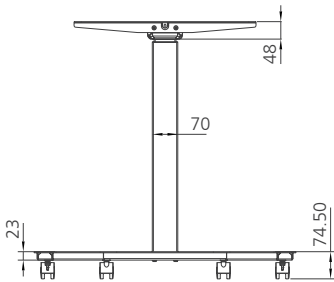


Light Grey



Black

Measurement(mm)








DF013



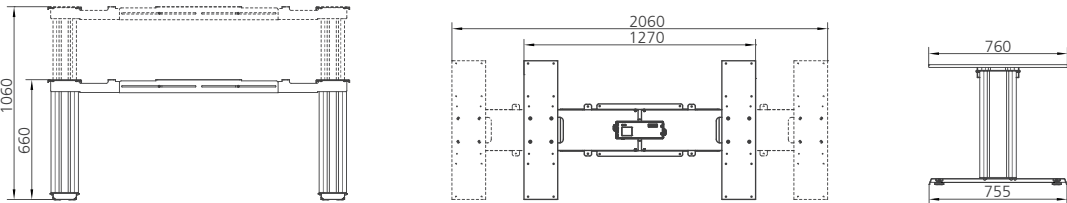
Features

- High strength aluminium alloy
- 2-Stage
- Laser cutting / welding
- Dual motor
- Soft start / stop
- Wired / wireless control

Specification

<b>660 -1060 mm</b>	<b>400 mm</b>	<b>1270 - 2060 mm</b>	<b>4000N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>4 - 16 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White    Light Grey    Black	

Measurement(mm)






DF015



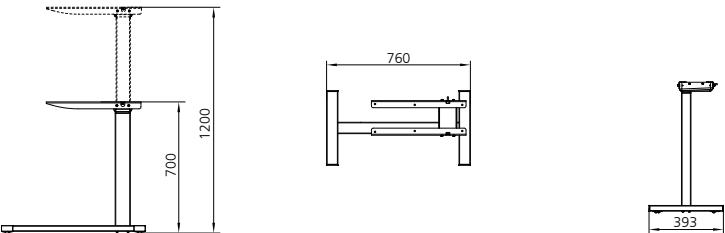
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Single motor
- Soft start / stop
- Wired / wireless control

Specification

<b>700 -1200 mm</b>	<b>500 mm</b>	<b>32 mm /s</b>	<b>300N</b>
Height Range	Max. Stroke	Speed	Max. Load
<b>≤ 50 dB</b>	  		
Noise	White    Light Grey    Black		

Measurement(mm)






DF017N



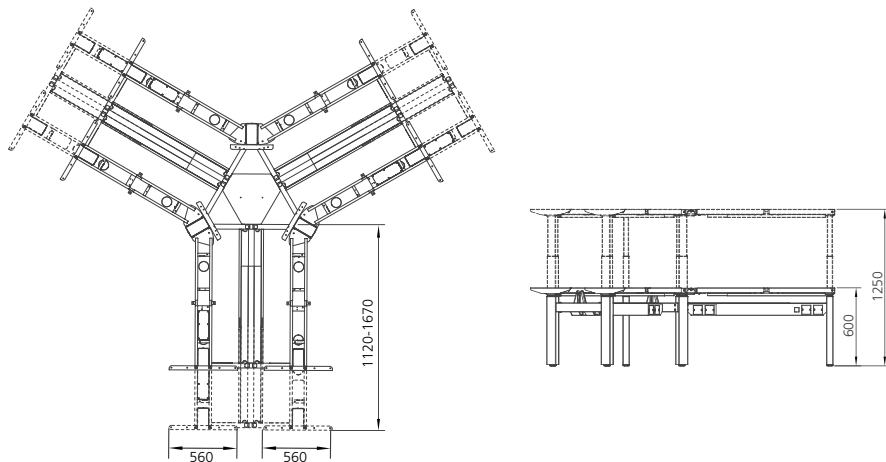
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Triple motor
- Soft start / stop
- Wired / wireless control

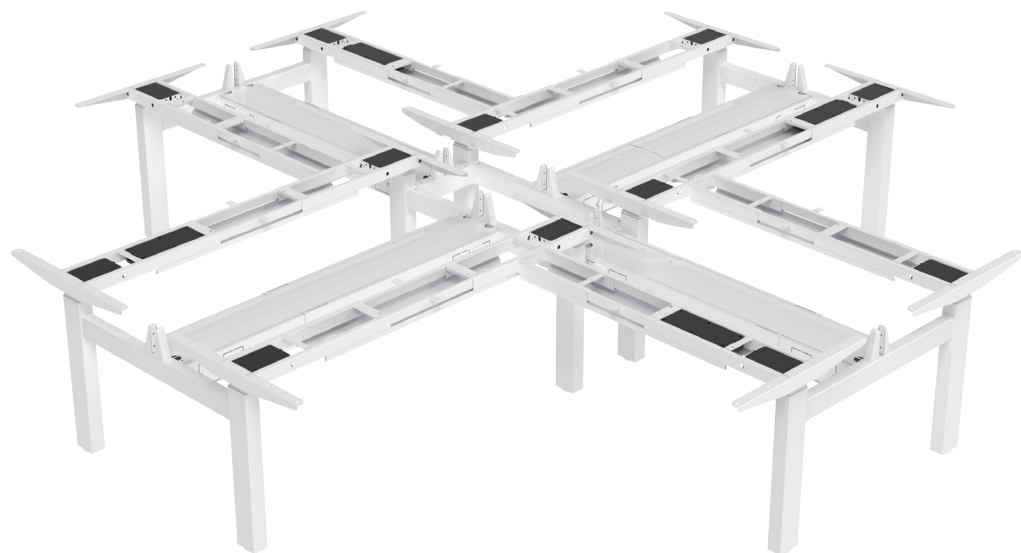
Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1120 - 1670 mm</b>	<b>1500N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White    Light Grey    Black	

Measurement(mm)






DF019N



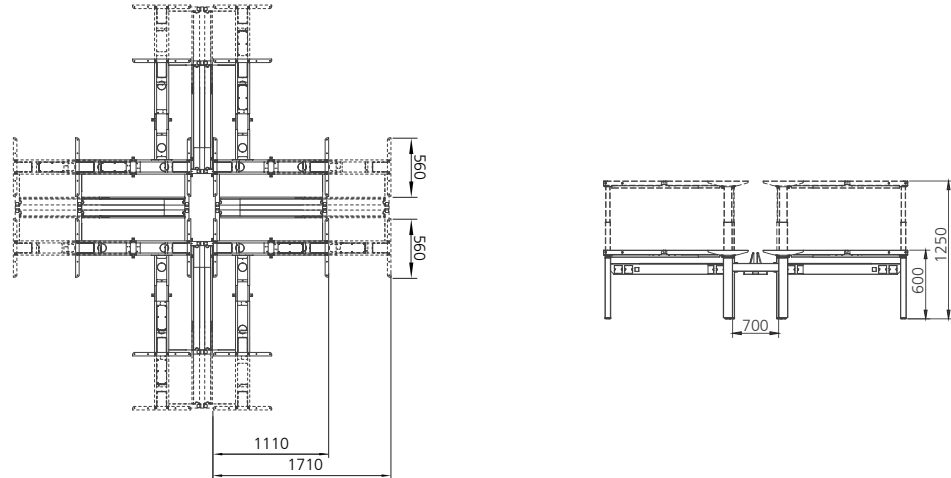
Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Triple motor
- Soft start / stop
- Wired / wireless control

Specification

<b>600 -1250 mm</b>	<b>650 mm</b>	<b>1110 - 1710 mm</b>	<b>1500N</b>
Height Range	Max. Stroke	Width Range	Max. Load
<b>40 mm /s</b>	<b>≤ 50 dB</b>	  	
Speed	Noise	White    Light Grey    Black	

Measurement(mm)



DF031



Features

- High strength carbon steel
- 2 / 3 stage lifting columns
- Laser cutting / welding
- Dual motor
- Soft start / stop
- Wired / wireless control

Specification

**600 -1250 mm**

Height Range

**650 mm**

Max. Stroke

**600 \* 1200 mm**

Frame Size

**1200N**

Max. Load

**40 mm /s**

Speed

**≤ 50 dB**

Noise



White

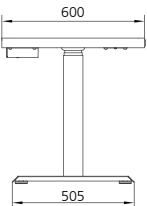
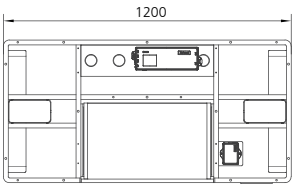
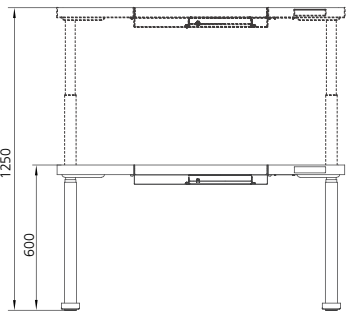


Light Grey



Black

Measurement(mm)



High-performance Lifting Columns

Based on different needs,  
we offer 2 / 3-stage lifting columns,  
featuring smooth movement,  
low noise and heavy load,  
which could perfectly fit multiple styles of desk frames.



L5E2



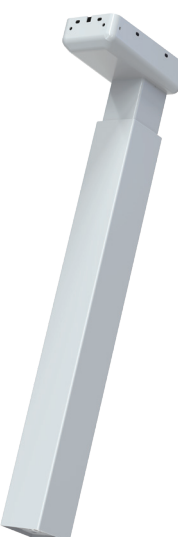
L5C2



L5R2



L5S2



Features

- 2-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

Specification

650 mm

Installation Size

500 mm

Max. Stroke

1150 mm

Max. Height

800N

Max. Load

32 mm /s

Speed

≤50 dB

Noise



White

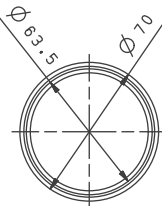
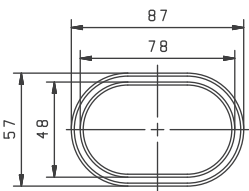
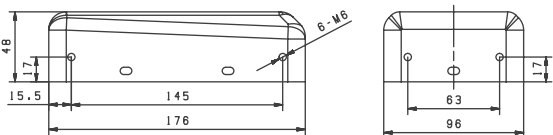


Light Grey



Black

Measurement(mm)



Features

- 2-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

Specification

650 mm

Installation Size

500 mm

Max. Stroke

1150 mm

Max. Height

800N

Max. Load

32 mm /s

Speed

≤50 dB

Noise



White

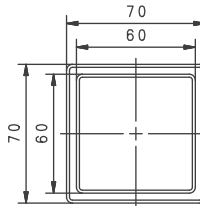
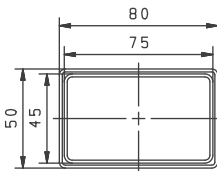
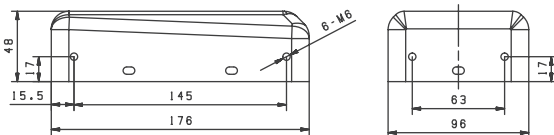


Light Grey

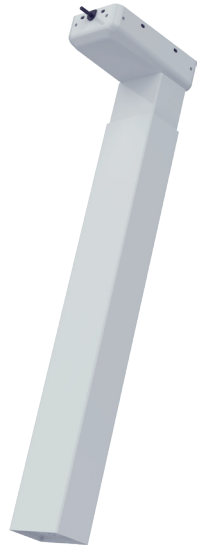


Black

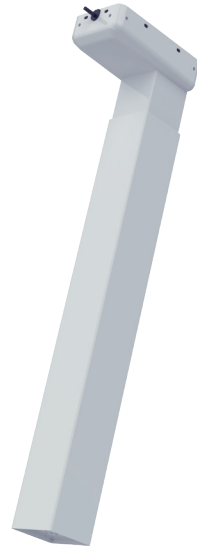
Measurement(mm)



## L5R2P



## L5S2P



### Features

- 2-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

### Specification

**650 mm**

Installation Size

**500 mm**

Max. Stroke

**1150 mm**

Max. Height

**800N**

Max. Load

**32 mm /s**

Speed

**≤ 50 dB**

Noise



White

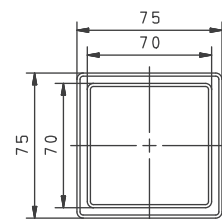
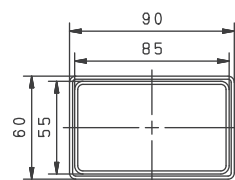
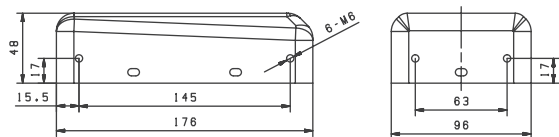


Light Grey



Black

### Measurement(mm)



## L6E2



## L6C2



### Features

- 3-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

### Specification

**560mm**

Installation Size

**650 mm**

Max. Stroke

**1210 mm**

Max. Height

**800N**

Max. Load

**40 mm /s**

Speed

**≤ 50 dB**

Noise



White

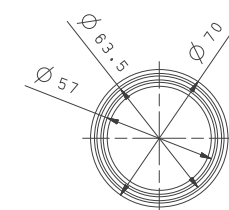
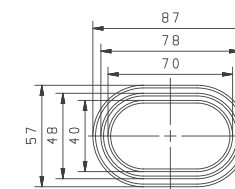
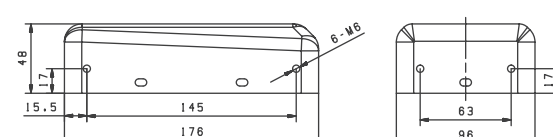


Light Grey



Black

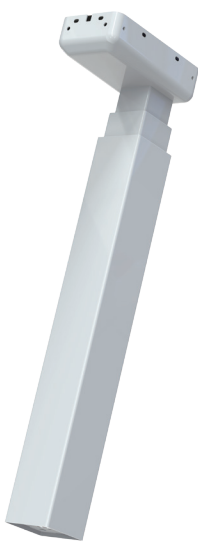
### Measurement(mm)



L6R2



L6S2



Features

- 3-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

Specification

560 mm

Installation Size

650mm

Max. Stroke

1210 mm

Max. Height

800N

Max. Load

40 mm /s

Speed

≤ 50 dB

Noise



White

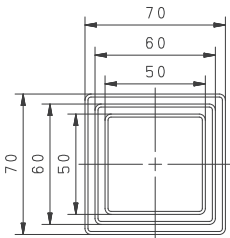
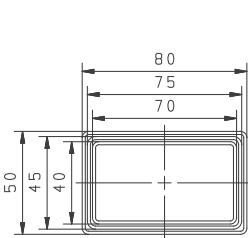
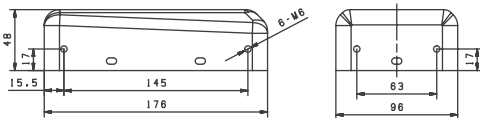


Light Grey

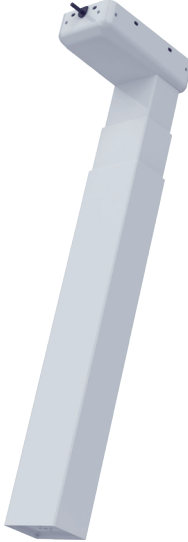


Black

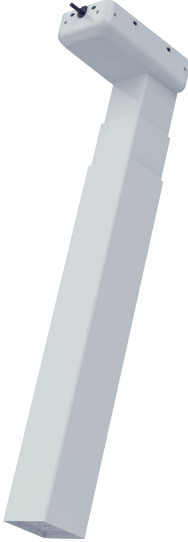
Measurement(mm)



L6R2P



L6S2P



Features

- 3-Stage
- High strength carbon steel
- Laser cutting / welding
- Hole-free columns
- Color customization

Specification

560 mm

Installation Size

650mm

Max. Stroke

1210 mm

Max. Height

800N

Max. Load

40 mm /s

Speed

≤ 50 dB

Noise



White

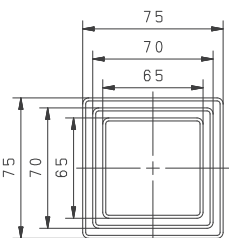
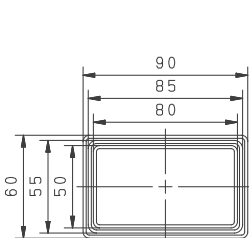
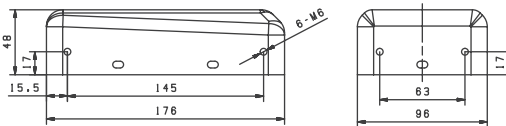


Light Grey



Black

Measurement(mm)







### L6C2-20

- 681\*77\*52mm



### DF01S-03M0

- 600\*75\*26mm



### DF01S-03P0

- 600\*75\*26mm



### DF01N-03A0

- 600\*75\*20mm



### DF011-5500

- 580\*60\*20mm



### C31E

- Number of motors controllable: 1
- Rated Power: 100W
- Connectable to lithium Battery
- Overheat / Overload protection



### C32E

- Number of motors controllable: 2
- Rated Power: 200W
- Connectable to lithium battery
- Overheat / Overload protection



### C33E

- Number of motors controllable: 3
- Rated Power: 300W
- Connectable to lithium battery
- Overheat / Overload protection



### C34

- Number of motors controllable: 4
- Rated Power: 600W
- Connectable to lithium battery
- Overheat / Overload protection



### C66

- Multi-function convertor
- Bluetooth
- Gyro-sensor
- Connectable to 2 controls



### HL1

- 3 Memory position
- LED height display
- Lock



### HL9

- Silicon button
- Small and compact design



### HL22

- 4 Memory position
- LED height display
- Lock
- Type-A / C
- Built-in control



### HL23

- 3 Memory position
- LED height display
- Lock
- Built-in control



### HL13

- 4 Memory position
- Touch Screen
- LED height display
- Lock



### HL15

- 4 Memory position
- LED height display
- Lock



### HL29

- 3 Memory position
- LED height display
- Silicon button
- Lock



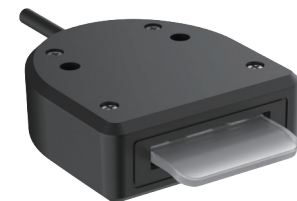
### HL33

- 4 Memory position
- Sedentary alert
- LED height display
- Lock
- Type-A / C



### HL17U

- 4 Memory position
- LED height display
- Lock
- Type-A / C



### HL19

- Tilting switch
- Ergonomic design



### HL36

- 2 Memory position
- OLED height display
- Lock



### C51

- Wireless
- Build in battery
- Bluetooth connection
- Height display
- 2 Memory position



#### DP001

- Height range:245-460mm
- Width range:85-175mm
- Max. load:15kg



#### DP002

- Height range:260-505mm
- Width range:150-270mm
- Max. load:15kg



#### DP006

- Length range:380-530mm
- Width range:150-240mm
- Height range:300-530mm
- Max. load:15kg



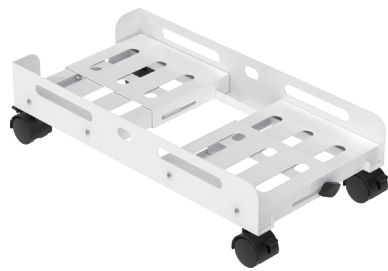
#### DP007-1

- Length:250mm
- Width:195mm
- Max. load:10kg



#### DP003

- Length:460mm
- Width range:180-240mm
- Max. load:15kg



#### DP004

- Length:630mm
- Width range:230-340mm
- Max. load:15kg



#### DP007-2

- Length:290mm
- Width:275mm
- Max. load:10kg



RICHMAT's global influence

RICHMAT has been making profits for more than 12 years, already became a large-scale enterprise in the field of transmission & control. The products are recognized in more than 40 countries and regions.



Integration of industry chain



RICHMAT has sophisticated industrial chain. By 2023, RICHMAT had achieved complete self-sufficiency in moulding,metal processing, injection, electrics development and assembling. Until now, there are 4 production bases, covering a total area of 100, 000 m<sup>2</sup> and nearly 1, 200 employees.

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

Mould development

Metal processing

Electronic branch

Assembling production

Certificates System

Quality system / intellectual property / trademark patent / certificate



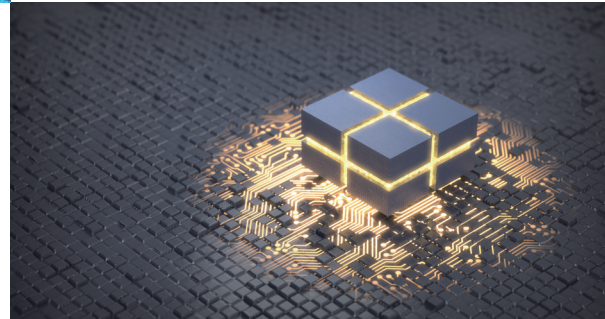


## Richmat High-Tech Industrial Park

Richamt basement locates in Jimo semiconductor high-tech Industrial Park. Billions of investment and carries main production task of Richmat.

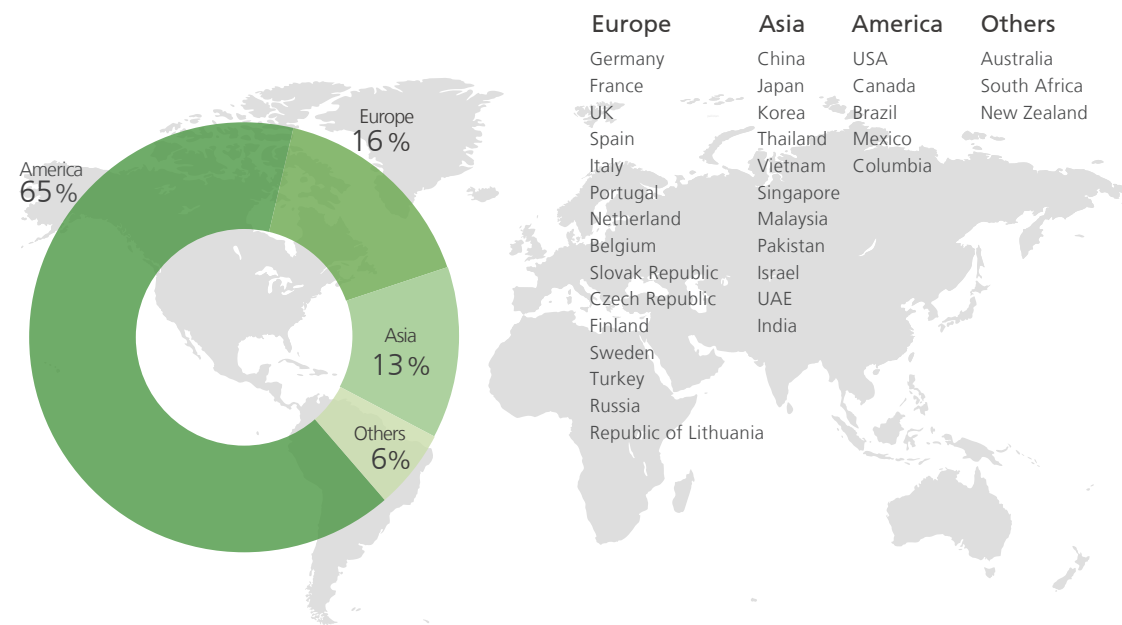
## RICHMAT Electronic technology R&D center

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



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View more on official website:

<http://www.richmat.com>