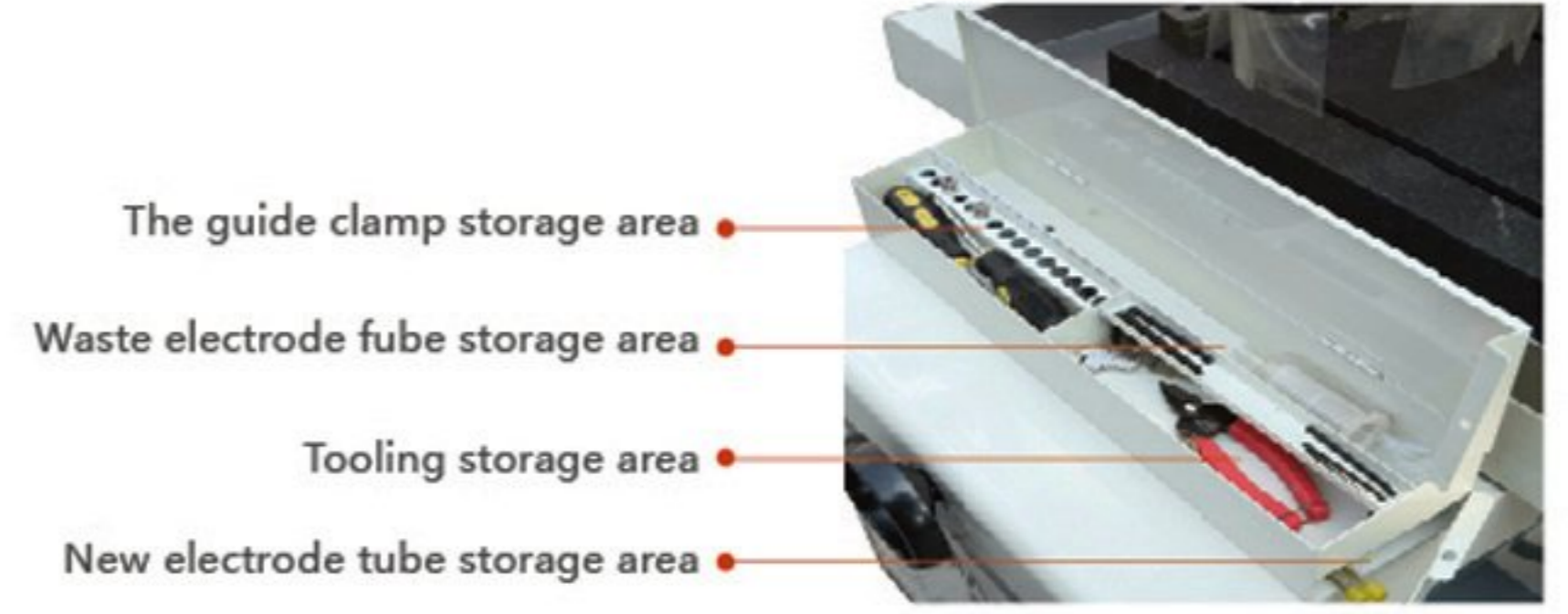
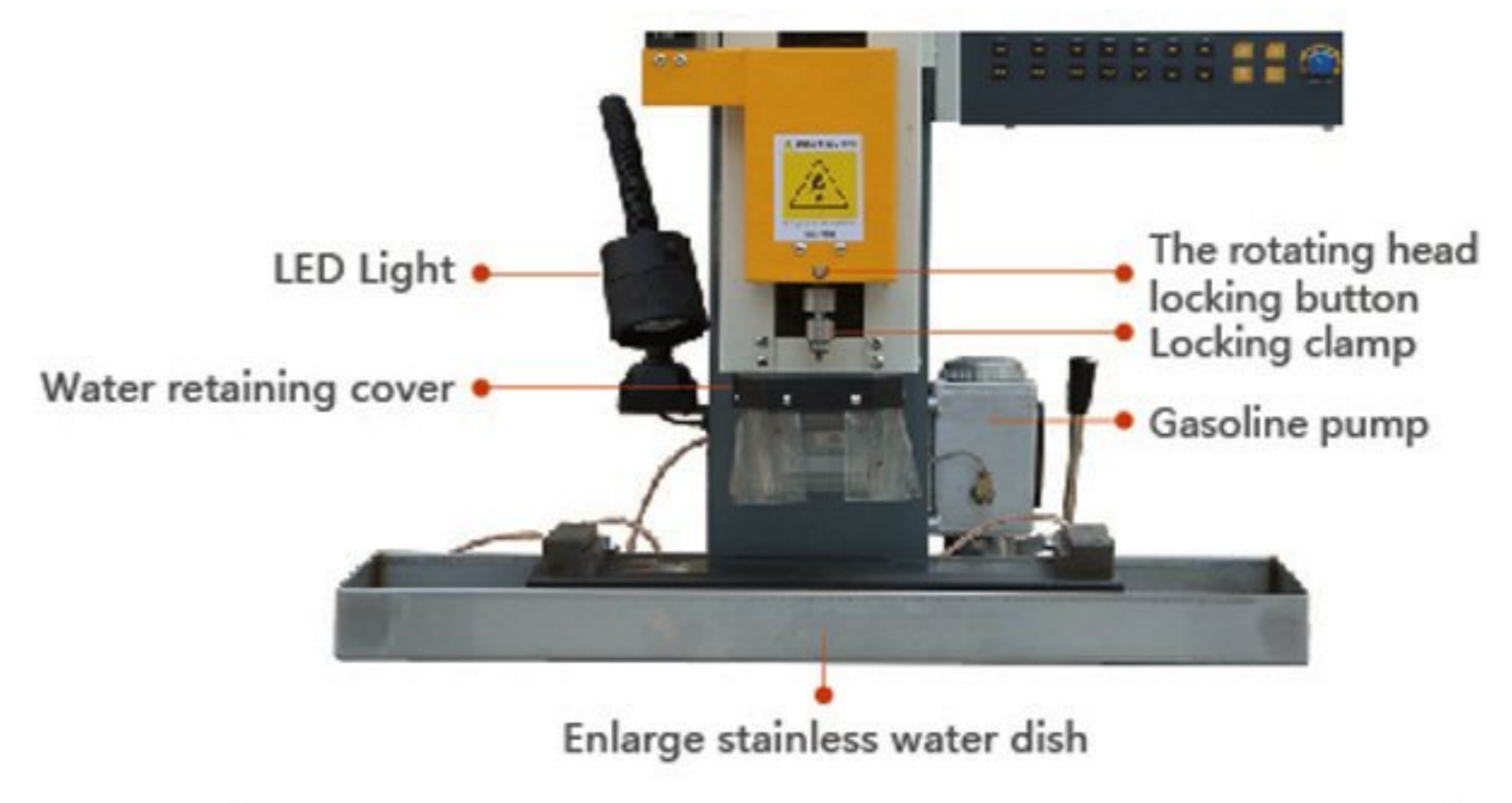
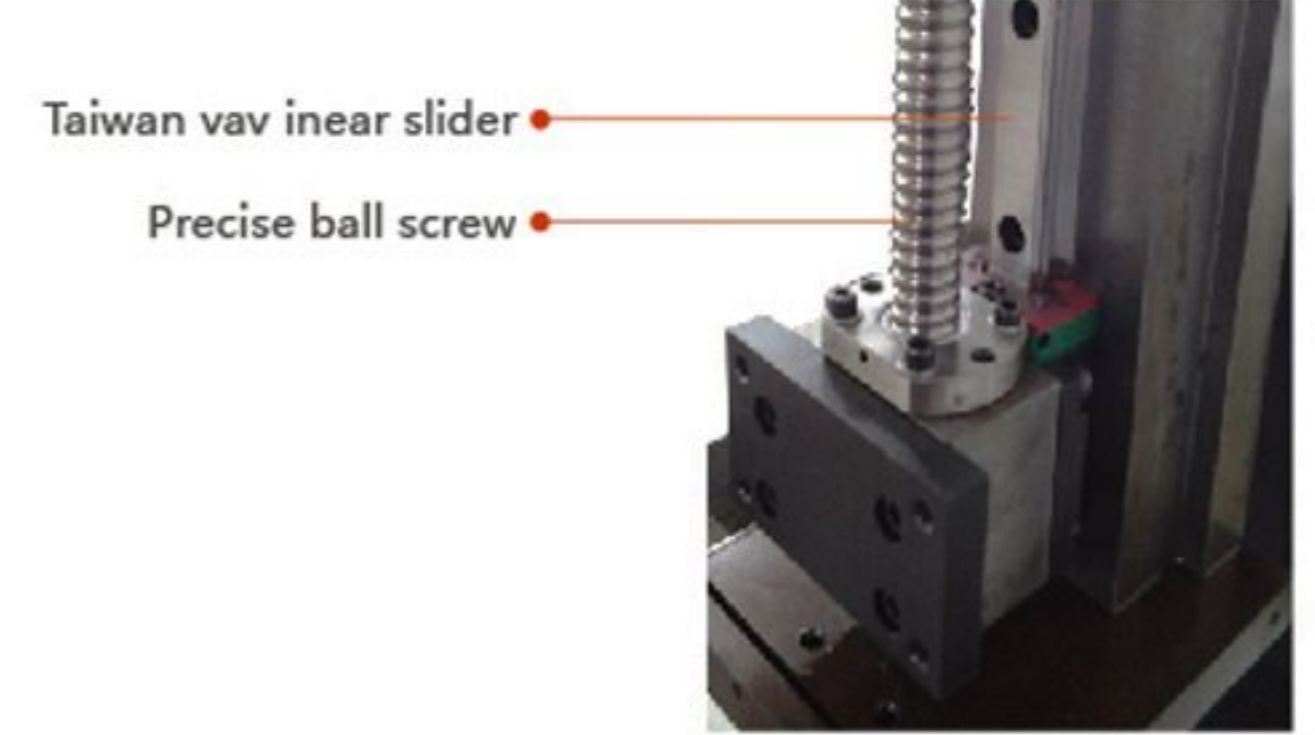


# Specialize in technology Progress of endless

FOR EASY AND SIMPLE HOLE DRILLING



## DETAILS



Precise clamp and guide clamp



Patent integration rotating head



Electric plunger pump



Pneumatic high pressure pump



Ion purification system

## FEATURE

- ▲ 1.Z axis 380mm, with 500mm electrode,the electrode tube waste to a minimum,greatly improve the use efficiency of the electric tube.
- ▲ 2. Z axis adopts servo motor, fast lift, the entire cycle of 10 seconds the stroke by electric lift.
- ▲ 3. Operating system independent r & d: one button operation is more humanized, depth function, divided function, fixed end function, expert database, polarity conversion, digital sampling, servo tracking.
- ▲ 4. Patent rotating head: the ceramic wear plate, the first integrated design of motor rotating head.

- ▲ **Humanized design:** Design of each product ideas are from the customer experience, and strive to simple, functional and practical, stable performance.
- ▲ **The standardization of production:** The production process uses the ERP process management, selection of genuine spare parts, pay attention to every detail of the production process,Ensure the production of each equipment are fine.
- ▲ **Service,promotion of information technology:** The company set up electronic records for all products and customer management, customer management system using CRM,to ensure that the service is fast and efficient, customer comments and suggestions can timely feedback, we firmly believe that, quality products is the fundamental guarantee of good service, we will set up the service point in the customer is relatively concentrated, in order to better serve our customers.

# Fine hole, deep hole, Hard alloy

PSUPER USEFUL ,FINE HOLE ELECTRIC  
DISCHARGE MACHINE



## CONTROL SYSTEM

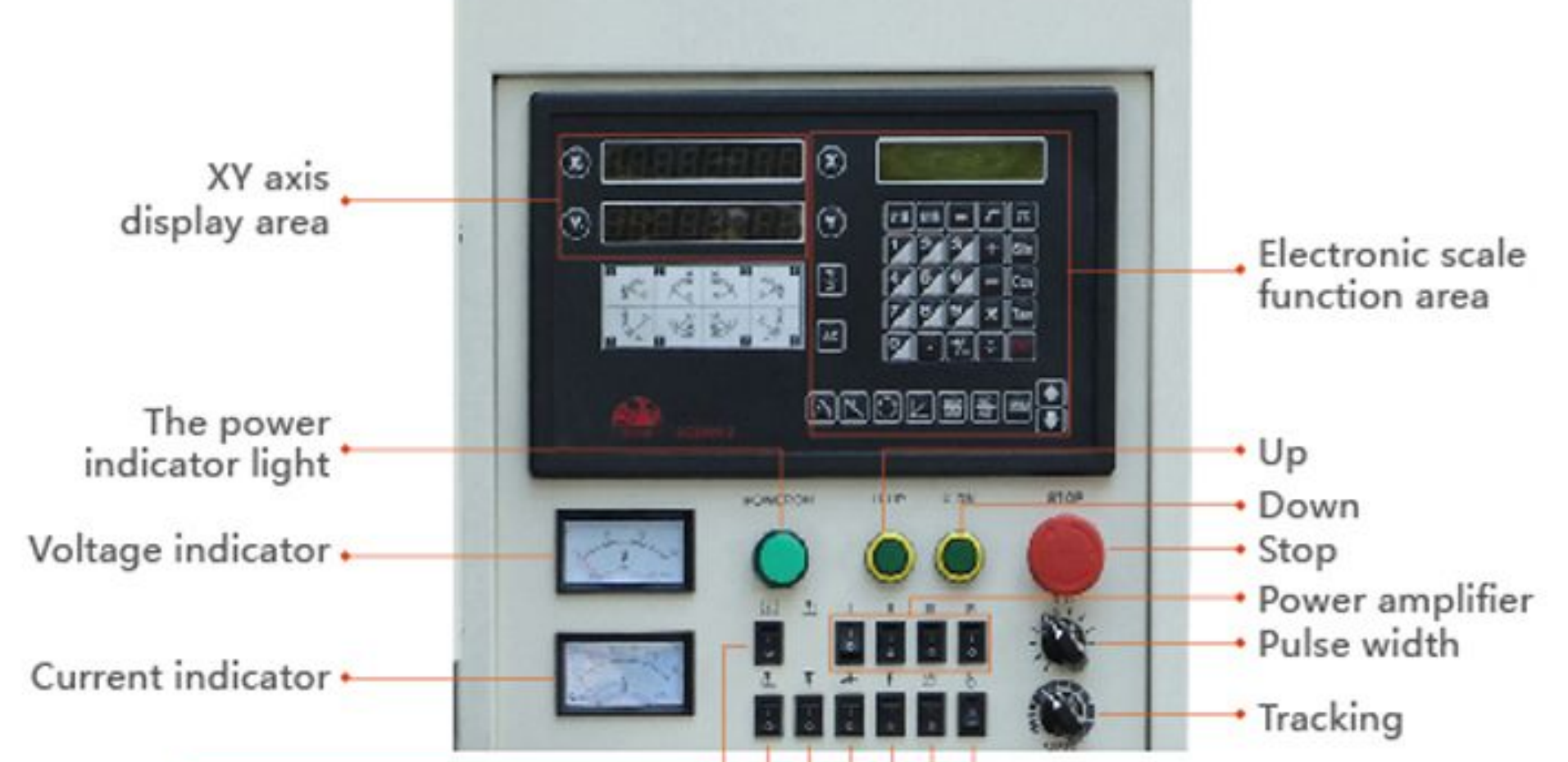
### Control system A



(FROM LEFT TO RIGHT)

The segment number / Pulse width / Inter pulse / Power amplifier / The gap voltage  
Working voltage / Inter-electrode capacitance / Open the rotating head /  
A key processing / Tracking regulation / High frequency / Water pump

### Control system B



(FROM LEFT TO RIGHT)

High and low pressure / Tool setting / Rotation / Water pump /  
High frequency / Processing / Fast up fast down

**Application:** Stamping die / The semiconductor die / Automobile parts / The threading hole / Wire cutting / Watch parts / Aviation parts /  
Medical instrument / Nozzle / Turbine blade / Chemical fiber spinneret hole / Pneumatic components of oil hole



▲ **The deep hole processing**  
Thickness : 200mm  
Hole diameter : 1.0mm



▲ **Spherical hole machining**  
Hole diameter : 1.0/0.5/0.3mm



▲ **Hard alloy processing**  
Thickness : 20mm  
Hole diameter : 0.5/0.8mm



▲ **Thickness change control process**  
Thickness : 25/50/75mm

※The configuration of fourth axis (Z2) models

# Quick and simple accurate and reliable

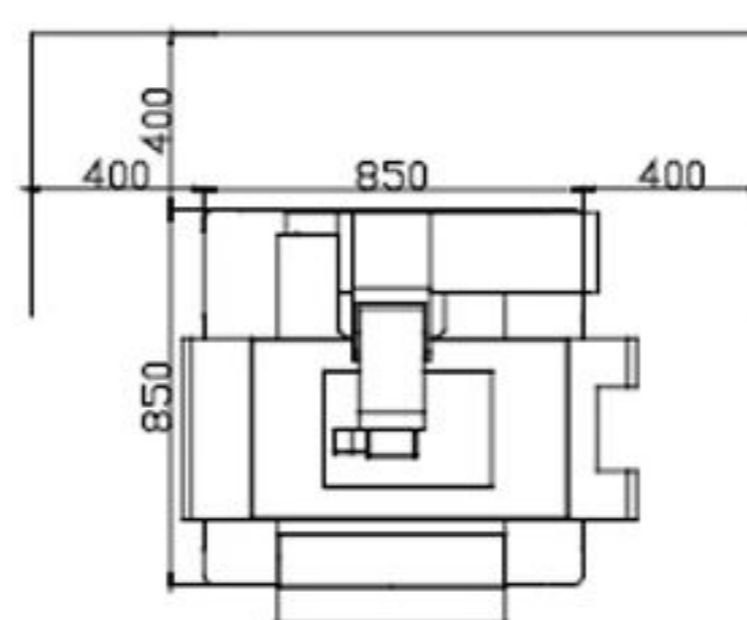
## AMASUN FINE HOLE ELECTRIC DISCHARGE MACHINE

### The main technical parameters and configuration

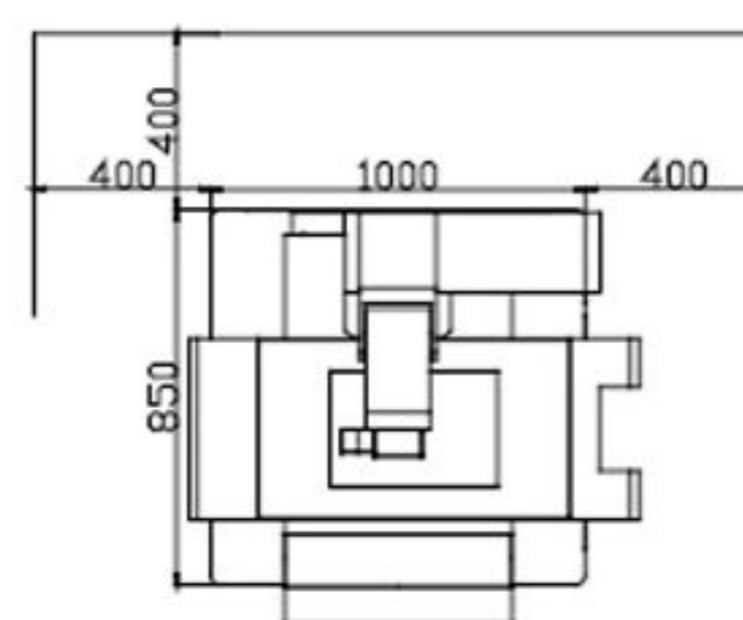
Parameters	Model	KD703A	KD703B	KD703C
The clamping electrode range ( mm )		Φ0.2-Φ3.0	Φ0.3-Φ3.0	Φ0.1-Φ3.0
Stroke ( mm )		280	280	330
Axis servo stroke ( mm )		380	380	350
Axis two stroke ( mm )		○	○	150
Axis max. Speed ( mm/min )		2200	800	2200
The rotating head(caxis) speed ( rpm )		0~500Adjustable	0~500Adjustable	0~500Adjustable
Work table size ( mm )		440*320	440*320	500*250
X*Y stroke ( mm )		400*300	400*300	350*250
The max. Distance between guide and working table ( mm )		320	320	360
Max. Working current ( a )		40A	40A	40A
Enter the max. Power ( kw )		4.5	4.5	4.5
Power supply input mode ( v/hz )		380/50	380/50	380/50
Digital display mode		3 AXIS	2 AXIS	3 AXIS
The max. Working pressure ( mpa )		12	8	12
Max. Loading ( kg )		300	300	500
Size ( w*l*h )		1000*1000*1900	1000*1000*1900	1200*1050*2300
The weight of the whole machine ( kg )		850	800	1000
Precision three jaw chuck		●	●	○
Precision self-locking chuck		◐	◐	●
Er type chuck		◐	◐	◐
Electrode tubes φ0.5/10pc φ1.0/10pc		●	●	●
Guide φ0.5/1pc φ1.0/1pc		●	●	●
Special tool box 1 pc		●	●	●
Tool 1 set		●	●	●
Correction, core 1 pc		●	●	●
Led lamps 1pc		●	●	●
Wrench the filtering bucket 1pc		●	●	●
Parallel block group 1set		●	●	●
Ion purification system		◐	○	◐
Circulation purification system		◐	◐	◐
Water retaining cover		●	●	○
Electric plunger pump		◐	●	◐
Pneumatic high-pressure pump		●	◐	●

Note: ● The standard configuration, ◐ Select the configuration, ○ No configuration, as technology advances, the above parameters may be updated

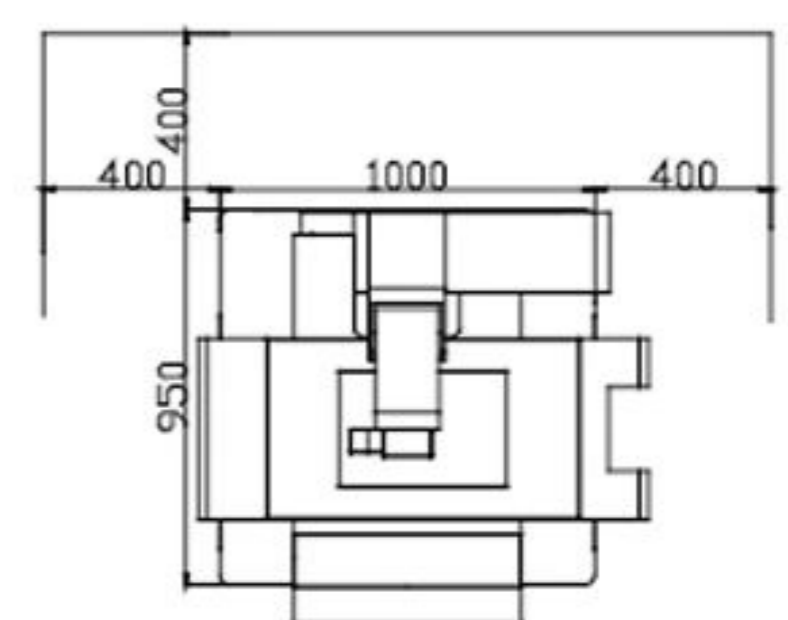
A Model install dimension



B Model install dimension



C Model install dimension



Huai'an Kingred CNC Technology Co.,Ltd  
Add.: No.10, Liu Lingtai RD, Huai'an, Jiangsu, China  
Tel:+86-517-80999166

Suzhou Kingred Electrical & Mechanical Technology  
Add.: No.1200, Xiangcheng Dadao RD,  
Xiangcheng District, Suzhou, Jiangsu, China  
Tel: +86-512-62923695,66730809  
Fax: +86-512-62923693

Website: www.kingredms.com  
E-mail: info@kingredms.com