

Equipment Performance Introduction

Full-automatic non partition air paper filter folding machine production line FJWG-1300-A

Technical Parameters

Product width:1300MM
 Gluing machine dimensions:5000*2360*1500
 Gluing machine production speed:45-15m/min
 Strip spacing:25.4MM
 Strip quantity:2*48pcs
 Working pressure:0.6MPA
 Operating voltage:AC 380V/50HZ
 Gluing machine folding height range:20-100MM
 Melter capacity:50KG (2pcs)
 Machine weight:850KG
 Total machine power:25KW
 Conveying is composed of synchronous belt and non-powered roller



Full-automatic non partition air paper filter folding machine production line FJWG-700-A

Technical Parameters

Product width:700MM
 Gluing machine dimensions:5000*1600*1500
 Gluing machine production speed:45-15m/min
 Folding range of gluing machine: 20-100MM
 Strip spacing:25.4MM
 Strip quantity:2*26pcs
 Working pressure:0.6MPA
 Operating voltage:AC 380V/50HZ
 Gluing machine folding height range:20-100MM
 Melter capacity:50KG (1pcs)
 Machine weight:850KG
 Total machine power:11KW
 Conveying is composed of synchronous belt and non-powered roller



Originating from quality
 Starting from service

Equipment Performance Introduction

AutomaticHEPA filter production line FJPP-700-A

Technical Parameters

Product width:700MM
 Gluing machine dimensions:5000*1600*1500
 Gluing machine production speed:45-15m/min
 Folding range of gluing machine: 8-100MM
 Strip spacing:25.4MM
 Strip quantity:2*26pcs
 Working pressure:0.6MPA
 Operating voltage:AC 380V/50HZ
 Gluing machine folding height range:20-100MM
 Melter capacity:50KG (1pcs)
 Machine weight:850KG
 Total machine power:11KW
 Conveying is composed of synchronous belt and non-powered roller



AB glue injection machine production line

Technical Parameters

Glue output:1-25 grams (adjustable)
 The total amount of glue injection:time control, time adjustable
 Injection accuracy:3% error
 Electrical control:PLC, touch screen
 Operation mode:hand-held switch control
 Measuring method:gear pump measuring
 Mixing method:static mixing
 Storage tank capacity:60L*2
 Power supply voltage:220V
 Power:3KW
 Air pressure:0.6MPA
 This machine is suitable for 2 barrels, 1 barrel for material A, and one barrel for material B. The gear pump is driven by the motor to inject the materials in the two barrels into the mixing head at the same time in proportion, the two groups of ingredients are mixed in the mixing head.



Equipment Performance Introduction

Drying tunnel

Technical Parameters

Power supply voltage: 380V/50HZ

Drying conveyor width: 1000MM

Heating temperature: room temperature -250 degrees adjustable

Speed: 2 meters/S (adjustable)

Independent temperature control and fan above the drying conveyor belt

Independent temperature control and

Total power of the machine: 35KW

Machine weight: 800kgs

Heating time: adjustable



Equipment Performance Introduction

Air filter sealing ring machine

Technical Parameters

Working voltage: AC220V

Working air pressure: 0.6MPA

Total power: 800W

Station: 2 stations rotate in cycles

Control method: foot switch control

Can produce filter cartridges with a diameter of up to 350MM

(Sealing ring diameter according to user operation)



Air filter spiral glue injection machine

Technical Parameters

Production capacity: 3-5 pieces/minute

Air filter length: ≥ 100MM

Power supply voltage: 220V

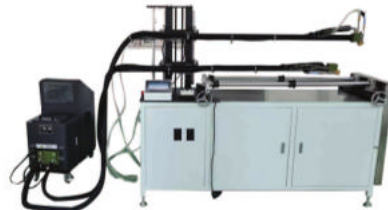
Rubber machine volume: 10KG

Total power of the machine: 5KW

Working air pressure: 0.6MPA

External dimensions: 1300 * 650 * 1400

This machine is mainly used to apply spiral glue to the inner and outer rings of the air filter element



Air filter automatic paper loading machine

Technical Parameters

Power supply voltage: 220V/50HZ

Working air pressure: 0.6MPA

Speed 2-3 pieces/min

Paper loading door width: 1000MM (customizable)

Total machine power: 300W

The filter cartridge paper head is bonded with white emulsion adhesive

Machine automatic glue brushing, automatic docking, and automatic mesh installation

This machine is mainly used for automatic operation of plant fiber paper air filter elements



Originating from quality

Starting from service

Equipment Performance Introduction

Filter cartridge

Technical Parameters

Working voltage: AC220V

Working air pressure: 0.67MPa

Power: 1.5KW

Working speed: 7 meters/minute

Joint method: ultrasonic hot pressing

This machine is used for joining polyester spunbonded fabric in filter cartridges



Filter cartridge glue thread machine

Technical Parameters

Power supply voltage: 220V/50HZ

Conveyor belt width: 300MM

Speed: 15 meters/min

Total power of the machine: 12KW

This machine is used to apply line adhesive on the surface of the filter element



Automatic seaming machine for filter cartridges

Technical Parameters

Output power: 2000W

Working power supply: 220V+5V 50/60HZ

Running speed: 1-30 meters/min (adjusted according to actual situation)

Environmental temperature: ≤ 25 °C

Air source: 0.4-0.7Mpa

Ultrasonic frequency: 20K2000W

Ultrasonic brand: 20K2000W, radial ultrasonic



Originating from quality

Starting from service

Equipment Performance Introduction

Filter cartridge strap welding machine

Technical Parameters

Filter cartridge strap welding machine

Output power: 4500W

Working power supply: 220V+5V 50/60HZ

Running speed: 1-30 times/min (adjusted according to actual situation)

Volume: 630cm * 100cm * 170cm

Air source: 0.4-0.7Mpa

Tracheal diameter: 8mm

Effective welding width: 550cm

Effective welding depth: 1.6cm-3cm

Tooth mold spacing: 0.9cm

Mold teeth: 60 teeth



Strap head spot welding machine

Technical Parameters

Output power: 2000W

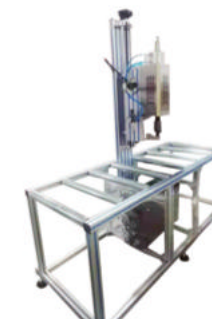
Working power supply: 220V+5V 50/60HZ

Running speed: 1-10 times/min

Environmental temperature: ≤ 25 °C

Air source: 0.4-0.7Mpa

Ultrasonic rating: 20K2000W



Filter cartridge circulation assembly line

Technical Parameters

Working voltage: AC380V

Machine power: 1.5KW

Rotating workstations: 30, each workstation can accommodate 2 products

Rotating station size: 800MM * 500MM

Machine dimensions: 14.975 meters * 2.2 meters * 2.9 meters (length * width * height)

Aluminum profile: European standard 80 * 80

Rotating platform to ground height: 600MM

Time required for one revolution: 15-30 minutes (adjustable)

Frequency converter: Vinyon Tong

The filter cartridge after being glued is placed on this assembly line for curing. The advantage of this machine is that it can accelerate the curing time of the glue, ensure the verticality of the filter cartridge, and save workshop area.



Equipment Performance Introduction

Sixth generation filter element paper machine FJZD-50-3500-A

Technical Parameters

Maximum width of folded product:3500MM

Folding height range:15-50MM

Folding speed:80 folds/min

Setting temperature:180 degrees

Working voltage:AC380V

Folding height adjustment method:touch screen input data adjustmen

Adjustment method of blade opening angle:touch screen input data adjustment

The adjustment method of the gap between the folding knife edge and the heating plate:touch screen input data adjustment

Adjustment of the gap between the upper folding knife and the lower folding knife:

adjustment of the touch screen input data

This machine is controlled by servo motor, touch screen, PLC and temperature control module to realize folding M-type filter element, W-type filter element, N-type filter element, stepped filter element, etc.



Filter element paper machine

Technical Parameters

Folding product door width selection: 650MM, 850MM,

1050MM, 1250MM, 1550MM, 2050MM, 2600MM, 3100MM, 3500MM

Folding height range:15-50MM

Folding speed:80 folds/min

Setting temperature:180 degrees

Working voltage:AC380V

Folding height adjustment method:touch screen input data adjustmen

Adjustment method of blade opening angle:touch screen input data adjustment

The adjustment method of the gap between the folding knife edge and the heating plate:touch screen input data adjustment

Adjustment of the gap between the upper folding knife and the lower folding knife:

adjustment of the touch screen input data

This machine is controlled by servo motor, touch screen, PLC and temperature control module to realize folding M-type filter element, W-type filter element, N-type filter element, stepped filter element, etc.



Originating from quality

Starting from service

Equipment Performance Introduction

3.1 meter second-generation filter element paper machine FJZD-55-3100-II

Technical Parameters

Maximum width of folded product:3100MM

Folding height range:15-50MM

Folding speed:60 folds/min

Setting temperature:180 degrees

Air pressure:0.6MPA

Working voltage:AC380Vd non-powered roller



AB glue injection machine production line

Technical Parameters

Glue output:1-25 grams (adjustable)

The total amount of glue injection:time control, time adjustable

Injection accuracy:3% error

Electrical control:PLC, touch screen

Operation mode:hand-held switch control

Measuring method:gear pump measuring

Mixing method:static mixing

Storage tank capacity:60L*2

Power supply voltage:220V

Power:3KW

Air pressure:0.6MPA

This machine is suitable for 2 barrels, 1 barrel for material A, and one barrel for material B. The gear pump is driven by the motor to inject the materials in the two barrels into the mixing head at the same time in proportion, the two groups of ingredients are mixed in the mixing head.



Equipment Performance Introduction

Automatic curtain sewing, folding and shaping production line FJCL-140-2050

Technical Parameters

Power: 12KW

Power supply voltage: AC380V

Machine weight: 800KG

Sewing speed: 7.2 meters per minute

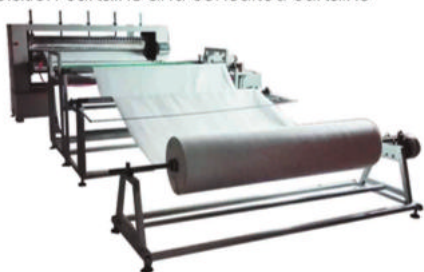
External dimensions (length * width * height): 5000 * 2700 * 1700

Discount height: 20-150MM

Effective width: 2050MM

Air pressure: 0.6MPA

This machine consists of an automatic tension unwinding part, an automatic flanging and sewing part, and a folding and shaping part. It is mainly used in the production of medical isolation curtains and consulted curtains



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Multi axis feeding rack

Technical Parameters

Voltage: 220V/50HZ

Discharge shaft motor power: 0.4KW

Pulling motor power: 0.75KW

Discharge diameter: 1000MM

This machine automatically unwinds the coil under constant tension to ensure no stretching of the material



Originating from quality

Starting from service

Equipment Performance Introduction

300 fold high folding paper machine

Technical Parameters

Folding product door width selection: 650MM, 850MM, 1050MM

Folding height range: 100-300MM

Folding speed: 14 folds/min

Setting temperature: 160 degrees

Working voltage: AC380V

Folding height adjustment method: touch screen input data adjustment

Blade opening angle adjustment method: touch screen input data adjustment

Adjustment method for the gap between the folding blade

and the heating plate: touch screen input data adjustment

Gap adjustment between upper and lower folding knives: touch screen input data adjustment

This machine is controlled by a servo motor, touch screen, PLC, and temperature control module to achieve folding



Pre cutting marking machine counting origami shaping production line FJZD-55-1050

Technical Parameters

Folding product door width selection: 650MM, 850MM, 1050MM, 1250MM

Folding height range: 8-80MM

Folding speed: 180 folds/min

Setting temperature: 160 degrees

Working voltage: AC380V

Folding height adjustment method: touch screen input data adjustment

Blade opening angle adjustment method: touch screen input data adjustment

Adjustment method for the gap between the folding blade

and the heating plate: touch screen input data adjustment

Gap adjustment between upper and lower folding knives: touch screen input data adjustment

Marking speed: 200 times/min

Pre cutting conveying speed: 20 meters/min

This machine is controlled by a servo motor, touch screen, PLC, and temperature control module to achieve folding



Equipment Performance Introduction

Hundred fold filter element production line

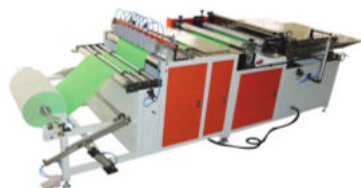
Technical Parameters
 Effective door width: 1250MM
 Working voltage: AC380V
 Working air pressure: 0.6MPA
 Hole distance: 50MM
 Fold height: 30-60MM
 Total power: 12KW
 Setting temperature: 160 °
 Production speed: 60 fold/min



100 fold filter cartridge organ filter paper

Roller type environmentally friendly filter origami machine FJGT-1000-III

Technical Parameters
 Effective door width: 1000MM
 Working voltage: AC380V
 Working air pressure: 0.6MPA
 Hole distance: 50MM
 Fold height: 12-50MM
 Total power: 25KW
 Setting temperature: 160 °
 Production speed: 70 metres/min
 Unwinding diameter: 800MM



Slitter

Technical Parameters
 Effective longitudinal cutting width: 650 mm, 1250mm (Customizable)
 Working voltage AC220V, power 1.5KW
 Number of cutting knives: 5 sets
 Adjustable cutter spacing
 The motor drives the tool to move up and down, achieving cutting.
 Xinjie servo motor, PLC control.

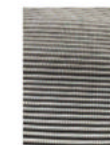


Originating from quality
 Starting from service

Equipment Performance Introduction

Hydraulic filter automatic unwinding folding shaping longitudinal cutting transverse cutting production line

Technical Parameters
 Working voltage: AC380V
 Working air pressure: 0.6MPA
 Total power: 13KW
 Independent automatic unwinding of 3-layer materials
 Unwinding diameter: 1000MM
 Folding height: 6-50MM adjustable
 Folding height adjustment method: touch screen input data adjustment
 Blade opening angle adjustment method: touch screen input data adjustment
 Adjustment method for the gap between the folding blade and the heating plate: touch screen input data adjustment
 Gap adjustment between upper and lower folding knives: touch screen input data adjustment
 Discharge table counterweight: regulated by air pressure
 Longitudinal cutting minimum width: 80MM
 5 sets of longitudinal cutting knives
 Longitudinal cutting height: 6-50MM adjustable
 Horizontal cutting with grating protection
 Servo motor drives the lateral cutting tool to move



Filter folding cross cutting machine

Technical Parameters
 Cut folding door width: 1000MM (customizable)
 Upper cutting knife: driven by servo motor
 Rodless cylinder drive
 Dual button start working air pressure: 0.6MPA
 Working voltage: AC220V/50HZ



Equipment Performance Introduction

Aluminum foil (paper) corrugated machine with partition FJLB-320-II

Technical Parameters

Maximum width of production product: 55-320MM

Corrugated height: 6MM

Production capacity: 20PIS/min

Total power of motor: 1KW (stepless speed regulation)

Operating voltage: AC380V50HZ (three-phase four wire)

Working air pressure: 0.6MPA

Boundary dimension: 3700 * 1300 * 1450mm

This machine adopts Delta PLC, frequency converter, counter, tension controller, temperature controller, American Bonner sensor, and cylinder control. The machine is fixed in length through sensors to achieve automatic cutting, pushing, and aggregate functions



Fully automatic glass fiber folding machine with partition FJYG-850

Technical Parameters

Maximum width of production product: 850MM

Production line speed: 10M/min

Maximum height of production product: 1260MM

Total motor power: 1KW

Working voltage: AC220V/50HZ

Working air pressure: 0.6MPA

Boundary dimension: 3200 * 1300 * 2450MM

Discount height: 85-300mm

Marking width: 2.5-30MM

This machine adopts a frequency converter, servo motor, PLC, touch screen control, sensor, and cylinder control to achieve different folding heights for one machine. This machine is mainly used for the assembly and production of fiberglass paper folded into corrugated materials in partition filters



Equipment Performance Introduction

Border glue injection machine FJBK-600

Technical Parameters

X/Y/Z axis machining range (MM): 600 * 600 * 100

Maximum speed XY/Z-axis: 600MM/S 300MM/S

External dimensions: 10500 * 850 * 1200

Display method: Teaching box LCD

Editing mode: Teaching box

Transmission method: synchronous belt/screw rod

Motor system: stepper motor

Repetitive positioning accuracy: ± 0.01

Power supply voltage: AC220W/50HZ

Power: 300W

Temperature: 5-40 degrees

Weight: 120KG

Maximum load (KG)/(< 80MM/S): countertop 30KG, Z-axis 7.5KG



Activated carbon honeycomb mesh welding machine FJFW-420600

Technical Parameters

Power supply voltage: AC220V

Air source pressure: 0.6MPA

Workbench size: 420 * 600MM (size can be customized)

Welding height: 110MM

Frame spray treatment

Workbench bottom plate: 25MM steel plate, quenched and tempered, surface electroplated

Upper transition plate: 20MM steel plate, quenched and tempered, surface sprayed with plastic

Heating aluminum plate: 25MM thick, with Teflon treatment on the working surface

Heating method: heating with a heating tube

Power: 7KW

Adjustable cylinder stroke



Originating from quality

Starting from service

Equipment Performance Introduction

Semi-automatic automotive air conditioning filter edge injection machine FJBT-300-A

Technical Parameters

Working voltage: AC220V/50HZ

Power: 4KW

Scraping width: 8-65MM (adjustable)

Scraping thickness: 0.5-3MM

Working air pressure: 0.6MPA

Conveyor belt length: 2 meters

Unwinding diameter: 800MM

Working speed: 6M/min

External dimensions: 3000mm * 400mm * 1100mm

This machine is used for gluing filter edge strips. It is controlled by PLC, touch screen, and stepper motor, and can accurately control the gluing length and cut the length accurately



Automotive Air Conditioning Filter Edge Glue Injection Machine FJBT-300

Technical Parameters

Overall dimensions of the host: 1700 x520 x1030mm

Hot melt adhesive machine capacity: 8kg

Heating power of hot melt adhesive machine: 6kw

Power supply voltage: 380V/50Hz

Host power: 120w

Working pressure: 0.6Mpa

Machine weight: 250kg

Production capacity: With a linear speed of 10 meters per minute, this machine is mainly used for gluing on cut edges. After the filter paper is folded and formed, stick the strip shaped non-woven fabric coated with hot melt adhesive on both sides of the filter paper



Equipment Performance Introduction

Automobile air conditioning filter edge cutting machine FJQT-650

Technical Parameters

Production capacity: 100 pieces/minute

Maximum transverse cutting width: 600mm

Longitudinal cutting width: 8-55mm (adjustable)

Power supply: 1.5kw

Power supply voltage: 220V/50Hz

Machine weight: 300kg

External dimensions: 1100x600x1100



Filter element cutting machine FJQG-LV-1

Technical Parameters

Motor power: 1KW

Maximum cutting height: 400MM

Workbench size: 1000MM * 1200MM

Blade length: 3880

With online sharpening tool



Originating from quality

Starting from service

Equipment Performance Introduction

Slitting and rewinding machine FJFQ-1300-II

Technical Parameters

Power supply voltage: AC380V

Air source pressure: 0.6MPA

Door width: 1300mm

Unwinding diameter 1000MM

Cutting method: Pneumatic knife cuts the bottom stick

Friction dual axis winding

Power: 2.2KW

Minimum cutting and winding width: 16MM

Speed: 270M/min

This machine consists of an automatic tension unwinding section, an automatic edge correction section, a transition section, a cutting section, and a winding section



Friction type filter material cutting and rewinding machine FJFQ-2100

Technical Parameters

Working voltage: AC380V

Working air pressure: 0.6MPA

Boundary dimension: 3500 * 2000 * 1500MM

Automatic tension control for unwinding

Power: 2.2KW

This machine consists of an automatic tension unwinding section, edge correction section, transition section, slitting section, and winding section



Originating from quality

Starting from service

Equipment Performance Introduction

Automatic filter material composite machine FJFH-1250-II

Technical Parameters

Power: 5KW

Working air pressure: 0.6MPA

Door width: 1250MM

Fully automatic tension control for winding and unwinding

Speed: 40M/min

Roll diameter: 1000MM

Boundary dimension: 6000 * 1450 * 2000MM

This machine consists of an automatic winding and unwinding section, an automatic tension unwinding section, an excessive section, a gluing section, a pressing section, a fan cooling section, a winding and automatic tension section, a winding section, and a winding and unloading section



Spray type activated carbon filter material composite machine FJFH-1250-II

Technical Parameters

Power supply voltage: AC380V

Air pressure: 0.6MPA

Effective door width: 1250MM

Rubber machine capacity: 50KG

Automatic tension for winding and unwinding

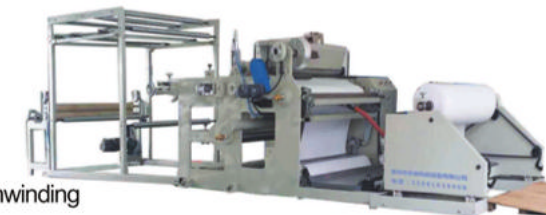
Automatic winding and slitting

Spraying amount: 3-20 grams/square meter adjustable

Carbon scattering amount: 5-50 grams/square meter (single carbon scattering)

External dimensions: 4000 * 1350 * 1250

This machine consists of automatic winding and unwinding parts, automatic tension unwinding parts, edge correction parts, transition parts, adhesive spraying parts, pressing parts, fan cooling parts, slitting parts, automatic tension parts for winding, winding parts, and winding and unloading parts



Equipment Performance Introduction

Filter material composite machine FJFH-700

Technical Parameters
 Working voltage: AC380V, 50HZ (three-phase four wire)
 External dimensions: 4000 * 1350 * 1250
 Material width: 700MM
 Roll diameter: 800MM
 Heating power: 4KW
 Motor power: 1.5KW
 Machine weight: 500KG
 Production speed: 0-12 meters/minute (adjustable)
 Main features: This machine can automatically complete the composite bonding process of wire mesh and non-woven fabric, with convenient operation, high efficiency, flatness, and firmness. The working speed can be adjusted through frequency conversion to suit different



Non woven fabric cutting machine

Technical Parameters
 Working voltage: AC220V
 Working air pressure: 0.6MPA
 Power: 1.5KW
 Fixed length cutting method: servo motor fixed length, cylinder driven cutting tool cutting
 Constant tension automatic controller controls tension
 Automatic deviation correction
 This machine is used for material cutting and fixed length cutting



Originating from quality
 Starting from service

Equipment Performance Introduction

Wire cutting and rolling machine

Technical Parameters
 Working voltage: AC380V
 Working air pressure: 0.6MPA
 Power: 0.75KW
 Effective door width: 1050MM (door width can be customized)
 Minimum coil diameter: 130MM (diameter size adjustable)
 This machine is used for winding the inner and outer nets of the filter element



Manual cross cutting machine

Technical Parameters
 Effective door width: 1050MM (door width can be customized)
 This machine is used for winding the inner and outer nets of the filter element



Equipment Performance Introduction

Diamond expansion mesh rolling machine

Technical Parameters

Plate thickness: 0.4-0.5MM

Bandwidth: 65MM

Diameter range: 80-400MM

Total motor power: 4KW

Production speed: 6 meters/minute

Cutting method: pneumatic circular blade tracking cutting

Occlusion method: external bite, smooth inside and outside

Applicable materials: fingerprint resistant plate, hot dip zinc plate

Boundary dimension: 1700 * 1100 * 1500MM

Adjusting the diameter size does not require changing the mold

This machine is suitable for winding the inner and outer nets of the filter cartridge, and the iron mesh is a diamond shaped mesh. Place the pre purchased material roll onto the unwinding machine, thread the material head into the feeding die of the winding machine, and the die head will automatically expand and pull out the diamond mesh, causing problems



Round hole spiral mesh rolling machine

Technical Parameters

Plate thickness: 0.4-0.6MM

Bandwidth: 68MM

Diameter range: 45-135MM

Total motor power: 4KW

Production speed: 2.4 meters/min with a diameter of 87mm

Cutting method: rotary cutting after stopping the material

Occlusion method: external bite, smooth inside and outside

Applicable materials: fingerprint resistant plate, hot dip zinc plate

Boundary dimension: 1700 * 1100 * 1500MM

Adjusting the diameter size requires replacing the mold

Punching diameter 6MM

This machine is suitable for winding the inner and outer nets of the filter cartridge, iron mesh is a diamond shaped mesh. Place the pre purchased material roll onto the unwinding machine, thread the material head into the feeding die of the winding machine, and the die head will automatically expand and pull out the diamond mesh, causing problems



Originating from quality

Starting from service

Equipment Performance Introduction

Wire cutting and rolling machine

Technical Parameters

X/Y/Z axis machining range (MM): 600 * 600 * 100 (dimensions can be customized)

Maximum speed XYZ-axis: 600MM/S 300MM/S

Maximum load (KG)/(< 80MM/S): countertop 30KG, Z-axis 7.5KG

Display method: Teaching box LCD

Editing mode: Teaching box

Transmission method: synchronous belt/screw rod

Motor system: stepper motor

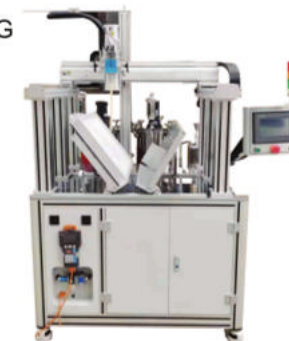
Repetitive positioning accuracy: ± 0.01

Power supply voltage: AC220W/50HZ

Power: 300W

Temperature: 5-40 degrees

Medium: AB adhesive



Continuous edging of air filter edge strips

Technical Parameters

Pastable product length: 150-500MM (customizable)

Pastable product width: 40-150MM (customizable)

Pastable product height: 7-30MM (customizable)

Paste accuracy: The edge is centered, and the size of the upper and lower misalignment is $\leq \pm 0.5$ MM

Apply the adhesive evenly without any breakage, and the adhesive amount and position can be adjusted

Working voltage: AC220V

Working air pressure: 0.6MPA

Power: 4KW

Weight: 120KG

Edge fitting speed: 3000-8000mm/min adjustable

Operating accuracy: ± 0.2 MM

Adjustable width of filter element feeding station

This machine is mainly used for pasting filter edge strips

