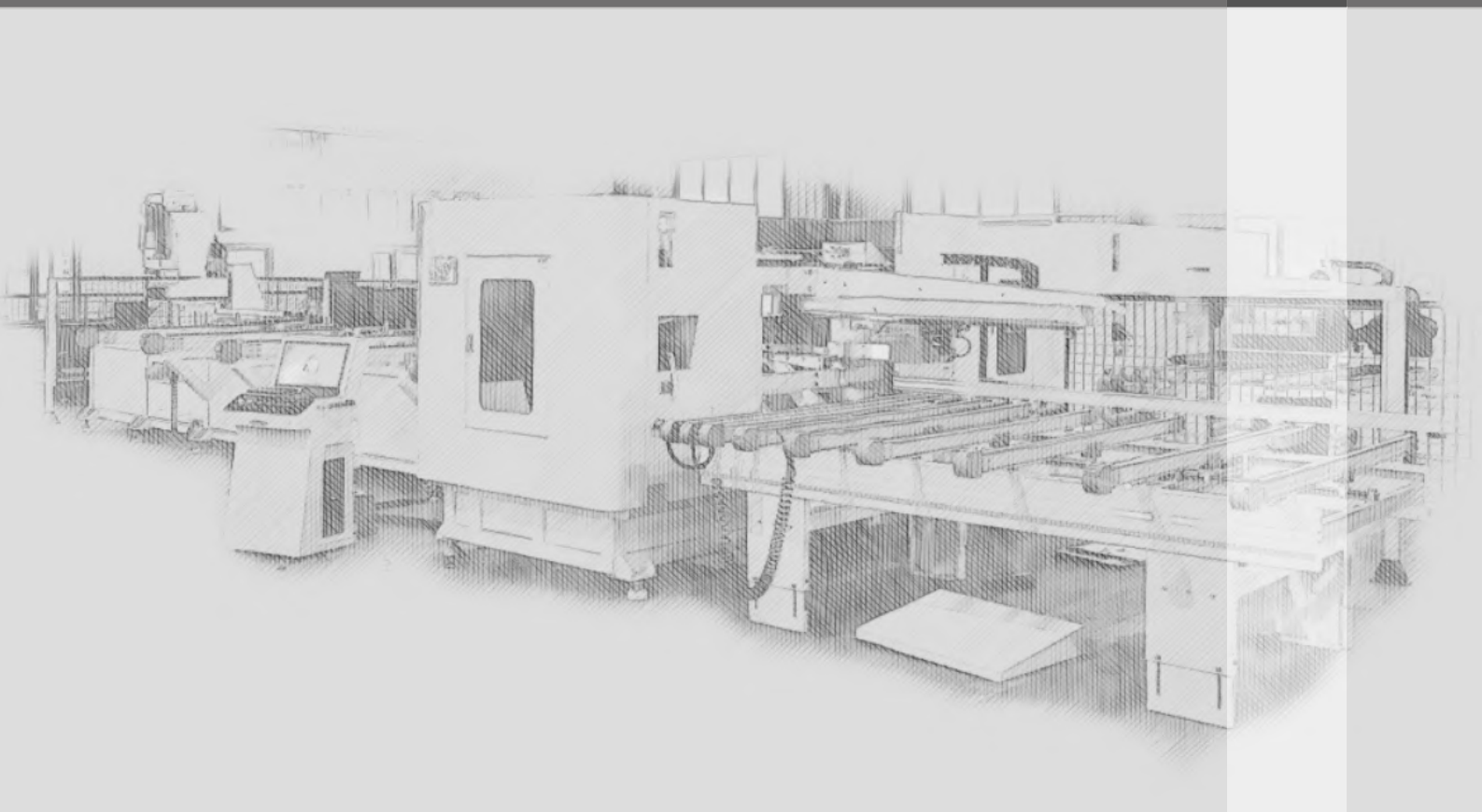


ALUMINUM MACHINE

WINDOW DOOR MACHINE



ALUMINUM MACHINE

CATALOG





CNC Cutting Center

LJ5-CNC-6100



Features

- It is suitable for aluminum window and door profile cutting with high efficiency.
- It could cut 45 and 90 degree.
- Feeding table clamp profile automatically. And Feed profile continuously and accurately.
- Moving parts use high-precision linear guide rail. So that it will keep machine run smoothly & ensure accuracy.
- We use Siemens control system to ensure the machine running stable and reliable.
- Innovative saw blade travel path effectively avoids sweeping profile while the blade return.
- The machine also uses fully protective shell to ensure the safety of operator.
- Automatic optimized profile cutting.
- The movement of the manipulator is driven by Siemens servo motor. It uses the imported high precision gear rack transmission. This could ensure the feeding precision.
- This machine is used the imported motor connecting the saw blade directly. Therefore this could make the cutting smoothly and steady with high processing accuracy.
- Optional: profile lifting table.
- Optional: bar code printer (set up the E-work digital factory system)

Parameter

| | |
|------------------------------------------|---------------------|
| Voltage | 380V/50HZ |
| Cutting blade power | 3×2.2KW |
| Air resource pressure | 0.6-0.8Mpa |
| Blade specification | Φ500mm & Φ400mm |
| Cutting profile length | 6000mm |
| Cutting profile width | 20-150mm |
| Cutting profile height | 20-100mm |
| Valid cutting length | 350-5800mm |
| Cutting angle | ±45° 90° |
| Angle error | ±5' |
| Cutting length error | ±0.2mm |
| Re-position error | ±0.05mm |
| Overall dimension | 14000 x 5500x2000mm |
| Profile feeding power | 2.2Kw |
| Saw blade lifting power | 1.5Kw |
| After-cutting profile transmission power | 1.0Kw |



CNC Cutting & Milling Center

LJX2-CNC-6000

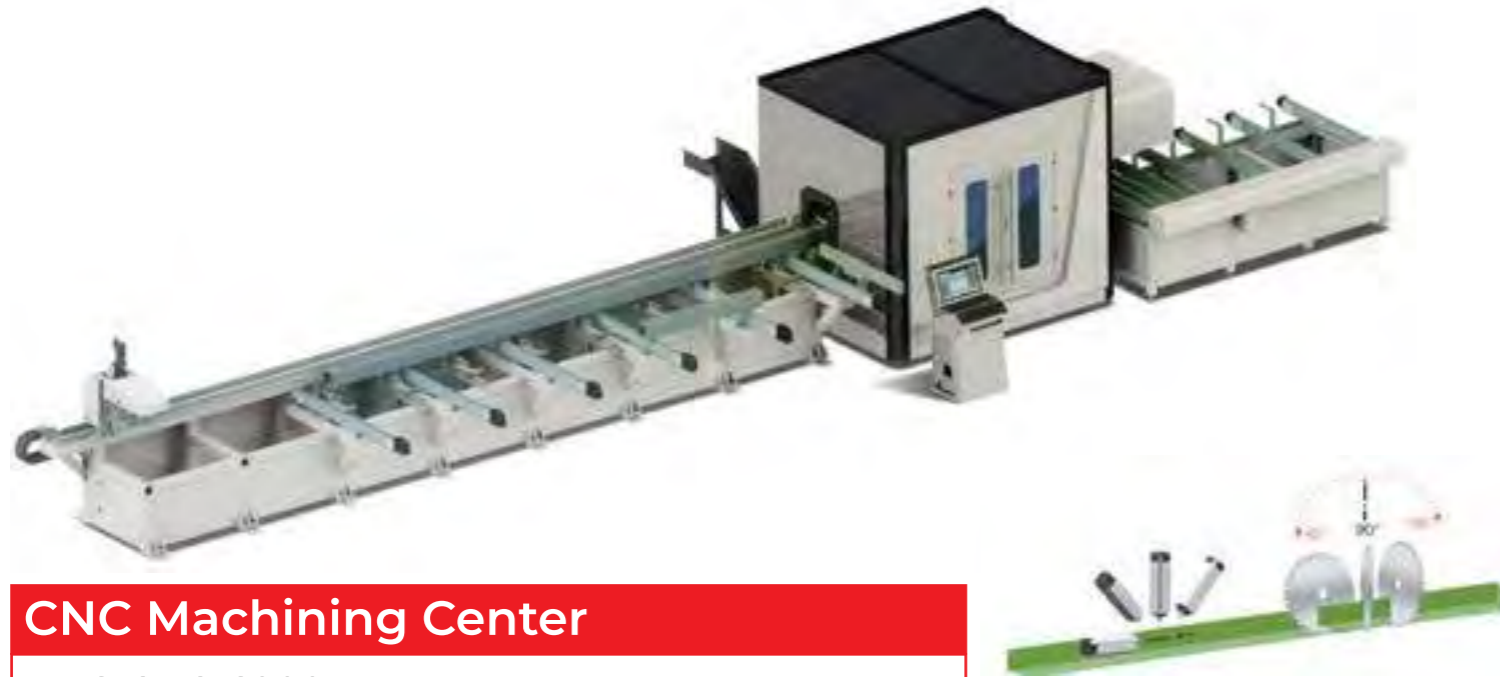


Features

- This machine is mainly used for the aluminum tenon profile cutting and end milling.
- This machine is made by three parts: profile loading part, profile processing part, and profile unloading part.
- One time could load 8pcs profiles (6m/pc). 2 pcs as a group. The feeding device will clamp 2 pcs profile and put to the cutting part to cut and mill.
- This machine will cut the profile automatically according to the setting data. After cutting, it will mill the end surface.
- One time milling could finish two ends.
- It could also cut the reinforcement profile automatically.

Parameter

| | |
|------------------------|---------------------|
| Voltage | 380V/50HZ |
| Power | 20.5KW |
| Air resource pressure | 0.6-0.8Mpa |
| Blade specification | 2xΦ350mm Φ500mm |
| Cutting profile length | 350-6000mm |
| Cutting profile width | Max. 105mm |
| Cutting profile height | Max. 125mm |
| Feeding speed | 30 - 60m/min |
| Feeding return speed | 80 - 120m/min |
| Milling depth | 80mm |
| Unload speed | 1 - 3 m/min |
| Overall dimension | 14600 x 5000x2800mm |



CNC Machining Center

LJX2-CNC-6000

Features

- This machine is suitable for uPVC & aluminum window and door profile cutting, drilling, and milling with high efficiency.
- Feeding table clamp profile automatically. And Feed profile continuously and accurately.
- Moving parts use a high-precision linear guide rail. So that it will keep the machine running smoothly & ensure accuracy.
- It could cut 45/135 and 90 degrees.
- The drilling milling part could make slots, grooves, and holes in four sides.
- We use the imported control system with software programming. to ensure the machine running stable and reliable.
- Innovative saw blade travel path effectively avoids sweeping profile while the blade returns.
- It uses a fully protective shell to ensure the safety of the operator.
- It also automatically optimize profile cutting.
- The movement of the manipulator is driven by a servo motor. It uses the imported high precision gear rack transmission. This could also ensure feeding precision.
- Use an imported motor connecting the saw blade directly. Therefore this could make the cutting smooth and steady with high processing accuracy.

Parameter

| | |
|------------------------------------------|-----------------------|
| Voltage | 380V/50HZ |
| Power | 50 KW |
| Air resource pressure | 0.6-0.8Mpa |
| Drilling Milling Spindle Power | 4.5KW x 6 |
| Rotary speed of drilling milling spindle | 18000r/min |
| Cutting spindle power | 3.0Kw x 3 |
| Rotary speed of cutting spindle | 18000r/min |
| Feeding X1/Y1/Z1 axis | 8800mm/105mm/120mm |
| Drilling Milling X2/Y2/Z2 axis | 300mm/320mm/320mm |
| Cutting Z3 axis | 650mm |
| Output X3 axis | 1000mm |
| Feeding speed X1 axis | 120mm/min |
| Output speed X3 axis | 90m/min |
| Overall dimension | 16000 x 6000 x 2500mm |



CNC Punching and Milling Line

LCX-CNC-3600

Features

- It is suitable for aluminum window and door profiles, and other aluminum profile punching and milling with high efficiency.
- The Production Line has two parts: a punching system, and a milling system.

Milling system:

- Adopts Italy HSD high-speed spindle to keep the rotary more steady with lower noise and high efficiency.
- Moving parts use a high-precision linear guide rail, ball screw, imported servo motor with rack and pinion. So that it will keep the Aluminum Profile Punching and Milling Production Line running smoothly & ensure accuracy.
- 20 milling cutters in the tool kit.
- Change milling cutters automatically. and could finish a variety of holes at one time.

Punching system:

- High-speed approaching, uniform processing, and high speed returning.
- Fully CNC control makes processing more accurate.
- Robots upload and unload aluminum profiles to save labor.
- Fully servo motor to control the moving unit.

Parameter

| | |
|-----------------------------|----------------------|
| Voltage | 380V/50HZ |
| Milling System | |
| Power | 9 KW |
| Air resource pressure | 0.6-0.8Mpa |
| X/Y/Z axis processing range | 3900/600/550mm |
| Milling range | 3600 x 200 x 150 mm |
| Dimension | 7400 x2650 x 3200 mm |
| Punching system | |
| Working table size | 200 x 150 x 360 mm |
| Min. profile width | 50mm |
| X/Y axis range | 3600/100mm |
| Hydraulic motor power | 5.5Kw |
| Robot | |
| Power | 15Kw |
| X-axis travel | 4800mm |
| Max. loading | 60Kg |



4 Axis Processing Center

GLHV4-CNC-6800

Features

- This machine use moving beam, moving column gantry frame structure. It works more smoothly and stable and improves the machine processing rigidity.
- Suitable for complex parts processing which use all kinds of aluminum, copper, upvc, industrial profile.
- It could finish multi-procedure processing such as milling, drilling and tapping with one-time clamping.
- This machine adopts imported well-known brand, easy to operate high-end cnc control system Germany Siemens or Italy Osai.
- This machine adopts imported servo motor, ball screw, linear guide rail and bearing. These could ensure the machine processing more accuracy, more stable, and more reliable.
- This machine uses high precision linear guide rail, ball screw, rack and pinion, and imported servo motor. These could ensure the movement smoothly and stable and keep the positioning and processing more accuracy.
- The feeding movement is pre-stretched to ensure the stability of the machining accuracy.
- We use the imported 5 axis milling head to finish all surfaces processing beside the bottom at any angle.
- Automatic milling cutter changing with row-knife-type. Optional: vertical disco tool magazine.
- Automatic lubrication system could lubricate the machine with fixed quantity at regularly time. This will ensure the stability of the machine accuracy.
- This machine uses pneumatic clamping table to improve the loading speed. Optional: T-type table.
- This machine adopts imported Renishaw interferometer detection to compensate the machine accuracy.

Parameter

| | |
|-----------------------|--------------------|
| Voltage | 380V/50HZ |
| Main spindle power | 12KW |
| Air resource pressure | 0.6-0.8Mpa |
| Travel X-axis | 7000mm(customized) |
| Travel Y-axis | 1400mm |
| Travel Z-axis | 550mm |
| Speed X-axis | 0-60m/min |
| Speed Y-axis | 0-30m/min |
| Speed Z-axis | 0-20m/min |
| Y/Z positioning error | ±0.02mm |



Heavy Duty 4 Axis Processing Center

Z4-4500

Features

- This machine could drilling, milling, tapping and Chamfer, suitable for steel, copper, aluminum profile.
- This machine equip automatic scrap collection system.
- Adopt BT40 main spindle tapered hole to increase the machine rigidity.
- Circular Tool Magazine.
- This machine adopts imported servo motor, ball screw, linear guide rail and bearing. These could ensure the machine processing more accuracy, more stable, and more reliable.
- This machine uses high precision linear guide rail, ball screw, rack and pinion, and imported servo motor. These could ensure the movement smoothly and stable and keep the positioning and processing more accuracy.
- Customized different models according to your requirements.

Parameter

| | |
|----------------------------|---------------------------------|
| Voltage | 380V/50HZ |
| Spindle rotary | 12000r/min |
| X-axis speed | 60m/min |
| Y-axis speed | 28m/min |
| Z-axis speed | 28m/min |
| Drilling feed speed | 15m/min |
| X axis positioning error | 0.05mm |
| Y Z axis positioning error | 0.02mm |
| Repeat positioning error | ±0.01mm |
| Overall dimension | (6400~15500)mm x 3000mm x3300mm |



4 Axis Machining Center

GLK4-CNC-7000

Features

- Adopt Germany PA 4 axis cnc control system. Friendly interface and easy to operate.
- Professional cnc machining software to achieve 3 dimensional 4 axis processing and what you see from the software is what you get in the real profile.
- Suitable for aluminum profile, alu-wooden profile, copper and thick steel profiles.
- One clamping could finish drilling, milling, tapping(optional), and chamfering from three sides.
- Adopt imported high precision ball screw, guide rail, rack and pinion to ensure machine stability.
- Adopt high quality imported servo motor, automatic tool changing main shaft to ensure processing precision.
- Equipped with 14 tools magazine. Adjustable pneumatic clamping device to ensure high efficiency processing.
- Adopt multiple safety protection structure to ensure the machine running safely.

Parameter

| | |
|-----------------------|---------------------|
| Voltage | 380V/50HZ |
| Air resource pressure | 0.6-0.8Mpa |
| Travel X-axis | 7000mm(customized) |
| Travel Y-axis | 450mm |
| Travel Z-axis | 330mm |
| Speed X-axis | 0-60m/min |
| Speed Y-axis | 0-30m/min |
| Speed Z-axis | 0-30m/min |
| Main Spindle Rotary | 0-10000r/min |
| Main Spindle Power | 6.9Kw |
| Input Power | 15Kw |
| Blade Diameter | φ80-150mm |
| Dimension L X W | (6500~13500)x3000mm |



3 Axis Machining Center

GLK3-CNC-7000

Features

- This machine could finish multi-procedure processing such as milling, drilling, tapping and chamfer with one-time clamping.
- Suitable for all kinds of aluminum, copper, upvc, industrial profile and steel.
- Adopt high precision linear guide rail and ball screw which make the machine running fast and smoothly.
- Adopt pillar structure to ensure the positioning with high precision.
- We use Siemens control system to ensure the machine running stable and reliable.
- This machine could achieve mechanical non-stop multi-section processing for short profile.
- The machine could be customized according your requirement.

Parameter

| | |
|-----------------------|---------------------|
| Voltage | 380V/50HZ |
| Air resource pressure | 0.6-0.8Mpa |
| Travel X-axis | 7000mm (customized) |
| Travel Y-axis | 450mm |
| Travel Z-axis | 400mm |
| Speed X-axis | 0-60m/min |
| Speed Y-axis | 0-30m/min |
| Speed Z-axis | 0-30m/min |
| Cutting angle | ±45° 90° |



Duplex Station Processing Center

LGSZ(2)-CNC-6800

Features

- Suitable for aluminum profile different kinds of grooves, holes processing.
- High precision linear guide rail, ball screw, gear rack transmission, imported servo motor. These could ensure moving smoothly with high positioning and processing accuracy.
- Imported high-speed motor spindle, rotary stable, low noise and strong cutting ability.
- This machine equips 5 knives. And could change automatically.
- The working table could rotary among 90° -90° 0°.
- Finishing 3 sides processing with one time clamping.
- Double zone duplex processing station. and could increase the stations according clients requirement.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 11KW |
| Air resource pressure | 0.5-0.8Mpa |
| X-axis travel | 6500mm |
| X-axis speed | 0-60m/min |
| Y-axis travel | 400mm |
| Y-axis speed | 0-15m/min |
| Z-axis travel | 400mm |
| Z-axis speed | 0-15m/min |
| Main spindle rotary | 18000-24000r/min |
| Main spindle power | 9KW |
| Working table position | -90° 0° 90° |
| Processing range | 380x380x3200mm |
| Overall dimension | 4400mm x 1500mm x1800mm |



Curtain Wall Processing Center

LGSZ4-CNC-4000

Features

- Suitable for aluminum profile different kinds of grooves, holes processing.
- Imported high-speed motor spindle, rotary stable, low noise and strong cutting ability.
- This machine equips 5 knives. And could change automatically.
- The movement of the manipulator is driven by Siemens servo motor. It uses the imported high precision gear rack transmission. This could ensure the feeding precision.
- This machine is used the imported motor connecting the saw blade directly. This could make the cutting smoothly and steady with high processing accuracy.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 11KW |
| Air resource pressure | 0.5-0.8Mpa |
| X-axis travel | 3200mm |
| X-axis speed | 0-60m/min |
| Y-axis travel | 400mm |
| Y-axis speed | 0-15m/min |
| Z-axis travel | 400mm |
| Z-axis speed | 0-15m/min |
| Main spindle rotary | 18000-24000r/min |
| Main spindle power | 9KW |
| Working table position | -90° 0° 90° |
| Processing range | 380x380x3200mm |
| Overall dimension | 4400mm x 1500mm x1800mm |



CNC Milling Machine

LSG-CNC-300

Features

- Suitable for aluminum profile different groove, holes processing.
- This machine uses high precision linear guide rail, ball screw, rack and pinion, and imported servo motor. These could ensure the movement smoothly and stable and keep the positioning and processing more accuracy.
- Imported high-speed motor spindle, rotary stable, low noise and strong cutting ability.
- The rotary table could easily change among 90°, 0°, and -90°. This could achieve one clamping to complete 3 surface milling.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 6.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| X-axis travel | 1400mm |
| Y-axis travel | 400mm |
| Z-axis travel | 400mm |
| X-axis speed | 0-60m/min |
| Y-axis speed | 0-15m/min |
| Z-axis speed | 0-15m/min |
| Main spindle rotary | 18000-24000r/min |
| Main spindle power | 4KW |
| Working table position | -90°0° 90° |
| Processing range | 380x380x1400mm |
| Overall dimension | 2700mm x 2000mm x1800mm |



Heavy Duty CNC Double Head Saw

LNSZ-CNC-6000

Features

- Suitable for wider aluminum profile and curtain wall profile cutting. Duplex station processing.
- Vertical direction pneumatic drive swing angles between 45 and 90 degree.
- Horizontal direction pneumatic drive rotation angles between 45 and 90 degree.
- Horizontal direction manually setting angle, pneumatic drive rotation. angles could be any angle range between 45 degree and -90 degree.
- Two heads could work together or separately.
- Manully setting length has the locking system fine-tuning device.
- Adopt imported CNC control system. Transmission parts adopt Taiwan Hiwin square guide rail with high precision and none noise.
- Repeat positioning error with $\pm 0.2\text{mm}$.
- Cutting surface flatness $\leq 0.1\text{mm}$
- Cutting angle error $\pm 5'$
- Cutting surface roughness $Ra12.5\mu$

Parameter

| | |
|------------------------|---------------------|
| Voltage | 380V/50HZ |
| Input power | 3x2.2KW |
| Air resource pressure | 0.6-0.8Mpa |
| Blade specification | $\Phi 500\text{mm}$ |
| Cutting profile length | 550-4500mm |
| Cutting profile width | Max. 350mm |
| Cutting profile height | Max. 135mm |
| Cutting angle | 45° 90° |
| Motor rotary | 2800r/min |



CNC Double Head Saw

LMG-CNC-600

Features

- Suitable for aluminum, UPVC profile cutting with high efficiency.
- It could cut 45 and 90 degree.
- Servo motor control head moving with high accuracy.
- The right head could automatically move to any position.
- This machine could cut corner connector and small length profile.
- Adopts Japan cnc system, including PLC, servo motor, servo drive, touch screen, Photoelectric switch, power switch. easy to operate, working smoothly and reliable.
- Blade feeding system use linear guide rail. high precision and high stability.
- The protective cover could automatic open and close along with the saw blade.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 6KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | Φ600mm |
| Cutting profile length | 490-5300mm |
| Cutting profile width | Max. 190mm |
| Cutting profile height | Max. 300mm |
| Cutting angle | 45° 90° |
| Overall dimension | 7000mm x 1900mm x1850mm |



CNC Double Head Curve Saw

LMCE-CNC-500

Features

- This machine is used for the aluminum, UPVC profile cutting.
- The saw head could change automatically between 45° and 90°.
- The cutting size is controlled by the high precision servo motor. The guide rail uses Taiwan HIWIN which could guarantee the convey accuracy and positioning accuracy.
- The right head could move to the set position automatically.
- The right head could feed the profile automatically. So it could cut the corner connector and ultrashort profile.
- The machine adopts completely Japanese control system. Including PLC, servo motor, servo driver, touch screen, photoelectric switch. Easy to operate and work stable, reliable.
- The control system adopts the new closed-loop system, and can ensure the accuracy of repeat length.
- This machine can automatically feed the profiles. Can input the cutting data one time. Automatic continuously different cutting size are available.
- Saw blade feeding system adopts circular arc motion with high accuracy and stability.
- The protective cover could automatic open and close along with the saw blade feeding.
- The machine has label printing function (option).

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 5.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Blade specification | Φ500xΦ30x4.4x120T |
| Cutting profile length | 360-4200mm |
| Cutting profile width | Max. 160mm |
| Cutting profile height | Max. 350mm |
| Cutting angle | ±45° 90° |
| Overall dimension | 7000mm x 1300mm x1850mm |



CNC Double Head Saw

LJZ2-CNC-4600

Features

- This machine is used for the aluminum & upvc profile cutting.
- The saw head could change automatically between 45° and 90°.
- Linear guide rail. Right head automatically moving and positioning with high accuracy.
- Adopts Germany soft drive magnetic tape positioning. Positioning very fast with high accuracy. and the error $\leq \pm 0.2\text{mm}$
- Verticality error $\pm 0.1\text{mm}$ and angle error $\pm 0.01\text{mm}$.
- This machine has the small length cutting.(corner connector cutting function.
- The protective cover could automatic open and close along with the saw blade feeding.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 5.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | $\Phi 500\text{mm}$ |
| Cutting profile length | 360-4600mm |
| Cutting profile width | Max. 150mm |
| Cutting profile height | Max. 200mm |
| Cutting angle | 45° 90° |
| Overall dimension | 5300mm x 1100mm x 1700mm |



CNC Double Head Saw

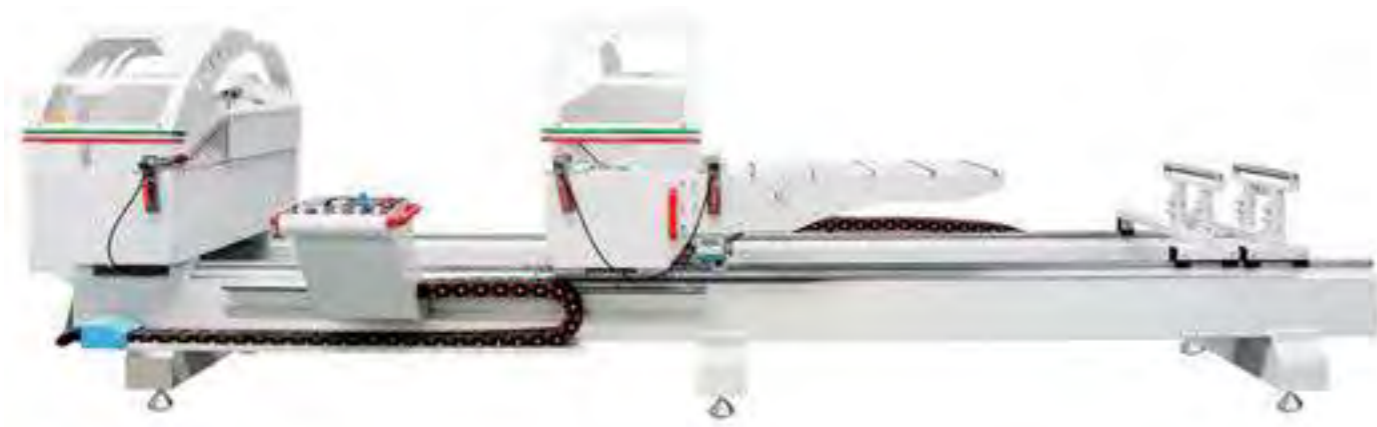
LJZ2-CNC-405X4200

Features

- This machine is used for the aluminum & upvc profile cutting.
- The saw head could change automatically between 45° and 90°.
- Adopts PLC system. Full-ring control. High cutting accuracy. Easily change the cutting size.
- High accuracy spindle motor connect the blade directly. Running smoothly and reliable.
- High accuracy linear bearing guide rail could keep machine running accuracy in long term.
- Protection cover automatically moving from horizontal direction (left-right or right-left).
- Repeat positioning length error $\leq 0.2\text{mm}$.
- Cutting angle error $\pm 5'$.
- Cutting surface roughness $Ra 2.5\mu$.
- Cutting surface flatness $\leq 0.1\text{mm}$.
- Has corner connector cutting function.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 4KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | $\Phi 405\text{mm}$ |
| Cutting profile length | 240-4300mm |
| Cutting profile width | Max. 100mm |
| Cutting profile height | Max. 200mm |
| Cutting angle | 45° 90° |
| Overall dimension | 5300mm x 1300mm x 1650mm |



45 Degree Double Head Saw

LMG45D-550

Features

- Suitable for aluminum window and door profile, and curtain wall profile cutting.
- Cutting standard 45 degree only.
- Two head could work together or separately.
- Gas liquid damping cylinder to ensure feeding velocity uniformly and running smoothly.
- Adopt imported linear guide rail which has high precision and good stability.
- Cutting surface flatness $\leq 0.1\text{mm}$.
- Cutting error $\pm 5'$
- Cutting surface roughness $Ra1\ 2.5\mu$
- Automatic protective cover.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.95KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Cutting profile length | 360-4200mm |
| Cutting profile width | 210mm |
| Cutting profile height | 165mm |
| Blade diameter | $\phi 550\text{mm}$ |
| Cutting angle | 45° only |
| Overall dimension | 5500mm x 1750mm x 1950mm |



Program Control Double Head Precision Saw

LJZ2CK5-600X5000

Features

- This machine is used for the aluminum & upvc profile cutting.
- The saw head could change automatically between 45°, 67.5° and 90°.
- Two head could work together or separately.
- Gas-liquid damping cylinder keep feeding uniform and working stable.
- Saw blade feeding system adopts imported linear guide rail with high accuracy and stability.
- The right head could remote control.
- The protective cover could automatic open and close along with the saw blade feeding.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 5.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | $\Phi 600\text{mm}$ |
| Cutting profile length | 450-5000mm |
| Cutting profile width | Max. 190mm |
| Cutting profile height | Max. 370mm |
| Cutting angle | 45° 67.5° 90° |
| Overall dimension | 7000mm x 1100mm x 1700mm |



Digital Display Double Head Precision Saw

LJZ2-CNS-500X4200

Features

- This machine is used for the aluminum & upvc profile cutting.
- The saw head could change automatically between 45°, 67.5° and 90°.
- Two head could work together or separately.
- Gas-liquid damping cylinder keep feeding uniform and working stable.
- Digital display, easy to operation. improve the efficiency and accuracy.
- The protective cover could automatic open and close along with the saw blade feeding.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.95KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | Φ500mm |
| Cutting profile length | 360-4200mm |
| Cutting profile width | Max. 135mm |
| Cutting profile height | Max. 200mm |
| Cutting angle | 45° 67.5° 90° |
| Overall dimension | 5500mm x 1750mm x1950mm |



Heavy Duty Double Head Precision Saw

LJG-500X4200

Features

- Suitable for aluminum profile and curtain wall profile cutting with high efficiency.
- It could cut 45 and 90 degree.
- Two heads could work together or seperately.
- Structure use inside swing with lifting moving.
- Structure design make the angle change easily.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.95KW |
| Air resource pressure | 0.5-0.8Mpa |
| Blade specification | Φ500mm |
| Cutting profile length | 480-4200mm |
| Cutting profile width | 230mm |
| Cutting profile height | 110mm |
| Cutting angle | 45° 90° |
| Air consumption | 200L/min |
| Overall dimension | 5500mm x 1750mm x1950mm |



Double Head Saw

LJZ2-450X4200A

Features

- This machine is used for the aluminum & upvc profile cutting.
- The saw head could change automatically between 45° and 90°.
- High accuracy spindle directly connect the blade. running smoothly and reliable.
- High accuracy linear bearing guide rail could keep machine running accuracy in long term.
- Cutting angle error $\pm 5'$.
- Cutting surface flatness $\leq 0.1\text{mm}$.
- Has corner connector cutting function.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.55KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 200L/min |
| Rotary speed | 2800r/min |
| Blade specification | $\Phi 450\text{mm}$ |
| Cutting profile length | 480-4200mm |
| Cutting profile width | Max. 120mm |
| Cutting profile height | Max. 200mm |
| Cutting angle | 45° 90° |
| Overall dimension | 5700mm x 1700mm x1450mm |



Double Head Saw

LJZ2-450x3700

Features

- Suitable for aluminum profile and upvc profile cutting with high efficiency.
- It could cut ± 45 and 90 degree.
- Right head moving through motor control. and fine-tuning manually.
- Gas liquid damping cylinder make the feeding velocity uniformly. Running smoothly.

Parameter

| | |
|------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.3KW |
| Air resource pressure | 0.5-0.8Mpa |
| Blade specification | $\Phi 450\text{mm}$ |
| Cutting profile length | 360-3700mm |
| Cutting profile width | Max. 120mm |
| Cutting profile height | Max. 150mm |
| Air Consumption | 200L/min |
| Cutting angle | $\pm 45^\circ$ 90° |
| Overall dimension | 4700mm x 1300mm x1450mm |



Single Head Saw

LSJ-450A

Features

- Suitable for aluminum profile, upvc profile cutting with high efficiency.
- It could cut ± 45 and 90 degree.
- Gas liquid damping cylinder to ensure feeding speed uniformly and smoothly.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 1.75KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Blade specification | $\Phi 450$ mm |
| Cutting profile width | Max. 120mm |
| Cutting profile height | Max. 180mm |
| Overall dimension | 1700mm x 1200mm x 1600mm |



Heavy Duty Single Head Saw

LSGA-500

Features

- Suitable for aluminum profile, curtain wall profile cutting with high efficiency.
- Gas liquid damping cylinder to ensure feed speed uniformly and smoothly.
- Saw blade feeding system adopt imported linear guide rail with high precision and good stability.
- Automatic protective cover.

Parameter

| | |
|------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.25KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Blade specification | $\Phi 500$ mm |
| Cutting profile width | Max. 300mm |
| Cutting profile height | Max. 180mm |
| Overall dimension | 1700mm x 1200mm x 1600mm |



CNC Corner Connector Cutting Saw Super

LSG-CNC-1300

Features

- Suitable for aluminum window and door corner connector cutting.
- CNC control with ball screw. Stable and high efficiency. Suitable for bulk production.
- Automatic counting system. Easy to set the cutting quantity.
- Could cut 1-8 pcs profiles at one time.
- Round trip feeding. could achieve long profile cutting.
- Adopt imported saw blade with high precision and high durability.

Parameter

| | |
|-------------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 120L/min |
| Motor rotary | 2840r/min |
| Saw blade feeding speed | 0-3m/min |
| Auto feeding length | 3-400mm |
| Max. cutting height | 160mm |
| Blade diameter | 500mm |
| Overall dimension | 5600mm x 1400mm x 1300mm |



CNC Corner Connector Cutting Saw

LJM-CNC-500

Features

- Suitable for aluminum, upvc profile small length 90°cutting.
- CNC control. stable with efficiency. suitable for bulk production.
- Automatic counting system, easy to set the cutting quantity.
- Imported saw blade, high precision and high durability.
- Use ball screw drive control, safe and stable.

Parameter

| | |
|-----------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 2.75KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 120L/min |
| Motor rotary speed | 2840r/min |
| Blade feeding speed | 0-3m/min |
| Profile auto feeding length | 3-400mm |
| Cutting height | 120mm |
| Blade specification | Φ500mm |
| Overall dimension | 5600mm x 1400mm x1300mm |



Auto Corner Connector Cutting Saw

LJM-450

Features

- Suitable for aluminum, upvc profile small length 90°cutting.
- PLC control. stable with efficiency. suitable for bulk production.
- Automatic counting system, easy to set the cutting quantity.
- Imported saw blade, high precision and high durability.

Parameter

| | |
|-----------------------------|------------------------|
| Voltage | 380V/50HZ |
| Input power | 2.75KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 120L/min |
| Motor rotary speed | 2800r/min |
| Blade feeding speed | 0-3m/min |
| Profile auto feeding length | 3-400mm |
| Cutting height | 180mm |
| Blade specification | Φ450mm |
| Overall dimension | 5200mm x 950mm x1300mm |



CNC Arch Bending Machine

LW-60CNC

Features

- Suitable for aluminum profile, copper profile, steel profile and other metal profile bending.
- Adopt special device to keep profile not deformed, and the surface without scratch.
- PLC control. Easy to operate and arch with high accuracy.

Parameter

| | |
|-----------------------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3 KW |
| Min. Bending diameter | 500mm |
| Moving Roller Mould Max. diameter | 180mm |
| Fix roller Min. center distance | 350mm |
| Profile Max. width | 200mm |
| Hydraulic pressure | 20T |
| Overall dimension | 1900mm x 1400mm x1300mm |



CNC Tenon Milling Machine

C6Z-CNC-350

Features

- Suitable for aluminum tenon profile 45°&90° cutting.
- One time process several profiles.
- Blade could be adjusted up-down, left-right.
- No need customized blade for different profiles.
- Feeding system use servo motor.
- Processing with high speed and high accuracy.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3X2KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Motor rotary speed | 3000r/min |
| Blade diameter | Φ350mm Φ400mm |
| Cutting Max. WxH | 80x350mm |
| Working table stroke | 0-1600mm |
| Table width | 700mm |
| Servo motor power | 0.75Kw x 3 + 1.1 Kw x 3 |
| Overall dimension | 4000 x 2200 x 2400mm |



Automatic End Milling Machine

LGZD-250W

Features

- Suitable for aluminum profile, upvc profile, curtain wall profile.
- Clamp one-time can process several profiles, which increased the processing efficiency.
- The blade could be adjusted from up and down, front and back. This could meet different requirements for different profile.
- No need customized tools when process various profiles, thus can decrease cost and save time.
- This machine suitable for long profile with bulk processing.
- Five blades could make any group to process any size with one time moving.
- This machine has good performance. It is very easy to operate and maintenance.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 10KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Motor rotary speed | 2800r/min |
| Work table travel | 0-1050mm |
| Motor adjusted travel | 0-85mm |
| Blade specification | φ250mm |
| Max. notch height | 40mm |
| Overall dimension | 2700mm x 1350mm x1750mm |



Automatic End Milling Machine

LXDB-250W

Features

- Suitable for aluminum profile, upvc profile, curtain wall profile.
- Clamp one-time can process several profiles, which increased the processing efficiency.
- Feeding table clamp profile automatically. Feed profile continuously and accurately.
- The blade could be adjusted from up and down, front and back. This could meet different requirements for different profile.
- No need customized tools when process various profiles, thus can decrease cost and save time.
- Use gas-liquid damping cylinder to keep feeding steady.
- Five blades could make any group to process any size with one time moving.
- This machine has good performance. It is very easy to operate and maintenance.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 9.35KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Motor rotary speed | 2800r/min |
| Work table travel | 0-1050mm |
| Motor adjusted travel | 0-85mm |
| Blade specification | φ250mm |
| Max. notch height | 40mm |
| Overall dimension | 2600mm x 1100mm x1850mm |



Automatic End Milling Machine

LXDB-160Z

Features

- Suitable for aluminum profile, upvc profile, curtain wall profile.
- Clamp one-time can process several profiles, which increased the processing efficiency.
- No need customized tools when process various profiles, thus can decrease cost and save time.
- This machine suitable for long profile with bulk processing.
- This machine has good performance. It is very easy to operate and maintenance.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 4.95KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 150L/min |
| Motor rotary speed | 2800r/min |
| Motor adjusted travel | 0-80mm |
| Blade specification | φ200mm |
| Max. notch height | 40mm |
| Overall dimension | 2400mm x 970mm x 1640mm |



End Milling Machine

LXD-200

Features

- Used for processing aluminum, upvc profile end milling.
- Could process several pieces at one time.
- Super precision main shaft ensured accuracy and steady processing.
- Moving parts use high-precision linear guide rail. Keep machine run smoothly&ensure accuracy.
- This machine could process any angle by adjusting the positioning plate on the work table.

Parameter

| | |
|-----------------------|-----------------------------------|
| Voltage | 380V/50HZ |
| Input power | 2.7KW |
| Air resource pressure | 0.5-0.8Mpa |
| Motor rotary speed | 2800r/min |
| Work table travel | 0-320mm |
| Motor adjusted travel | 0-80mm |
| Blade specification | φ115-200 According to the profile |
| Overall dimension | 880mmX830mmX1390mm |



End Milling Machine

LXDB-200

Features

- Used for processing aluminum, upvc profile end milling.
- Could process several pieces at one time.
- Super precision main shaft ensured accuracy and steady processing.
- This machine could process any angle by adjusting the positioning plate on the work table.

Parameter

| | |
|-----------------------|-----------------------------------|
| Voltage | 380V/50HZ |
| Input power | 2.7KW |
| Air resource pressure | 0.5-0.8Mpa |
| Motor rotary speed | 2800r/min |
| Work table travel | 0-320mm |
| Motor adjusted travel | 0-80mm |
| Blade specification | φ115-200 According to the profile |
| Overall dimension | 880mmX830mmX1390mm |



Hydraulic Punching Machine

LY6-50

Features

- Suitable for aluminum profile punching.
- This punching machine can equip with 6 punching die at one time.
- This punching machine can achieve various punching process, by-changing processing position. various types profiles can be processed.
- Each die be used at any time by the worktable rotating, which greatly increased the production efficiency

Parameter

| | |
|-------------------------|--------------------|
| Voltage | 380V/50HZ |
| Input power | 2.2KW |
| Rated oil pump pressure | 16Mpa |
| Punching travel times | 30 Times/min |
| Oil tank capacity | 20L |
| Pressure | 50KN |
| Overall dimension | 900mmx900mmx1400mm |



Pneumatic Punching Machine

LY-16

Features

- Suitable for aluminum profile and upvc profile punching.
- Equipped with 5 stations punching tools which frequently used.
- Feet panel control and easy to operate.

Parameter

| | |
|--------------------------|-----------------------|
| Air resource pressure | 0.5-0.8Mpa |
| Pressure | 16KN |
| Punching travel | 30mm |
| Overall dimension of die | 340mm x 240mm x 500mm |
| Overall dimension | 600mm x 480mm x1320mm |



Multi Head Drilling Machine

LZZ6A-13

Features

- Suitable for aluminum profile drilling. and also could use on upvc or other lightweight materials drilling.
- The drilling head could work together or work separately.
- Each head could equip multi bits.
- Work with high efficiency. moving fast and steady.
- The heads moving (up and down, front and back) adopt linear guide rail.
- Use hydraulic damping cylinder to adjust the drilling speed. Feeding steady.

Parameter

| | |
|------------------------------------------|----------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air Consumption | 260L/min |
| Spindle rotary speed | 1430r/min |
| Max. diameter of mill- ing | 13mm |
| Min. distance between two holes | 300mm |
| Max distance of bit front-back moving | 90mm |
| Bit travel | 125mm |
| Overall dimension | 5500mm x 1100mm x1850mm |



CNC Corner Crimping Production Line

L2ZJ-CNC-100X2400X3600

Features

- Suitable for aluminum window door frame and sash crimping.
- This production line is made of three parts. Profile loading part, crimping part, and unloading part.
- Inovative servo control technology and hydraulic synchronous control technology ensure high precision & high quality of the window door assemble.
- Easy to operate and maintain.
- Control system, linear guide rail, ball screw, electronic components and hydraulic components. all use well-known brands of demestic and abroad.
- This production line could establish high effecient digital factory or workshop together with our cutting center, cutting milling center and machining center.

Parameter

| | |
|-----------------------|------------------|
| Voltage | 380V/50HZ |
| Total power | 11Kw |
| Working pressure | 16Mpa |
| Air resource pressure | 0.5-0.8Mpa |
| Max. Height | 100mm |
| Max. Frame | 2400x3600mm |
| Min. Frame | 700x480mm |
| Overall dimension | 9000x5000x2000mm |



CNC Four Head Corner Crimping Machine

LM4S-100X1800X3000

Features

- Suitable for aluminum window and door assemble.
- One time crimping could finish 4 corners.
- Clamping device could move front – back automatically. Easy to operate.
- Crimping blade could be adjusted front-back, left-right. Suitable for different profiles.
- Adopt ball screw to control the head moving. Repeat positioning with high accuracy.
- Innovative saw blade travel path effectively avoids sweeping profile while the blade return.
- Imported CNC control system. Easy to operate. Running smoothly and stable.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 7.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Oil pressure | 15Mpa |
| Oil tank capacity | 40L |
| Max. profile width | 100mm |
| Max. frame size | 1800x3200mm |
| Min. frame size | 560x560mm |
| Overall dimension | 4700mm x 2000mm x2600mm |



Double Head Corner Crimping Machine

LMB2-120X3000

Features

- Suitable for aluminum window and door assemble.
- One time crimping could finish 2 corners.
- Clamping device could move front – back automatically. Easy to operate.
- Crimping blade could be adjusted front-back, left-right. Suitable for different profiles.
- Adopt high precision linear guide rail to ensure the accuracy.
- Easy to operate. Performance reliable. Use advanced technology and easy to maintenance.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.55KW |
| Air resource pressure | 0.5-0.8Mpa |
| Oil pressure | 15Mpa |
| Oil tank capacity | 20L |
| Max. profile width | 120mm |
| Max. frame size | 3000x3000mm |
| Min. frame size | 500x500mm |
| Overall dimension | 4200mm x 1200mm x1400mm |



Single Head Corner Crimping Machine

LMB-160D

Features

- This machine is Suitable for aluminum frame which use the corner connector.
- For 90 degree connection.
- Before crimping, put the corner connector into the profile chamber. After the positioning clamping, the crimping blade will punch the profile and make it cold deformation permanently.
- The inside positioning system is smarter. It could lift up and down, and also horizontal move. The automation higher and very suitable for bigger window door making.
- It uses dislocation crimping blade holder. And could process different profile without change blade.
- Adopt new crimping blade changing system. Easy to change and save more time.
- The distance between crimping blade and profile could be adjusted arbitrarily. This will keep the crimping more accuracy.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Punching pressure | 15Mpa |
| Oil tank | 40L |
| Profile Max. height | 150mm |
| Overall dimension | 1200mm x 1100mm x1300mm |



Single Head Corner Crimping Machine

LMB-140Z

Features

- This machine is Suitable for aluminum frame which use the corner connector.
- For 90 degree connection.
- Before crimping, put the corner connector into the profile chamber. After the positioning clamping, the crimping blade will punch the profile and make it cold deformation permanently.
- The inside positioning system is smarter. It could lift up and down, and also horizontal move. The automation higher and very suitable for bigger window door making.
- Hydraulic station with big power. could process bigger and more thickness profile.
- The distance between crimping blade and profile could be adjusted arbitrarily. This will keep the crimping more accuracy.

Parameter

| | |
|-----------------------|-------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Punching pressure | 15Mpa |
| Oil tank | 40L |
| Profile Max. height | 130mm |
| Overall dimension | 1100mm x 1100mm x1300mm |



Single Head Corner Crimping Machine

LMB-120B

Features

- This machine is Suitable for aluminum frame which use the corner connector.
- For 90 degree connection.
- The inside positioning system is smarter. It could lift up and down, and also horizontal move. The automation higher and very suitable for bigger window door making.
- Right and left blade synchronous feeding. It will avoid the useless deformation and make the connection more solid.
- Seam error $\leq 0.15\text{mm}$.

Parameter

| | |
|-----------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 2.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Punching pressure | 15Mpa |
| Oil tank | 40L |
| Profile Max. height | 120mm |
| Overall dimension | 1200mm x 1100mm x 1300mm |



Single Head Corner Crimping Machine

LMB-120

Features

- This machine is Suitable for aluminum frame which use the corner connector.
- For 90 degree connection.
- Before crimping, put the corner connector into the profile chamber. After the positioning clamping, the crimping blade will punch the profile and make it cold deformation permanently.
- Right and left blade synchronous feeding. It will avoid the useless deformation and make the connection more solid.
- Easy to operate and maintainance.

Parameter

| | |
|-----------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 1.75KW |
| Air resource pressure | 0.5-0.8Mpa |
| Punching pressure | 15Mpa |
| Oil tank | 40L |
| Profile Max. height | 120mm |
| Overall dimension | 1200mm x 1100mm x 1300mm |



High Speed Copy Router

LXFA-370x125

Features

- Used for processing of holes and slots of aluminum profile, curtain wall profile, upvc profile.
- Profile clamping and motor start adopt pneumatic control. safe and reliable.
- By changing the copy template to make different kinds of holes.
- Use frequency conversion spindle with wide range usage.
- Could continuously processing with high precision and easy to operate.

Parameter

| | |
|-----------------------|--------------------------|
| Voltage | 380V/50HZ |
| Input power | 3.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 10L/min |
| Spindle rotary | 0-18000r/min |
| Copy range | 370x125mm |
| Bits diameter | 5mm 8mm |
| Profile dimension WxH | 230x135mm |
| Overall dimension | 2180mm x 1000mm x 1700mm |



Single Axis Copy Router

LXFB-300X100

Features

- Used for processing of holes and slots of aluminum profile, upvc profile.
- This machine has feeding locking device.
- High speed main spindle. working smoothly and steady. belt easy to change.
- By changing the copy template to make different kinds of holes.
- The clamping cylinder use foot panel control.
- Structure compact with small volume.
- This machine work steady and easy to operate.

Parameter

| | |
|----------------------------|-----------------------------------|
| Voltage | 380V/50HZ |
| Input power | 1.5KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 30L/min |
| Diameter of milling cutter | $\phi 5\text{mm}-\phi 8\text{mm}$ |
| Rotary speed | 12000r/min |
| Copying dimension | 300X100mm |
| Overall dimension | 880mmX680mmX1460mm |



Single Axis Copy Router

LXF-300X100

Features

- Used for processing of holes and slots of aluminum profile, upvc profile.
- Through the belt speed up, make the drilling faster and finished products better.
- By changing the copy template to make different kinds of holes.
- This machine work steady and easy to operate.

Parameter

| | |
|----------------------------|--------------------|
| Voltage | 380V/50HZ |
| Input power | 1.1KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 30L/min |
| Diameter of milling cutter | φ5mm-φ8mm |
| Rotary speed | 10000r/min |
| Copying dimension | 300X100mm |
| Overall dimension | 880mmX680mmX1460mm |



Double Axis Copy Router

LXF2-300X100

Features

- Used for processing of holes and slots of aluminum profile, upvc profile.
- This machine has two head. could drilling from two side.
- Through the belt speed up, make the drilling faster and finished products better.
- By changing the copy template to make different kinds of holes.
- This machine work steady and easy to operate.

Parameter

| | |
|----------------------------|----------------------|
| Voltage | 380V/50HZ |
| Input power | 2KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 30L/min |
| Diameter of milling cutter | φ5mm-φ8mm |
| Rotary speed | 10000r/min |
| Copying dimension | 300X100mm |
| Overall dimension | 1000mmX1130mmX1460mm |



Lock Hole Copy Router

LZ3F-300X100

Features

- Used for processing of holes and slots of aluminum profile, upvc profile.
- This machine has copy router and lock hole drilling part.
- Through the belt speed up, make the drilling faster and finished products better.
- By changing the copy template to make different kinds of holes.
- This machine work steady and easy to operate.

Parameter

| | |
|----------------------------|----------------------|
| Voltage | 380V/50HZ |
| Input power | 2.25KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 30L/min |
| Diameter of milling cutter | φ5mm-φ8mm |
| Rotary speed | 10000r/min |
| Copying dimension | 300X100mm |
| Overall dimension | 1130mmX1100mmX1460mm |



Lock Hole Copy Router

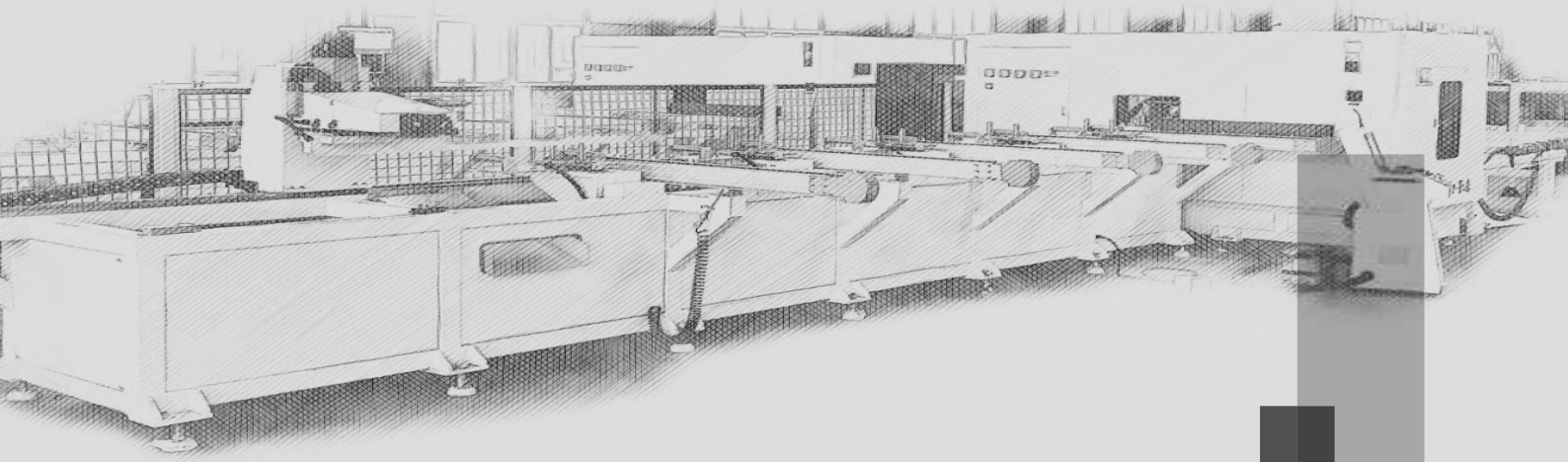
LZFC-300X100

Features

- Used for processing of holes and slots of aluminum profile, upvc profile.
- This machine has copy router and lock hole drilling part.
- Through the belt speed up, make the drilling faster and finished products better.
- By changing the copy template to make different kinds of holes.
- This machine work steady and easy to operate.

Parameter

| | |
|----------------------------|----------------------|
| Voltage | 380V/50HZ |
| Input power | 2.25KW |
| Air resource pressure | 0.5-0.8Mpa |
| Air consumption | 30L/min |
| Diameter of milling cutter | φ5mm-φ8mm |
| Rotary speed | 12000r/min |
| Copying dimension | 300X100mm |
| Overall dimension | 1130mmX1100mmX1460mm |



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