



镇江沃兴电气科技有限公司
Zhenjiang Woxing Electric Co., LTD



沃兴电气·母线槽全案专家

Woxing Electric: The Busbar Total Solution Specialist

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镇江沃兴电气科技有限公司
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ZHENGJIANG

A

从设备、配件到完整系统
为电力传输保驾护航

FROM EQUIPMENT, ACCESSORIES TO COMPLETE SYSTEMS,
WE SAFEGUARD YOUR POWER TRANSMISSION.



DEVELOPMENT JOURNEY

目录

01.

PART ONE

ACCESSORIES

Double-Ended Torque Bolts	01
Square Nuts	01
Bowl Washers (65Mn Spring Steel)	02
Hexagonal Insulation Sleeves	02
Hexagonal Tube Covers (PA66 Insulation Covers)	03
Shear Indicators (PA66 Torque Indicator Tags)	03
BMC DMC Insulation Sheets	04

Bowl Washer Sealing Rings (Silicone Seals)	04
Aluminum End Cap	05
Sockets and Plugs (PA66 Insulation Parts)	05
T-Type and L-Type Copper Pins	06
Rivets	06
Electrical Insulation Tape	07
Silicone Rubber Sealing Strips	07
Flexible Copper Connectors (Laminated Copper Copper Braided Types)	08
CR Insulation Strips (Chloroprene Rubber)	08

Oriented PTFE (F4) Film	09
Insulators and Busbar Frames (Medium & High Voltage Systems)	09
Heat Shrink Tubing (Low, Medium & High Voltage)	10
PET Polyester Film	10
Phase Insulation Spacers (DMC Air-Insulated Busbar Systems)	11
Busbar Support Systems	11
Refractory Cotton	12
Mica Tape	12
Epoxy Resin	13
Polyester Powder	13

02.

PART TWO

EQUIPMENT

PET Cutting MachinePET	14
PET Polyester Forming MachinePET	15
Aluminum ProfileCopper-Aluminum Busbar Sawing Machine	16
Copper-Aluminum Busbar Pressing and Bending Machine 100T	17
Busbar CopperAluminum Conductor ProcessingMachine (Three-Station) Cutting, Bending, and Punching	18
Air-Insulated Busbar Socket Processing Machine	19
Sandwich Type Busbar Socket Processing Machine	20
Busbar CopperAluminum Welding Machine	21
Semi-Automatic Busbar Riveting Production Line	22
Fully Automatic Busbar Riveting Production Line	23
Fully Automatic Busbar Riveting Production Line (Four-Piece Riveting)	24
Busbar Connector Aluminum Press Plate and Connector Cover Automatic Processing Machine	25
Busbar Copper Bar Processing Machine	26
Fully Automatic Busbar Testing Line	27
Busbar Packaging Machine	28
Busbar Elbow Processing Machine	29
Medium and High Voltage Busbar CopperAluminum Conductor Processing Machine (Nine-Station Processing)	30
Rivet Remover	31

Double-Ended Torque Bolts

双头力矩螺

产品介绍

Product Introduction

Double-Ended Torque Bolts are manufactured from high-quality 45# steel with quenching treatment, achieving a strength grade of 8.8.They provide stable and reliable torque control, with torque values of 80N·m (±10) and 90N·m (±10).The surface is treated with Dacromet coating, offering excellent corrosion resistance with up to 96 hours of salt spray test performance.**Custom sizes and specifications are available according to customer requirements.**

Specifications		
M12*105	M12*125	M12*145
M12*110	M12*130	M12*150
M12*115	M12*135	M12*155
M12*120	M12*140	M12*160



Square Nuts

方螺母

产品介绍

Product Introduction

Square Nuts are manufactured from high-quality 35# steel.The surface is treated with Dacromet coating, providing excellent corrosion resistance with up to 96 hours of salt spray test performance.They offer high strength and reliable connection, suitable for busbar system applications.**Custom sizes and specifications are available according to customer requirements.**



Specifications
M12 29MM*29MM
M12 27MM*27MM

Bowl Washers

锰钢碗垫

产品介绍

Product Introduction

Bowl Washers (65Mn Spring Steel) are manufactured from high-quality 65Mn spring steel and undergo quenching treatment, achieving a strength grade of 8.8.They offer excellent elasticity and fatigue resistance, ensuring long-term stable and reliable connections.The surface is treated with Dacromet coating, providing excellent corrosion resistance with up to 96 hours of salt spray test performance.**Custom sizes and specifications are available according to customer requirements.**

Specifications
M75



Hexagonal Insulation Sleeves

六角套管 (PA66绝缘套管)

产品介绍

Product Introduction

Hexagonal Insulation Sleeves are manufactured from flame-retardant PA66 material, offering excellent mechanical strength, heat resistance, and electrical insulation performance.The length can be customized to suit different busbar system designs.In busbar systems, they are mainly used to insulate and position the connection bolts, preventing short circuits between conductors while enhancing installation stability and overall safety.**Custom sizes and specifications are available according to customer requirements.**



Specifications	
M12*80	M12*100
M12*90	M12*110

Hexagonal Tube Covers

方管罩

产品介绍 Product Introduction

Hexagonal Insulation Sleeves are manufactured from flame-retardant PA66 material, offering excellent mechanical strength, heat resistance, and electrical insulation performance.The length can be customized to suit different busbar system designs.In busbar systems, they are mainly used to insulate and position the connection bolts, preventing short circuits between conductors while enhancing installation stability and overall safety.**Custom sizes and specifications are available according to customer requirements.**

Specifications
M12



Shear Indicators

剪切标牌

产品介绍 Product Introduction

Shear Indicators (PA66 Torque Indicator Tags) are manufactured from flame-retardant PA66 material, offering good mechanical properties, heat resistance, and electrical insulation performance.In busbar systems, they are mainly used as torque indicators for bolts. When the specified torque is reached, the indicator will shear or break, providing a clear visual confirmation of proper installation and ensuring consistent and reliable connections.They also provide insulation, contributing to the overall safety of the system.**Custom sizes and specifications are available according to customer requirements.**



Specifications
M12 M14

BMC DMC Insulation Sheets

绝缘板

产品介绍 Product Introduction

BMC / DMC Insulation Sheets are manufactured from high-quality raw materials, offering excellent electrical insulation performance and mechanical strength.They provide good thermal resistance, with temperature ratings up to 135°C and 155°C, suitable for various operating conditions.The raw materials are UL certified, ensuring stable and reliable quality that meets international standards.They are widely used in busbar systems for phase insulation and structural support, enhancing system safety and stability.**Custom sizes and specifications are available according to customer requirements.**

Specifications
160A-6300A-CUSTOMIZATION AVAILABLE



Bowl Washer Sealing Rings (Silicone Seals)

碗垫密封圈(硅胶密封圈)

产品介绍 Product Introduction

Bowl Washer Sealing Rings (Silicone Seals) are made from high-quality UL-certified silicone material, offering excellent heat resistance, elasticity, and sealing performance.In busbar systems, they are mainly used for sealing and protection at connection points, effectively preventing dust and moisture ingress, thereby improving system safety and reliability.With good aging resistance, they are suitable for long-term stable operation.**Custom sizes and specifications are available according to customer requirements.**



Specifications
M12

Aluminum End Cap

铝堵头

产品介绍 Product Introduction

The aluminum end caps are used at both ends of the busway, made from high-quality aluminum using die-casting technology, ensuring excellent structural stability. The product features precise hole spacing, a smooth and aesthetically pleasing surface, and a high level of compatibility for easy installation. Customization is available to provide various sizes and specifications based on customer requirements.

Specifications	
128*30-100	128*52-98



Sockets and Plugs (PA66 Insulation Parts)

插口与插座 (PA66绝缘件)

产品介绍 Product Introduction

Sockets and Plugs (PA66 Insulation Parts) are manufactured from flame-retardant PA66 material, offering good mechanical strength and electrical insulation performance. They feature stable structure, high precision, and reliable fit. They are used for connection and positioning between tap-off units and busbar ends. Custom sizes and designs are available according to customer requirements.



COMPACT TYPE AIR-INSULATED

Specifications
SIEMENS GENERATION 1
SIEMENS GENERATION 2
SIEMENS GENERATION 3
WATERPROOF BUSBAR TRUNKING TYPES
AIR-INSULATED BUSBAR TRUNKING TYPES

T-Type and L-Type Copper Pins

T型 L型铜插脚 (导电连接件)

产品介绍 Product Introduction

The copper pins (including T-type copper pins, compact/L-type copper pins) are made from high-quality copper, offering excellent electrical conductivity and superior mechanical strength. The products are precision-engineered to ensure stable contact and reliable current transmission. They are suitable for electrical connections in busway plug-in systems, meeting the installation requirements of various structural forms. Customization is available, with different sizes and specifications offered based on customer needs.

Specifications		
100A	200A	400A
125A	250A	500A
160A	315A	630A



空气型 空气+密集型 密集型

产品介绍 Product Introduction

The rivets are used in the busway riveting production line, made from high-quality manganese steel and heat-treated to ensure high strength and excellent mechanical properties. The product provides secure and stable connections, making it ideal for riveting connections in busway enclosures. Customization is available, with different sizes and specifications provided based on customer requirements.



Specifications	
5*6	5*8
5*7	5*9

Rivets

铆 钉

Electrical Insulation Tape

电气胶带 (绝缘胶带)

产品介绍 Product Introduction

Electrical Insulation Tape is manufactured from high-quality PVC material, offering good electrical insulation and abrasion resistance.It features strong adhesion and excellent flexibility, making it ideal for insulation and wrapping of electrical connections.Widely used in busbar systems and various electrical equipment.We can also supply original 3M electrical tapes from the USA to meet different customer requirements for quality and brand preference.**Custom colors and specifications are available according to customer requirements.**

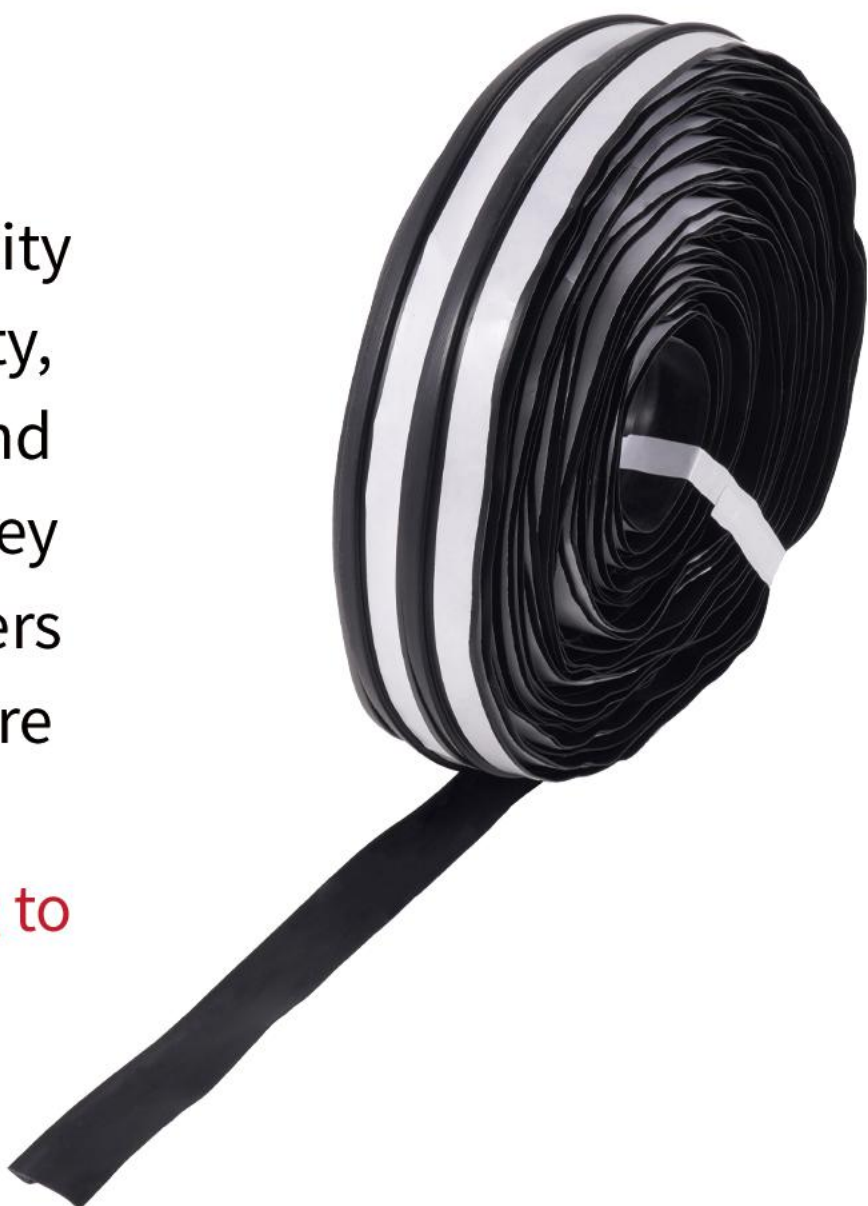


Silicone Rubber Sealing Strips

硅橡胶密封条 (密封件)

产品介绍 Product Introduction

Silicone Rubber Sealing Strips are made from high-quality silicone rubber, offering excellent heat resistance, elasticity, and sealing performance.They provide good flexibility and aging resistance, ensuring long-term stable performance.They are mainly used for sealing at the joint between busbar covers and side plates, effectively preventing dust and moisture ingress, thereby improving system safety and reliability.**Custom sizes and specifications are available according to customer requirements.**



Flexible Copper Connectors (Laminated Copper Copper Braided Types)

软连接 (铜皮 铜辫)

产品介绍 Product Introduction

Flexible Copper Connectors (Laminated Copper / Copper Braided Types) are manufactured from high-quality copper, offering excellent electrical conductivity and flexibility.They feature a stable structure and reliable contact, effectively absorbing vibration and installation tolerance, ensuring stable current transmission.Widely used for conductive connections in busbar systems and electrical equipment.**Custom sizes and specifications are available according to customer requirements.**

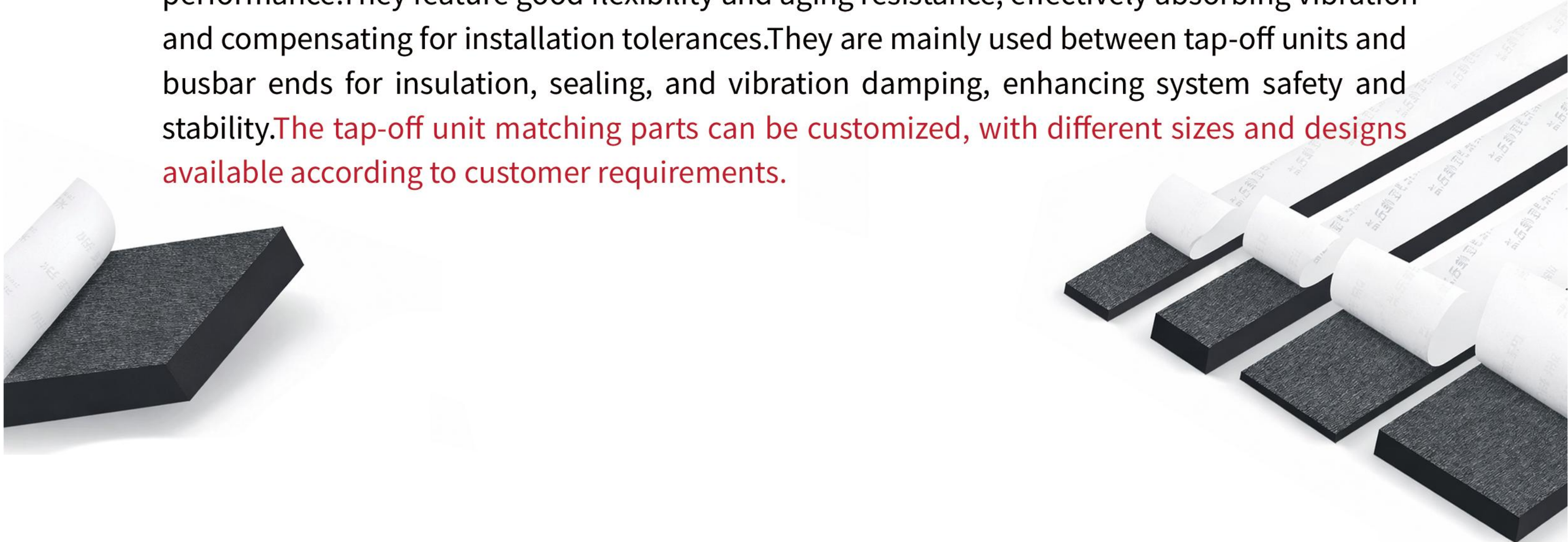


CR Insulation Strips (Chloroprene Rubber)

CR绝缘胶条 (绝缘密封件)

产品介绍 Product Introduction

CR Insulation Strips (Chloroprene Rubber) are manufactured from high-quality CR (chloroprene rubber), offering excellent electrical insulation, sealing, and vibration damping performance.They feature good flexibility and aging resistance, effectively absorbing vibration and compensating for installation tolerances.They are mainly used between tap-off units and busbar ends for insulation, sealing, and vibration damping, enhancing system safety and stability.**The tap-off unit matching parts can be customized, with different sizes and designs available according to customer requirements.**



Oriented PTFE (F4) Film

F4定向聚四氟乙烯薄膜

产品介绍 Product Introduction

Oriented PTFE (F4) Film is manufactured from high-quality PTFE material, offering excellent electrical insulation, high temperature resistance, and chemical stability.It features a smooth surface, low friction coefficient, and excellent aging resistance, making it suitable for demanding operating environments.In busbar systems, it is mainly used for insulation and protection, enhancing system safety and reliability.**Custom thicknesses and specifications are available according to customer requirements.**



Insulators and Busbar Frames (Medium & High Voltage Systems)

绝缘子与母线框 (中高压母线系统)

产品介绍 Product Introduction



Insulators and Busbar Frames (Medium & High Voltage Systems) are manufactured from high-strength insulating materials, offering excellent electrical insulation and mechanical support.They feature a stable structure and good heat resistance, suitable for long-term operation in medium and high voltage busbar systems.They are mainly used to support and fix conductors while providing phase insulation, ensuring safe and reliable operation.**Custom designs and specifications are available according to customer requirements.**



Heat Shrink Tubing (Low, Medium & High Voltage)

热缩套管 (低压 中压 高压)

产品介绍 Product Introduction

Heat Shrink Tubing (Low, Medium & High Voltage) is manufactured from high-quality polymer materials, offering excellent electrical insulation, heat resistance, and flame-retardant properties.It provides uniform shrinkage and excellent coverage, ensuring effective insulation protection and environmental sealing for conductors.Suitable for insulation protection in low, medium, and high voltage busbar systems and electrical equipment.**Custom voltage classes, sizes, and specifications are available according to customer requirements.**



PET Polyester Film

PET聚酯薄膜 (导体绝缘包覆)

产品介绍 Product Introduction

PET Polyester Film is manufactured from high-quality polyester material, offering good electrical insulation, heat resistance, and abrasion resistance.It features good flexibility, uniform thickness, and a smooth surface, making it suitable for conductor wrapping applications.It is mainly used for insulation wrapping of copper busbars, effectively preventing phase-to-phase short circuits and external damage, improving system safety and reliability.**Custom thicknesses and specifications are available according to customer requirements.**



Specifications			
Model No.	Rating	Temperature Resistance Rating	Flame Retardant Rating
6021		120	/
6023		120	V2
JAN-21		120	/
DX10A	B	130	V2
DN100	B	130	V2
6641	F	155	/
X-1	H	180	VO

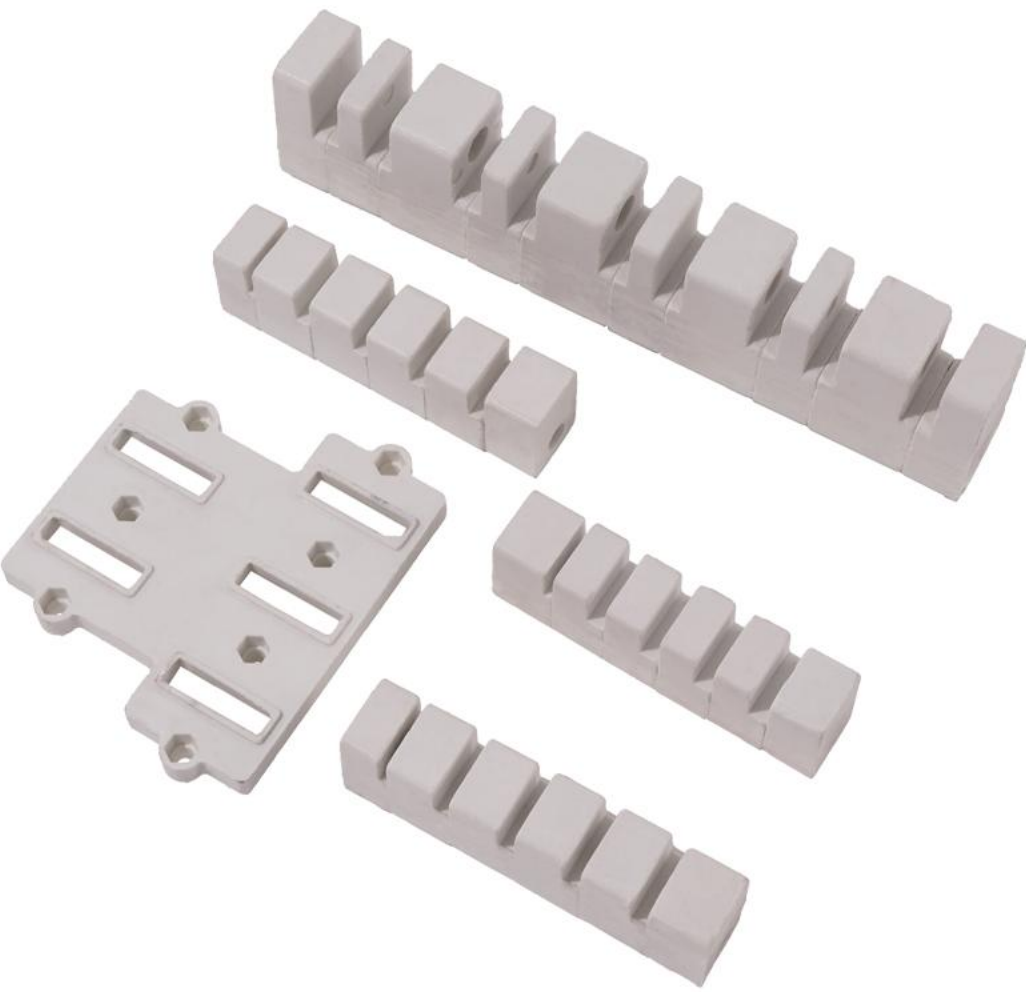
Phase Insulation Spacers (DMC Air-Insulated Busbar Systems)

绝缘隔相块 (DMC | 空气型母线槽)

产品介绍 Product Introduction

Phase Insulation Spacers (DMC | Air-Insulated Busbar Systems) are manufactured from DMC (Dough Molding Compound), offering excellent electrical insulation, good mechanical strength, and heat resistance.They feature a stable structure, high dimensional accuracy, and good flame-retardant and aging resistance properties.They are mainly used to separate and support conductors between phases in air-insulated busbar systems, effectively preventing phase-to-phase short circuits and improving system safety and reliability.

Custom sizes and specifications are available according to customer requirements.



Busbar Support Systems

母线槽支架系统

产品介绍 Product Introduction

Guarantee stable installation, even force distribution and reliable operation.

HORIZONTAL SUPPORT 水平支架

For horizontal installation

SPRING HANGER 弹簧吊架

Vibration&Expansion Control

ADJUSTABLE HANGER 可调式吊架

Adjustable installation height

VERTICAL SUPPORT 垂直支架

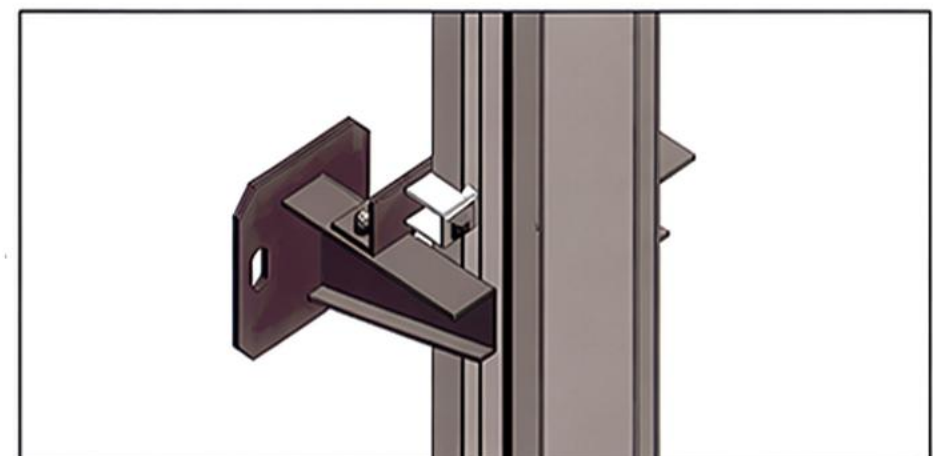
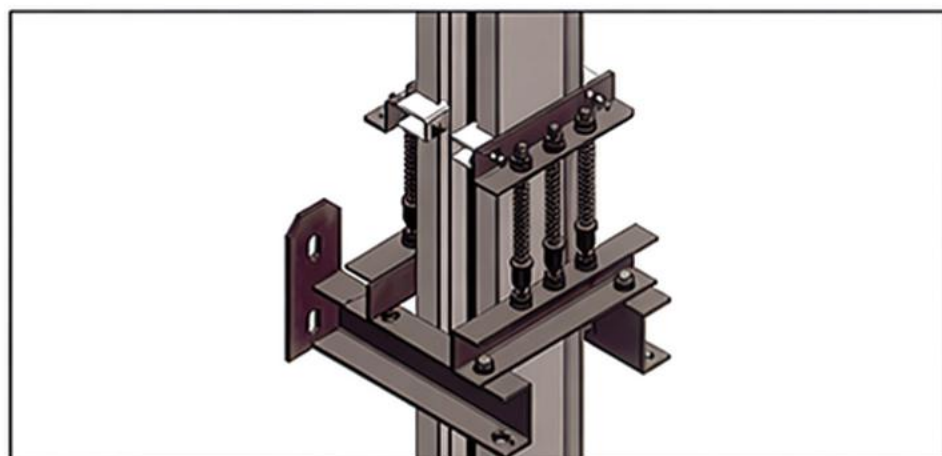
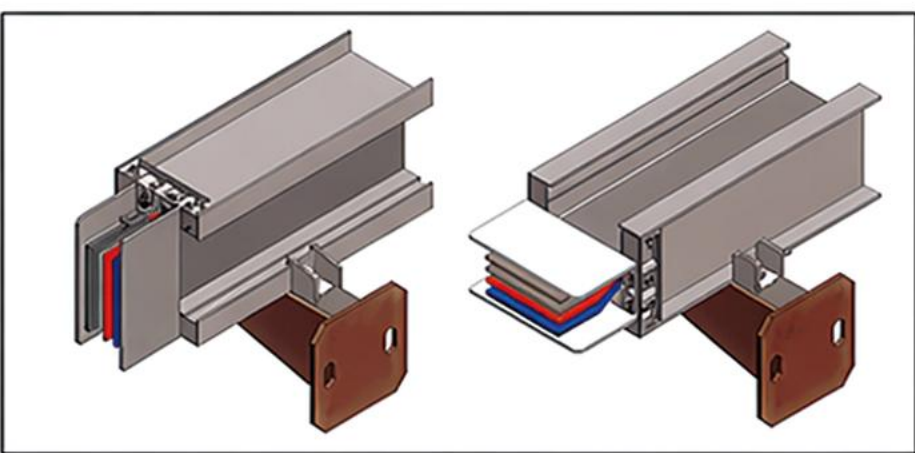
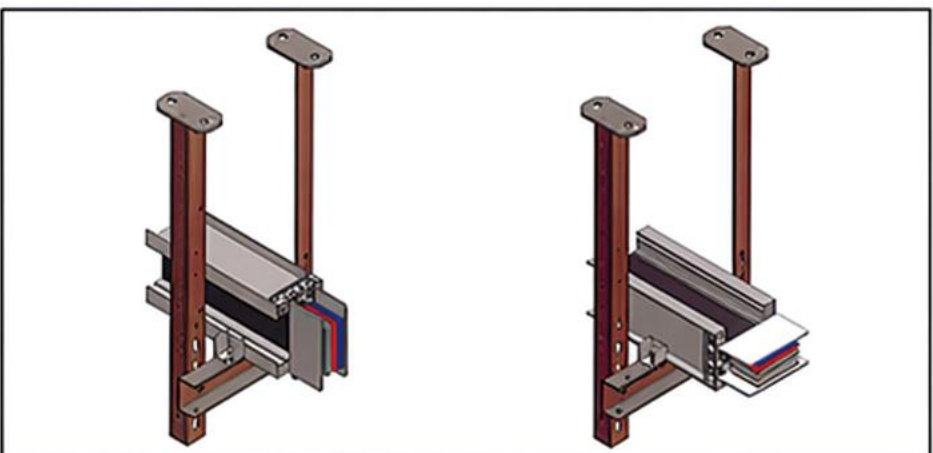
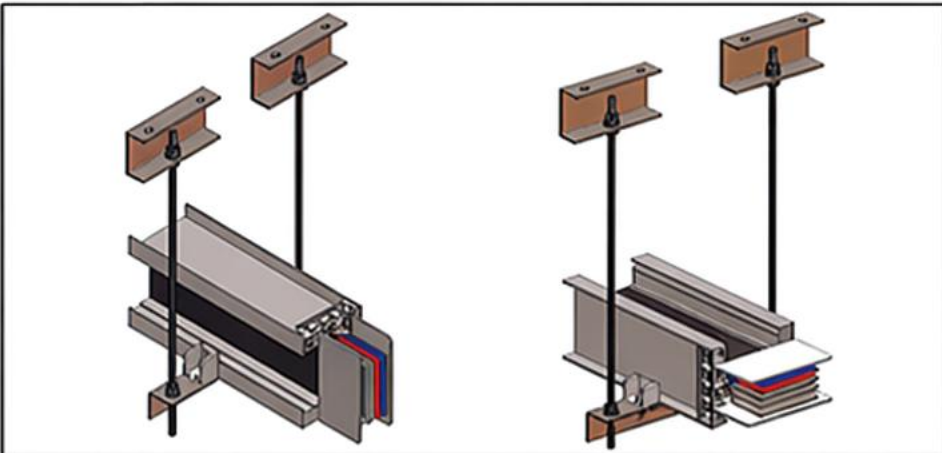
For vertical installation

SEISMIC SUPPORT 抗震支架

Improves seismic safety

WALL BRACKET 墙体支架

For wall mounting



Complete Busbar
Installation & Support
Solutions

Refractory Cotton

耐火棉

产品介绍 Product Introduction

Fireproof cotton is a critical component in busbar accessories, offering exceptional high-temperature resistance, capable of withstanding temperatures up to 1460°C. Made from high-quality materials and processed through specialized techniques, fireproof cotton is widely used in the power industry, industrial equipment, and construction sectors. It not only provides excellent thermal insulation but also demonstrates superior corrosion resistance and aging resistance, effectively preventing high temperatures from damaging busbar systems and other electrical equipment.

This product is highly flexible, making it suitable for various busbar systems installation and maintenance, ensuring the safe and stable operation of electrical systems. We offer customization services and can provide fireproof cotton in different sizes and specifications based on customer requirements.



Mica Tape

云母带

产品介绍 Product Introduction



Mica tape is a crucial material in busbar accessories, widely used for insulation and protection in electrical equipment. Made from high-quality mica minerals and processed at high temperatures, mica tape offers excellent high-temperature resistance, capable of withstanding temperatures over 1000°C. In addition to superior electrical insulation properties, it also demonstrates strong corrosion resistance and aging resistance, performing exceptionally well in

As part of busbar accessories, mica tape is primarily used for insulation and thermal protection in busway systems, ensuring the stable operation of the system. Its flexibility and durability make installation safer and easier, effectively preventing system damage caused by high temperatures or electrical faults. We also offer customization services and can provide mica tape in various sizes and specifications based on customer requirements.

Epoxy Resin

环氧树脂

 产品介绍

 Product Introduction

High-Performance Resin – Enhancing Busbar System Reliability

Our busbar systems utilize high-performance modified resins, specifically mineral-based volcanic rock power packaging materials. These resins offer exceptional heat resistance, electrical insulation, and mechanical strength, ensuring long-term stability even in extreme conditions. Resin casting effectively prevents moisture, dust, and contaminants from entering, safeguarding the electrical system.

Not only do our resins improve seismic resistance and corrosion protection, but they also extend the system’s lifespan and reduce maintenance costs. *Whether in power facilities or industrial distribution systems, the use of resin provides robust protection for your equipment.*



Polyester Powder

聚酯粉末

 产品介绍

 Product Introduction

母线槽母排浸塑工艺(粉末)



母线槽母排浸塑工艺(PVC)

This product is a thermosetting epoxy resin powder, designed specifically for the coating process of busbars. It provides excellent electrical insulation properties, high-temperature stability, strong adhesion, and efficient electrical protection, making it ideal for busbar insulation.

 产品特点

 Features

- Superior Electrical Insulation Provides continuous electrical protection to prevent electrical failures.
- Excellent Thermal Resistance Does not soften in high-temperature environments (up to 180°C), maintaining superior insulation.
- High Adhesion Strong adhesion to the busbar surface, preventing safety hazards.
- High Thermal Conductivity Helps reduce the surface temperature of the busbar during operation.
- Uniform Coating Even coating thickness, with an attractive appearance and no weak points for electrical breakdown.
- Eco-friendly and Non-polluting Free of halogen, non-polluting, and meets certifications like ROHS, REACH, and UL94 V-0.
- Simple Application Process Fluidized bed coating technology, easy to apply with quick curing.

设备产品介绍

PRODUCT INTRODUCTION OF THE EQUIPMENT

PET Cutting MachinePET

PET分切机

Bus Duct PET Film Slitting Machine **Model:WX-BD-PFS-1350**

产品介绍 Product Introduction

The **WX-BD-PFS-1350 Bus Duct PET Film Slitting Machine** is specially designed for slitting PET polyester film used in bus duct production. It can slit film rolls into different widths for conductor wrapping and insulation protection.



设备特点 Features

- Designed for bus duct PET film slitting
- Neat slitting and stable rewinding
- Air shaft for unwinding and rewinding
- Chain drive, stable operation
- Suitable for multiple slitting sizes

主要参数 Main Parameters

Effective Width: 1350 mm	Blade Quantity: 10 circular blades
Slitting Speed: 2-20 m/min	Dimensions: 1800 × 800 × 1000 mm
Applicable Thickness: 0.08-0.3 mm	Weight: Approx. 300 kg

Designed for Bus Duct PET Film | Stable Rewinding | Easy Operation

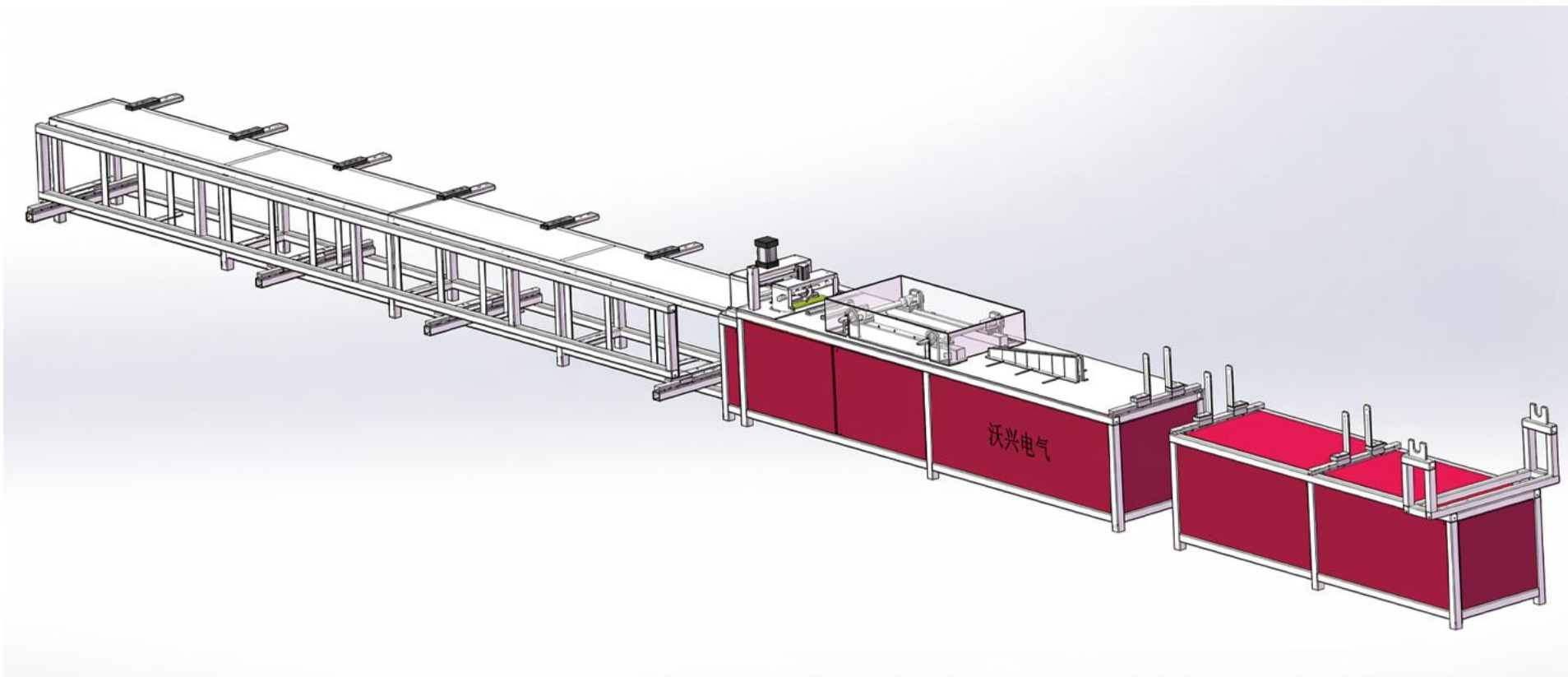
PET Polyester Forming MachinePET

PET聚酯套成型机

PET Polyester Forming MachinePET **Model:WX-BD-PSF-250**

产品介绍 Product Introduction

Designed for the forming of polyester sleeves / PET film used in bus duct production.The machine adopts PLC + HMI control, offering stable performance, easy operation, automatic cutting, counting, and precise length control.



设备特点 Features

- PLC + HMI control
- Automatic cutting
- Precise length control
- Suitable for multiple forming sizes

主要参数 Main Parameters

Voltage: AC380V+N / 50Hz	Forming Size: 35-250 mm
Power Consumption: ≤2000W	Motor Power: 1.5 kW
Temperature Range: 120-180°C	Dimensions: 13000 × 1100 × 1200 mm
Inverter Speed: 0-50Hz	

Stable Forming | Automatic Cutting | Precise Length Control | Easy Operation

Aluminum ProfileCopper-Aluminum Busbar Sawing Machine

铝型材与铜铝排锯床

Copper-Aluminum Composite Saw **Model: WX-BD-CAS-400**

产品介绍 Product Introduction

Designed for the cutting of copper bars, aluminum bars, and copper-aluminum composite conductors used in bus duct production.The machine adopts PLC control and hydraulic feeding, offering stable operation and efficient cutting performance. **In addition to straight conductor cutting, it is also suitable for cutting elbow sections of bus duct conductors.**



设备特点 Features

- PLC control for stable operation
- Hydraulic feeding for easy cutting
- Suitable for copper, aluminum, and composite conductors
- Also suitable for cutting elbow sections
- High cutting efficiency and long service life

主要参数 Main Parameters

Voltage: AC380V+N / 50Hz	Dimensions: 11000 × 1500 × 1500 mm
Main Motor Power: 5.5 kW	Blade Size: 405 mm
Cutting Width: 400 mm	Cutting Capacity: Up to 25 mm copper bar
Cutting Height: 110 mm	

Efficient Cutting | Hydraulic Feeding | Stable Operation | Suitable for Elbow Cutting

COPPER-ALUMINUM BUSBAR PRESSING AND BENDING MACHINE 100T

铜铝排双头拍弯

Bus Duct Double-Head Bending Machine **Model: WX-BD-DBM-100**

产品介绍 Product Introduction

Designed for the bending and forming of copper/aluminum bars and related conductor parts used in bus duct production.The machine adopts a double-cylinder hydraulic up-acting structure, offering stable operation, high bending accuracy, and reliable performance for batch production.



设备特点 Features

- Welded frame structure for high rigidity
- Double-cylinder hydraulic drive
- Mechanical synchronization for higher accuracy
- Inching, automatic, and continuous operation modes
- Suitable for copper and aluminum bar bending

主要参数 Main Parameters

Nominal Force: 1000 kN	Main Motor Power: 7.5 kW	Mold Quantity: 8 sets
Worktable Length: 3200 mm	Motor Speed: 1440 r/min	Dimensions: 4000 × 800 × 1600 mm
Cylinder Stroke: 150 mm	Mold Size: 260 × 130 mm	Machine Weight: Approx. 2300 kg
System Pressure: 20 MPa		

Double-Cylinder Hydraulic | Stable Bending | Accurate Forming | Flexible Operation

BUSBAR COPPERALUMINUM CONDUCTOR PROCESSING MACHINE (THREE-STATION)

铜与铝三工位加工机

Bus Duct Copper/Aluminum Bar Multi-Functional Processing Machine

Model: WX-BD-MPM-260 Original Model: BM603-S-3-10P

产品介绍 Product Introduction

Designed for punching, shearing, and bending of copper and aluminum busbars used in bus duct production. Multi-functional in one machine, easy to operate, and highly efficient.



设备特点 Features

- Punching, shearing, and bending in one machine
- Supports round, oblong, and square holes
- Waste-free shearing to save material
- PLC control for stable operation
- High bending accuracy and easy operation

主要参数 Main Parameters

Punching Capacity: $\Phi 32$ mm (thickness ≤ 10 mm)	Total Power: 11.37 kW
Punching Capacity: $\Phi 25$ mm (thickness ≤ 15 mm)	Working Voltage: 380 V
Shearing Capacity: 15 × 260 mm	Machine Weight: 1460 kg
Flat Bending Capacity: 15 × 260 mm	Bending Accuracy: $\pm 0.5^\circ$
Vertical Bending Capacity: 12 × 120 mm	

Multi-Function | High Efficiency | Stable Operation | Easy Operation

AIR-INSULATED BUSBAR SOCKET PROCESSING MACHINE

空气型母线槽插口机器

Air-Insulated Bus Duct Socket Machine Model: WX-BD-AISM-100

产品介绍 Product Introduction

Designed for the forming of air-insulated bus duct sockets. The machine adopts a double-cylinder hydraulic up-acting structure, offering stable operation, accurate forming, and reliable performance for batch production.



设备特点 Features

- Welded frame structure for high rigidity
- Double-cylinder hydraulic drive
- Mechanical synchronization for higher accuracy
- Inching, automatic, and continuous operation modes
- Suitable for air-insulated bus duct socket forming

主要参数 Main Parameters

Nominal Force: 1000 kN	Main Motor Power: 7.5 kW	Mold Quantity: 2 sets
Worktable Length: 2000 mm	Motor Speed: 1440 r/min	Dimensions: 4700 × 650 × 1500 mm
Cylinder Stroke: 150 mm	Mold Size: 400 × 260 mm	Machine Weight: Approx. 2000 kg
System Pressure: 20 MPa		

Double-Cylinder Hydraulic | Stable Forming | Higher Accuracy | Flexible Operation

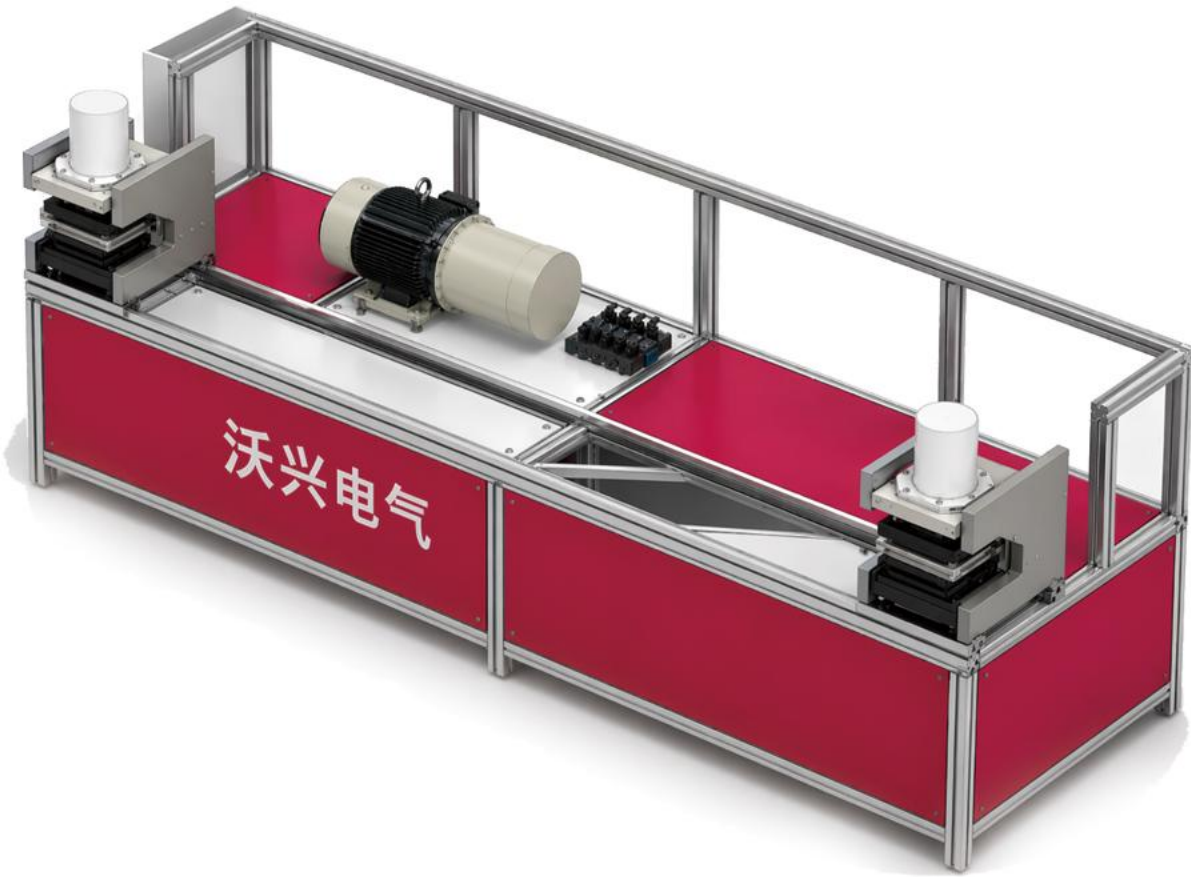
SANDWICH TYPE BUSBAR SOCKET PROCESSING MACHINE

密集型母线槽插口机器

Copper Bar Socket Machine **Model: WX-BD-CSM-400**

产品介绍 Product Introduction

Designed for the processing and forming of bus duct copper bar sockets.The machine adopts PLC control and can complete blanking, punching, and pressing in one machine, improving production efficiency. Equipped with a special positioning frame, it offers easier operation and more stable production.



设备特点 Features

- PLC control for stable operation
- Higher efficiency with fewer process changes
- Blanking, punching, and pressing in one machine
- Equipped with a special positioning frame

主要参数 Main Parameters

Voltage: AC380V+N / 50Hz

Motor Power: 7.5 kW

Pressure: 400 kN

Punching Copper Bar Thickness: 2-6 mm

Dimensions: 10000 × 1600 × 1500 mm

Multi-Process in One | Accurate Positioning | Higher Efficiency | Easy Operation

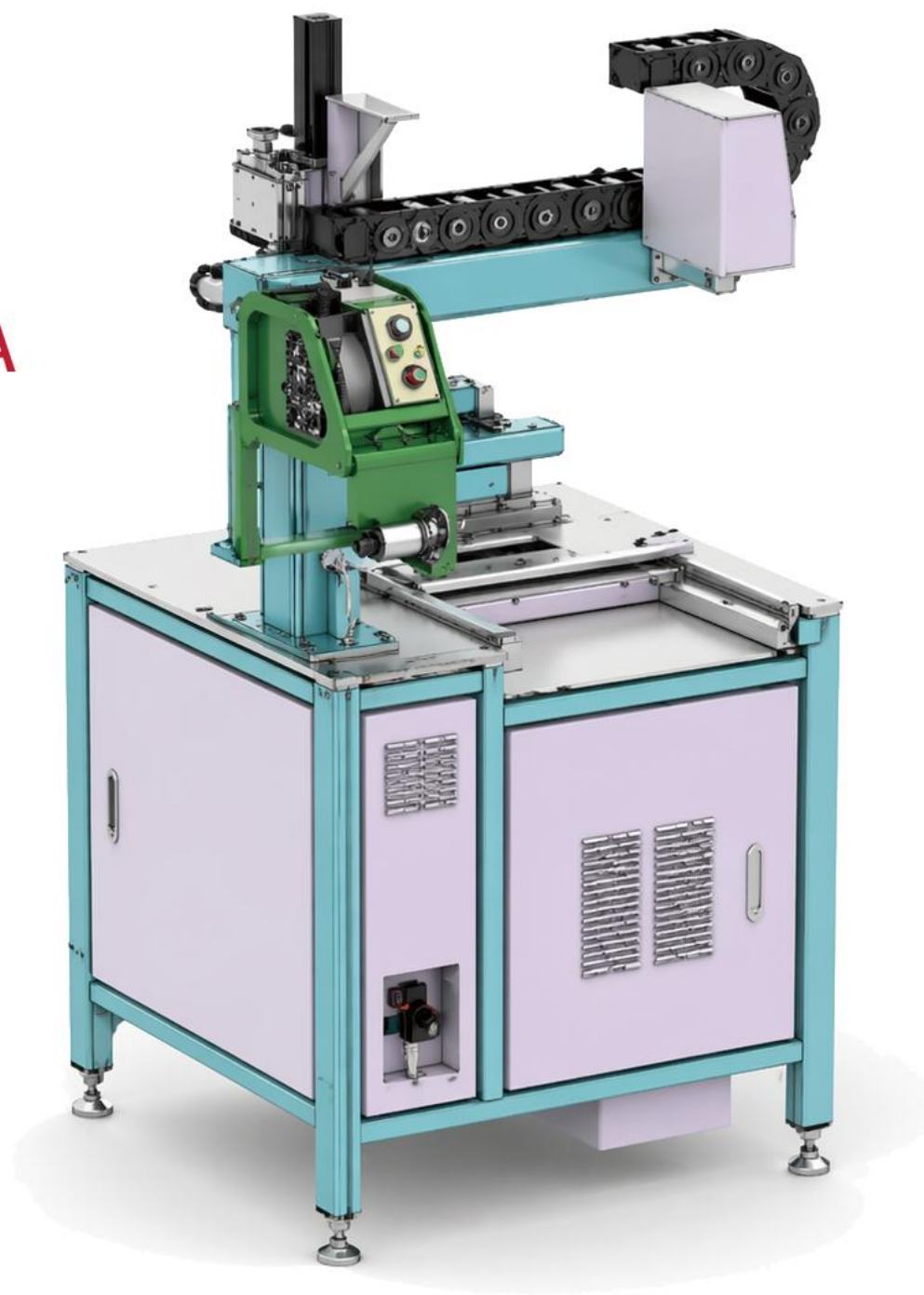
BUSBAR COPPERALUMINUM WELDING MACHINE

母线槽焊接机

Automatic Busbar Welding Machine **Model: WB-250A**

产品介绍 Product Introduction

The Automatic Busbar Welding Machine is designed for the efficient and precise welding of busbars, typically used in the electrical industry for power distribution systems. The machine is equipped with state-of-the-art features to ensure high-quality welding performance and operational safety.



设备特点 Features

- **Precision Welding:** Utilizes TIG welding technology for optimal weld quality, suitable for copper bars with a maximum thickness of 5mm and width of 250mm.
- **Pneumatic and Hydraulic Systems:** Dual hydraulic stations ensure smooth operation, while pneumatic pressure blocks assist with material alignment.
- **Automatic Process:** The machine includes automated feeding and clamping systems, ensuring precision alignment and consistent welding results.
- **Control System:** A user-friendly HMI (Human Machine Interface) allows easy setup and real-time control of welding parameters. The system can store welding recipes for different busbar sizes, streamlining production efficiency.
- **Cooling and Safety:** Integrated cooling systems maintain optimal temperatures, and a comprehensive set of safety features, including emergency stops and monitoring systems, ensures operator safety.

主要参数 Main Parameters

Welding Process: TIG welding

Max Copper Bar Thickness: 5mm

Max Width: 250mm

Control Power: AC 220V, 50Hz

Cooling Capacity: 20L (with antifreeze recommended)

Operating Environment: Temperature range from -10°C to +40°C, with humidity levels up to 90% at 20°C.

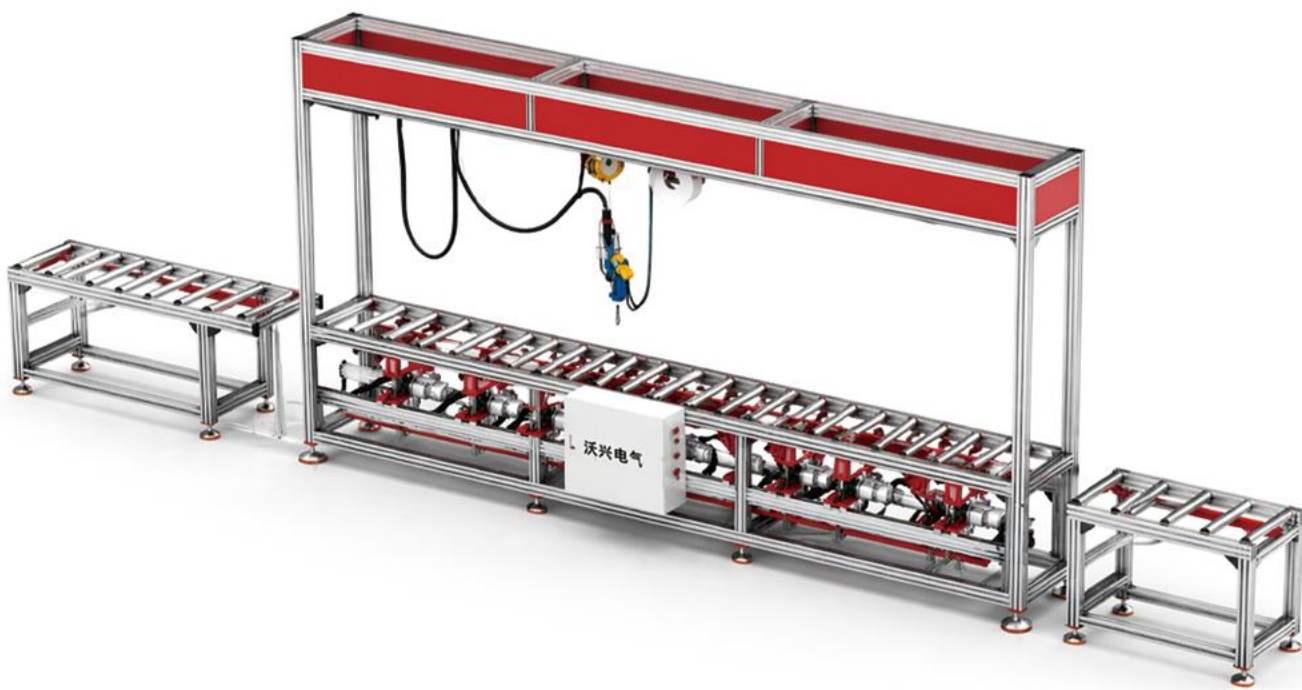
SEMI-AUTOMATIC BUSBAR RIVETING PRODUCTION LINE

母线槽半自动铆接线

Bus Duct Assembly Riveting Line **Model:WX-BD-RL-6000**

产品介绍 Product Introduction

This machine is designed for the assembly and riveting of compact bus duct systems. It provides stable support and clamping of the bus duct, while dual riveting guns on both sides help improve working efficiency and riveting quality.



设备特点 Features

- Stable supporting and clamping
- Dual-side riveting operation
- Suitable for compact bus duct assembly and riveting
- Strong structure and reliable performance
- Suitable for aluminum and steel housing bus ducts

主要参数 Main Parameters

Motor Power: 0.75 kW	Dimensions: 6000 × 700 × 1500 mm
Motor Speed: 1440 r/min	Machine Weight: Approx. 1800 kg
Processing Length: 6000 mm	Optional Configuration:
Applicable Height: ≤250 mm	3000 mm / 4000 mm / 5000 mm / 6000 mm

Stable Support | Accurate Clamping | Dual-Side Riveting | Easy Operation

FULLY AUTOMATIC BUSBAR RIVETING PRODUCTION LINE

母线槽双片式铆接线

Double-Piece Bus Duct Riveting Line (For I-Type Profiles) **Model: WX-BD-DRL-6000**

产品介绍 Product Introduction

This machine is designed for the automatic riveting of double-piece bus duct systems with I-type profiles, featuring high efficiency, stable performance, and easy operation. It is suitable for batch production of bus duct systems.



设备特点 Features

- Automatic distribution of riveting positions
- Intelligent avoidance of socket positions
- Dual-riveting-gun design for higher efficiency
- One 3-meter bus duct can be completed in about 2 minutes 30 seconds

主要参数 Main Parameters

Bus Duct Length: 1.6 m – 6 m	Copper Conductor Width: 40 – 280 mm
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适用范围 Suitable for

1. U-type bus ducts
2. Snap-fit bus ducts
3. I-type profile bus duct systems

Automatic Positioning | Intelligent Avoidance | Dual Riveting Guns | High Efficiency

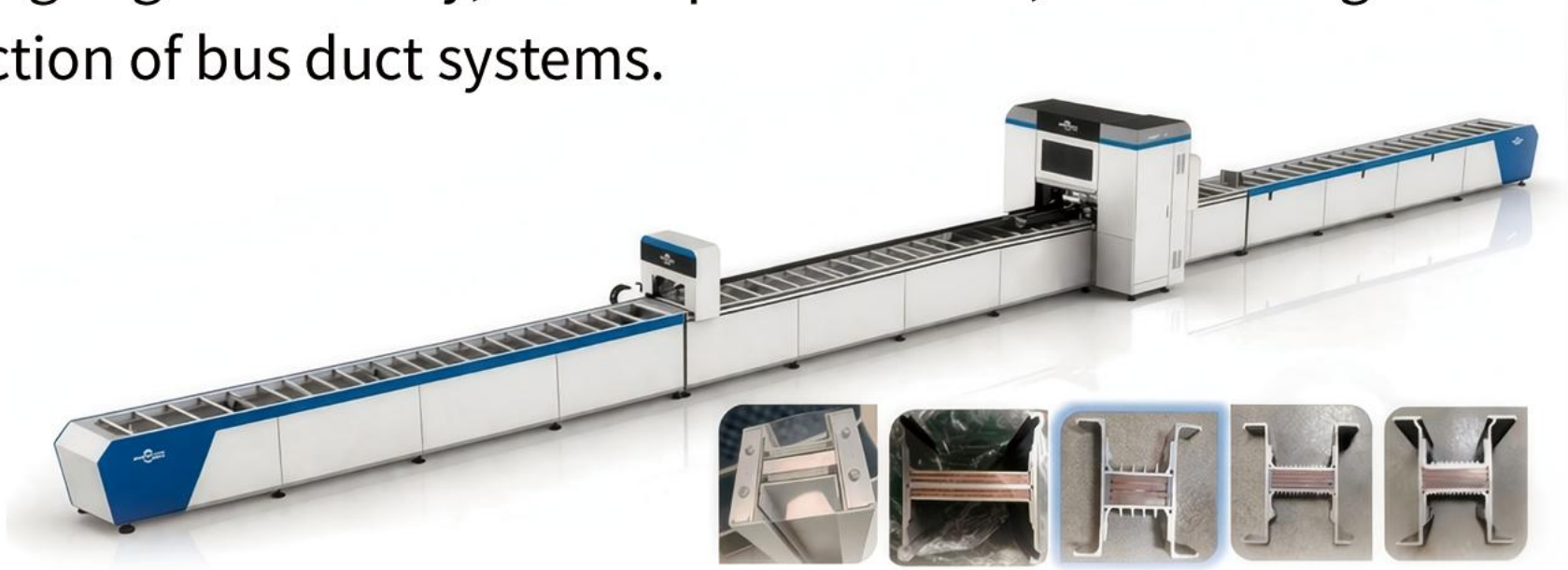
FULLY AUTOMATIC BUSBAR RIVETING PRODUCTION LINE (FOUR-PIECE RIVETING)

母线槽四片式铆接线

4-Piece Bus Duct Assembly Line **Model: WX-BD-FAL-6000**

产品介绍 Product Introduction

This machine is specially designed for the automated assembly of 4-piece bus duct systems, featuring high efficiency, stable performance, and intelligent control. It is suitable for batch production of bus duct systems.



设备特点 Features

- Automatic distribution of riveting positions
- Intelligent avoidance of socket positions
- Equipped with 4 riveting units for high efficiency
- One 3-meter bus duct can be completed in about 3 minutes 30 seconds
- Supports both 2-gun mode and 4-gun mode for flexible production

主要参数 Main Parameters

Bus Duct Length: 1.6 m – 6 m

Copper Conductor Width: 40 – 280 mm

适用范围 Suitable for

1. 4-piece bus ducts
2. U-type bus ducts
- 3.Snap-fit bus ducts
4. New-type bus duct systems

Intelligent Positioning | Automatic Avoidance | Dual-Mode Operation | High Efficiency

BUSBAR CONNECTOR ALUMINUM PRESS PLATE AND CONNECTOR COVER AUTOMATIC PROCESSING MACHINE

母线槽连接器铝压板、连接器盖板自动加工

CNC Punching & Sawing Integrated Machine for Compact Bus Duct

Connector Aluminum Plates and Covers **Model: WX-BD-APS-180**

产品介绍 Product Introduction

Designed for the automatic processing of aluminum protection plates, cover plates, and pressure plates used in compact bus duct connectors.The machine combines punching and sawing in one unit, enabling continuous multi-hole processing and fixed-length cutting for higher production efficiency.Designed for the automatic processing of aluminum protection plates, cover plates, and pressure plates used in compact bus duct connectors.



The machine combines punching and sawing in one unit, enabling continuous multi-hole processing and fixed-length cutting for higher production efficiency.

设备特点 Features

- Integrated punching and sawing design
- Freely adjustable length for continuous processing
- Supports single-hole or multi-hole processing
- Adjustable hole spacing for different product requirements
- Up to 7 holes can be processed
- Custom mold design available

主要参数 Main Parameters

Model: WX-BD-APS-180

Total Power: 6.5 + 3 kW

Dimensions: 6700 × 1100 × 1820 mm

Max. Pressure: 20 T

Power Supply: 380V / 50Hz

Processing Width: 120–180 mm

Air Supply: 0.6 MPa

Processing Thickness: 2–10 mm

适用范围 Suitable for

1. Connector aluminum protection plates
2. Connector cover plates
3. Connector aluminum pressure plates

BUSBAR COPPER BAR PROCESSING MACHINE

母线槽连接铜排加工机

CNC Punching & Shearing Combined Machine for Compact Bus Duct Copper/Aluminum Connectors **Model: WX-BD-NPS-120**

产品介绍 Product Introduction

Designed for the punching and shearing of copper/aluminum connector plates and copper bars used in compact bus duct systems.The machine combines punching and shearing in one unit, enabling continuous multi-hole processing and cutting for higher production efficiency.



设备特点 Features

- Integrated punching and shearing design
- Freely adjustable length for continuous processing
- Supports single-hole or multi-hole processing
- Adjustable hole spacing for different product requirements
- Up to 7 holes can be automatically processed
- Custom mold design available

主要参数 Main Parameters

Model: WX-BD-NPS-120	Total Power: 5.0 kW
Dimensions: 6896 × 1238 × 1797 mm	Max. Pressure: 20 T
Power Supply: 380V / 50Hz	Processing Width: 100–120 mm
Air Supply: 0.6 MPa	Processing Thickness: 2–3.5 mm

Punching & Shearing in One | Adjustable Hole Spacing | Continuous Processing | Higher Efficiency

FULLY AUTOMATIC BUSBAR RIVETING PRODUCTION LINE

母线槽检测线

Equipment Introduction **Model: WX-BT630A**

产品介绍 Product Introduction

The Busbar Testing Line is designed for precise and efficient testing of busbar components. It ensures the quality and performance of busbars before they are put into production. Key functionalities include.



设备特点 Features

- Testing Parameters: Measures voltage withstand, resistance, and insulation of busbars to ensure they meet industry standards.
- User-Friendly Interface: Simple controls for easy operation and accurate results.
- High Efficiency: Optimized for quick, high-volume testing with minimal downtime.
- Safety Features: Equipped with safety mechanisms to protect operators during testing.

This machine is ideal for ensuring the quality and reliability of busbars in high-volume manufacturing environments.

BUSBAR PACKAGING MACHINE

母线槽打包机

Bus Duct Packing Machine **Model: WX-BD-BPM-250**

产品介绍 Product Introduction

Designed for the automatic packing of finished bus duct products. The machine features a welded frame structure with stable operation, enabling continuous packing and improving production efficiency.



设备特点 Features

- Designed for automatic bus duct packing
- Welded frame structure for reliable performance
- Mechanical synchronization for stable operation
- Suitable for different bus duct sizes
- Continuous working mode for higher efficiency

主要参数 Main Parameters

Packing Size Range: 50–250 mm	Motor Speed: 1440 r/min
Auxiliary Rack Length: 6000 mm	Dimensions: 1500 × 6800 × 2000 mm
Main Motor Power: 5.5 kW	Machine Weight: Approx. 2000 kg

Automatic Packing | Stable Operation | Continuous Working | Higher Efficiency

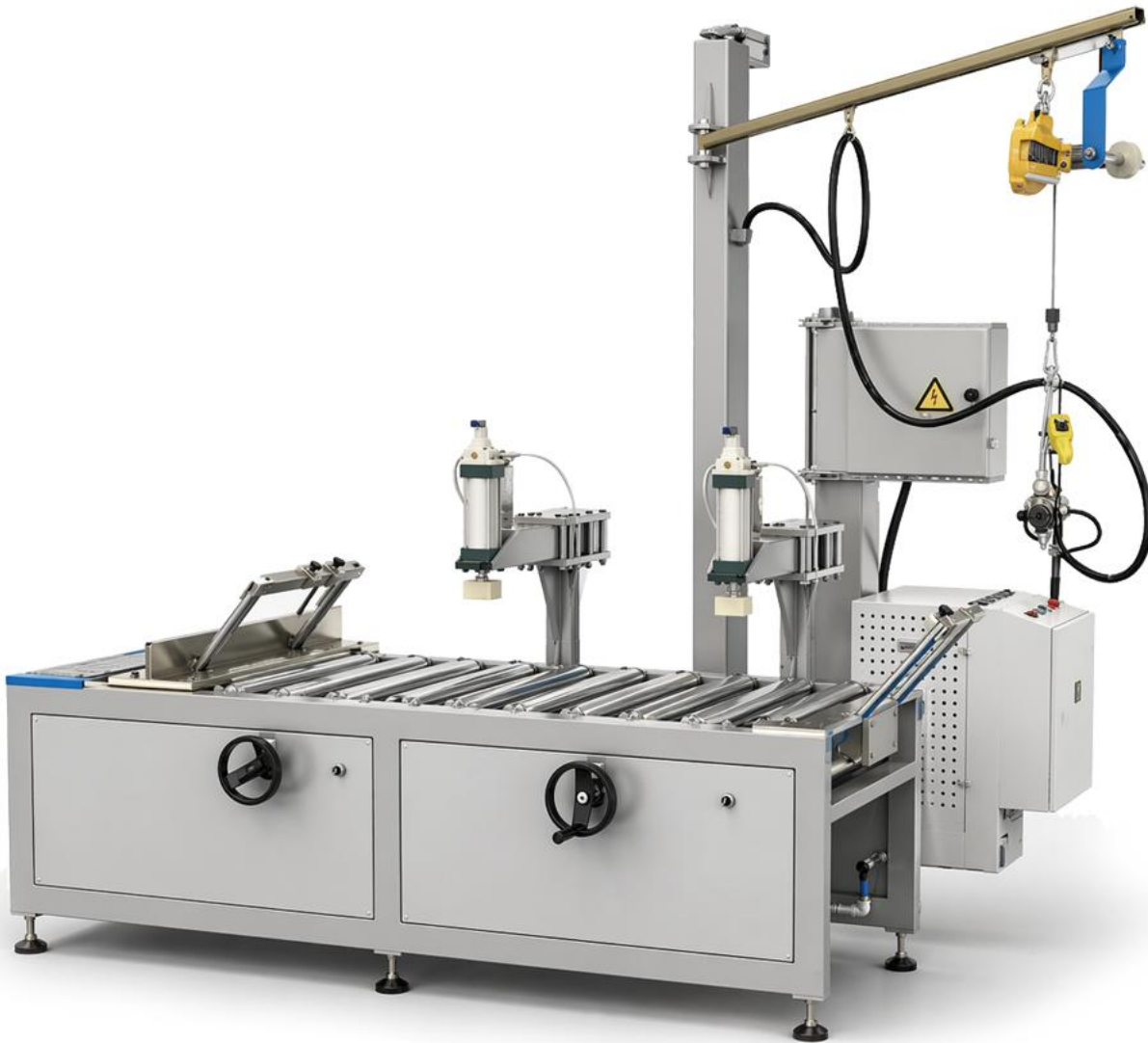
BUSBAR ELBOW PROCESSING MACHINE

母线槽弯头装配平台

Compact Bus Duct Elbow Assembly Platform **Model: WX-BD-EAP-1500**

产品介绍 Product Introduction

Designed for the assembly of compact bus duct elbows. The machine adopts a combined double-slide-rail design and is equipped with clamping devices and a riveting gun rotating unit, making operation convenient and suitable for various elbow sizes.



设备特点 Features

- Combined double-slide-rail design for wide application
- Independent control of clamping devices
- Movable upper and lower clamping units for flexible assembly
- Standard with riveting gun rotating device and swing arm design
- Suitable for most bus duct elbow assembly requirements

主要参数 Main Parameters

Model: WX-BD-EAP-1500	Clamping Devices: 4 sets
Platform Size: 2500 × 2000 mm	Min. Elbow Size: 300 mm
Overall Height: 2900 mm	Max. Elbow Size: 1500 mm
Platform Height: 800 mm	

Double Slide Rails | Flexible Clamping | Stable Assembly | Wide Application

MEDIUM AND HIGH VOLTAGE BUSBAR COPPERALUMINUM CONDUCTOR PROCESSING MACHINE (NINE-STATION PROCESSING)

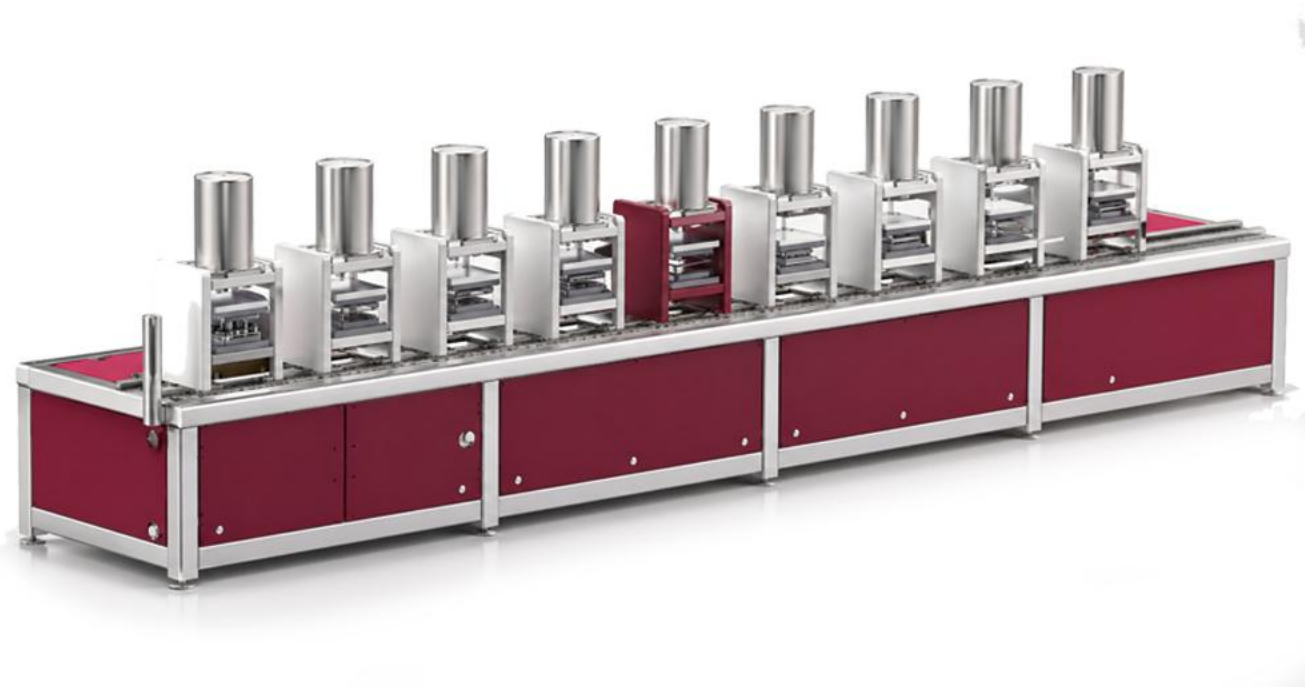
中高压母线槽导体加工线9工位

Medium & High Voltage Bus Duct Conductor 9-Station Processing Machine

Model: WX-BD-MH9-800

产品介绍 Product Introduction

Designed for the processing of copper and aluminum conductors used in medium and high voltage bus duct systems. With a 9-station integrated design, the machine reduces frequent mold changing and improves production efficiency.



设备特点 Features

- 9-station integrated design
- Stable performance and easy operation
- Less mold changing, higher efficiency
- Suitable for copper and aluminum conductor processing

主要参数 Main Parameters

Voltage: AC380V+N / 50Hz	Stations: 9
Motor Power: 7.5 kW	Dimensions: 6000 × 1000 × 1600 mm
Pressure: 800 kN	

工位功能 Station Functions

4 punching stations	1 chamfering station	1 embossing station
2 bending stations	1 pressing station	

9 Stations | Less Mold Change | Multi-Function | Higher Efficiency

RIVET REMOVER

铆钉去除器

Product Introduction Model: MR-100

产品介绍 Product Introduction

The MR-100 Manual Rivet Removal Tool is designed for efficiently and safely removing rivets from various components in manufacturing and maintenance operations. It is an essential tool for applications where rivets need to be extracted without damaging surrounding materials or components.



设备特点 Features

- Efficient Rivet Removal: Ergonomically designed to easily remove rivets of different sizes and materials, ensuring smooth and clean extraction.
- Durable Construction: Made with high-quality steel and robust components, ensuring long-lasting performance in demanding environments.
- User-Friendly Design: Manual operation allows for precise control and minimal effort while maintaining the safety of the surrounding materials.
- Versatile Use: Suitable for use in a wide range of applications including assembly lines, maintenance workshops, and other industrial settings.
- Compact and Portable: Lightweight and easy to handle, making it ideal for both stationary and fieldwork applications.
- Safety Features: Designed with safety in mind to prevent accidental injuries during operation.

主要参数 Main Parameters

Material: High-strength steel construction.	Manual Operation: No external power required.
Weight: 2.5 kg.	Rivet Size Compatibility: Suitable for rivets from 3mm to 10mm in diameter.
Dimensions: 400mm x 100mm x 100mm.	

This tool is perfect for any workshop or manufacturing environment where rivets need to be carefully removed without the risk of damaging the workpiece.