IGCNC

INDUSTRIAL SOLUTIONS



PRODUCT SERIES

METAL WIRE PROCESSING SERIES

PROCESS COVERAGE

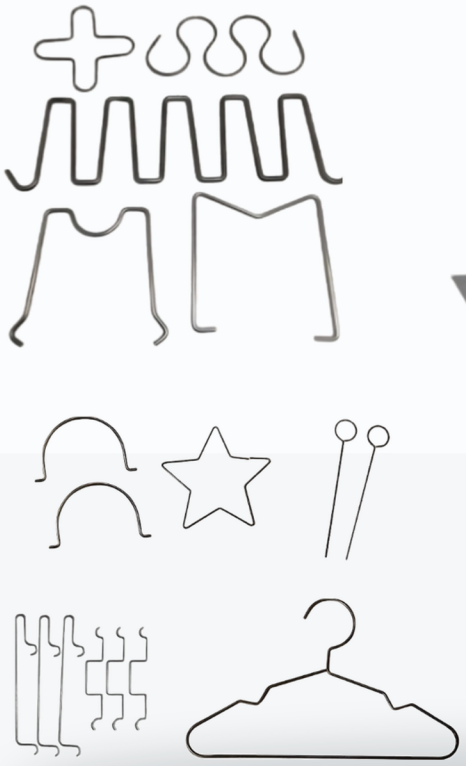
- WIRE STRAIGHTENING & CUTTING
- WIRE BENDING
- WIRE FORMING
- WELDING & MESH

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2D WIRE BENDING MACHINE

A CNC wire forming solution for producing dimensional wire shapes, frames and formed components from straightened wire material.

PROCESS | FEEDING · STRAIGHTENING · BENDING





01

BEST FOR

FLAT FORMS

Choose for two-dimensional wire frames, hooks and planar shapes.

02

WORKFLOW

FEED + BEND

Combines straightening, feeding, cutting and bending in one workflow.

03

APPLICATIONS

WIRE PRODUCTS

Used for hardware, household parts, baskets and custom wire forms.

3D WIRE BENDING MACHINE

A CNC wire forming solution for producing dimensional wire shapes, frames and formed components from straightened wire material.

PROCESS | FEEDING · STRAIGHTENING · BENDING



01

BEST FOR

3D FORMS

Choose for spatial wire components with multiple bend directions.

02

CONTROL MODE

CNC

Useful when repeatability and multiple programmed shapes are needed.

03

APPLICATIONS

FORMED PARTS

Used for automotive, furniture, display racks and wire assemblies.

FIXED-CUT WIRE STRAIGHTENING AND CUTTING MACHINE

Wire straightening and cutting equipment for preparing fixed-length wire before bending, welding, mesh making or forming work.

PROCESS | STRAIGHTENING · LENGTH SETTING · CUTTING



01

WIRE RANGE

1-8 mm

Practical range varies by model, material and feeding configuration.

02

CUTTING MODE

FIXED LENGTH

Built for stable wire preparation before downstream production.

03

APPLICATIONS

WIRE PREP

Used for hardware wire, construction wire and forming line supply.

HIGH-SPEED WIRE STRAIGHTENING AND CUTTING MACHINE

Wire straightening and cutting equipment for preparing fixed-length wire before bending, welding, mesh making or forming work.

PROCESS | STRAIGHTENING · LENGTH SETTING · CUTTING



01

WIRE RANGE

1-5 mm

A practical reference range for small and medium wire preparation.

02

CUTTING MODE

HIGH SPEED

Designed for efficient repeated cutting of straightened wire.

03

APPLICATIONS

WIRE PREP

Used before nail making, mesh welding and wire forming processes.

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MINI HIGH-SPEED WIRE STRAIGHTENING & CUTTING MACHINE

Wire straightening and cutting equipment for preparing fixed-length wire before bending, welding, mesh making or forming work.

PROCESS | STRAIGHTENING · LENGTH SETTING · CUTTING



01

MACHINE TYPE

COMPACT

A small-footprint wire preparation machine for flexible workshops.

02

WIRE RANGE

SMALL WIRE

Suitable for lighter wire materials and short batch production.

03

APPLICATIONS

HARDWARE

Used for small hardware, craft wire and auxiliary production tasks.

TRACK-CUT WIRE STRAIGHTENING AND CUTTING MACHINE

Wire straightening and cutting equipment for preparing fixed-length wire before bending, welding, mesh making or forming work.

PROCESS | STRAIGHTENING · LENGTH SETTING · CUTTING



01

CUTTING MODE

TRACK CUT

Track-following cutting helps support longer continuous feed workflows.

02

OUTPUT

FIXED LENGTH

Prepares straightened wire sections for downstream manufacturing.

03

APPLICATIONS

LINE SUPPLY

Used before bending, welding, forming and mesh production lines.

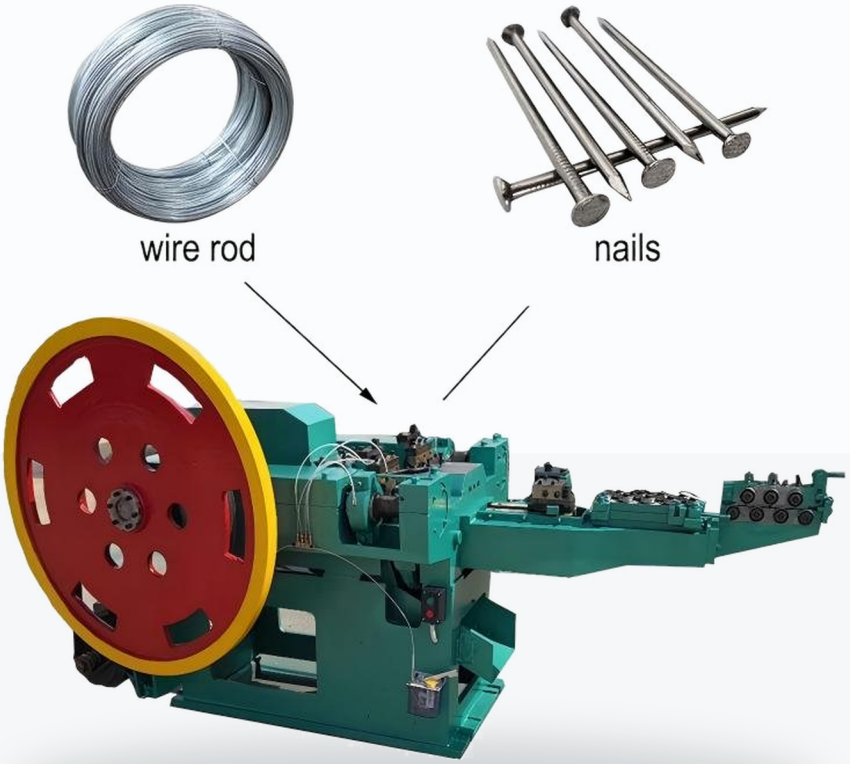
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AUTOMATIC NAIL MAKING MACHINE

Nail production equipment for forming common nails, brad nails and fastener products from prepared wire material.

PROCESS | WIRE FEEDING · CUTTING · NAIL FORMING



01

PRODUCT TYPE

NAILS

Supports common nail or brad nail production according to machine type.

02

PRODUCTION

AUTOMATIC

Designed for continuous feeding, cutting and forming operations.

03

APPLICATIONS

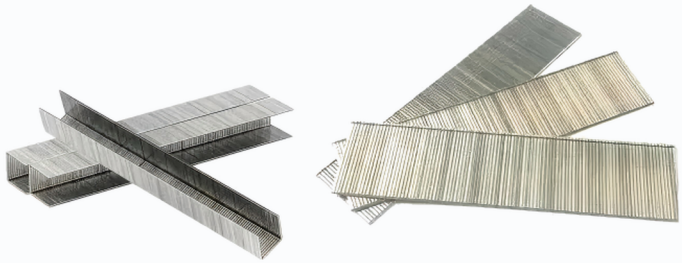
FASTENERS

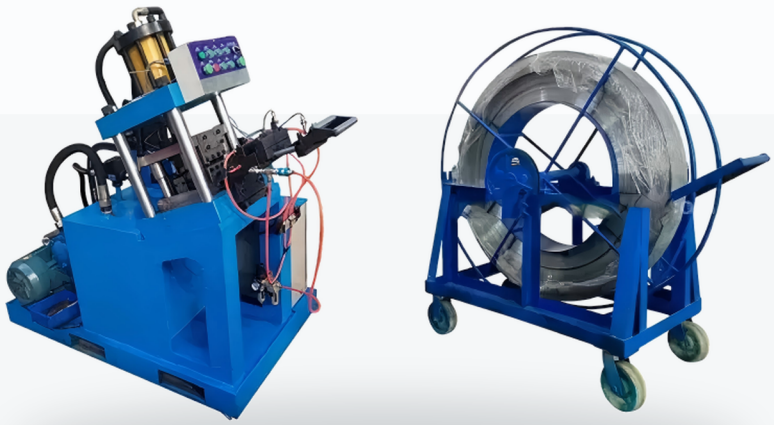
Used in construction, furniture, packaging and hardware production.

F/T BRAD NAIL MAKING MACHINE

Nail production equipment for forming common nails, brad nails and fastener products from prepared wire material.

PROCESS | WIRE FEEDING · CUTTING · NAIL FORMING





01

NAIL TYPE

F / T BRAD

Designed for narrow brad nail and furniture fastener production.

02

PRODUCTION

AUTOMATIC

Supports continuous feeding and forming for repeat fastener output.

03

APPLICATIONS

FURNITURE

Used for upholstery, cabinetry, packaging and wood product fastening.

HIGH-SPEED AUTOMATIC NAIL MAKING MACHINE

Nail production equipment for forming common nails, brad nails and fastener products from prepared wire material.

PROCESS | WIRE FEEDING · CUTTING · NAIL FORMING



01

PRODUCT TYPE

NAILS

Supports common nail or brad nail production according to machine type.

02

PRODUCTION

AUTOMATIC

Designed for continuous feeding, cutting and forming operations.

03

APPLICATIONS

FASTENERS

Used in construction, furniture, packaging and hardware production.

CNC SPIRAL REBAR FORMING MACHINE

Wire ring and spring forming equipment for circular wire parts, spiral products and formed wire components.

PROCESS | FEEDING · FORMING · OPTIONAL WELDING



01

FORMING TYPE

SPIRAL

Suitable for spiral rebar and circular reinforcement forming.

02

MATERIAL

REBAR / WIRE

Built for heavier forming work than small wire machines.

03

APPLICATIONS

CONSTRUCTION

Used for piles, columns, cages and reinforcement components.

CNC SPRING FORMING MACHINE

Wire ring and spring forming equipment for circular wire parts, spiral products and formed wire components.

PROCESS | FEEDING · FORMING · OPTIONAL WELDING



01

FORMING TYPE

SPRING

Designed for spring-style and shaped wire forming work.

02

CONTROL MODE

CNC

Supports programmable forming paths for repeat production.

03

APPLICATIONS

WIRE SHAPES

Used for springs, hooks, clips and formed wire components.

HYDRAULIC AUTOMATIC RING MAKING MACHINE

Wire ring and spring forming equipment for circular wire parts, spiral products and formed wire components.

PROCESS | FEEDING · FORMING · OPTIONAL WELDING



01

OUTPUT

RING / SPRING

Suitable for circular wire parts, spiral rebar and spring-style products.

02

DRIVE OPTION

SERVO / HYD

Machine structure can match different forming and budget needs.

03

APPLICATIONS

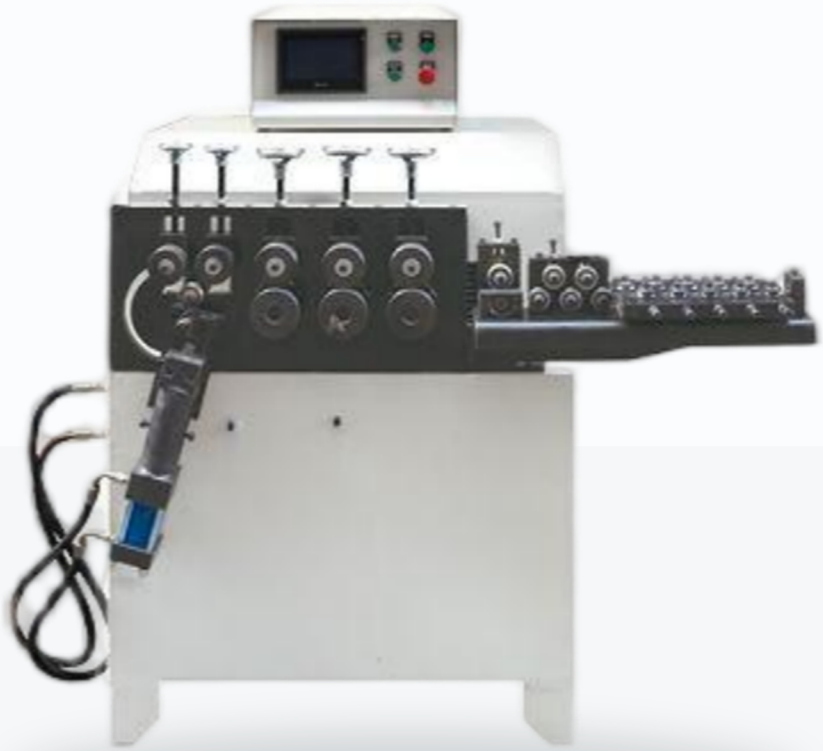
WIRE PARTS

Used for hardware rings, cages, support frames and shaped wire products.

SERVO AUTOMATIC RING MAKING MACHINE

Wire ring and spring forming equipment for circular wire parts, spiral products and formed wire components.

PROCESS | FEEDING · FORMING · OPTIONAL WELDING



01

OUTPUT

RING / SPRING

Suitable for circular wire parts, spiral rebar and spring-style products.

02

DRIVE OPTION

SERVO / HYD

Machine structure can match different forming and budget needs.

03

APPLICATIONS

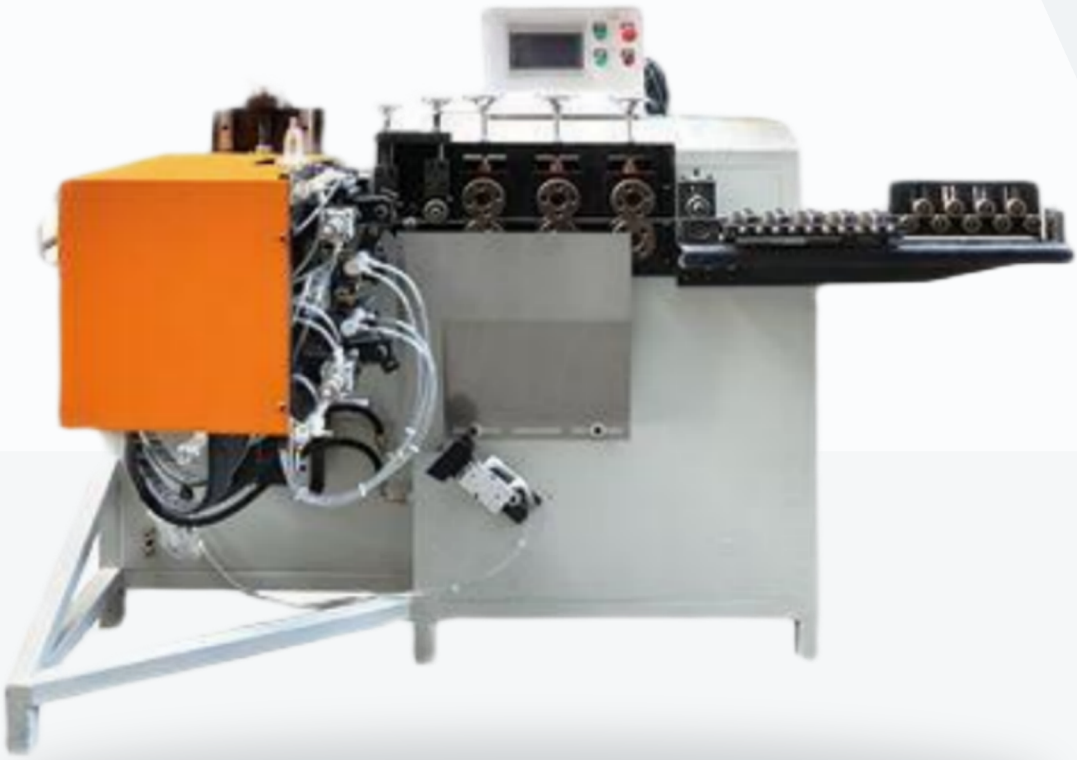
WIRE PARTS

Used for hardware rings, cages, support frames and shaped wire products.

WIRE RING MAKING MACHINE WITH BUTT WELDING

Wire ring and spring forming equipment for circular wire parts, spiral products and formed wire components.

PROCESS | FEEDING · FORMING · OPTIONAL WELDING



01

PROCESS

FORM + WELD

Integrates ring forming with butt welding for closed wire rings.

02

OUTPUT

WIRE RINGS

Suitable for ring parts used in hardware and support structures.

03

APPLICATIONS

CAGES / FRAMES

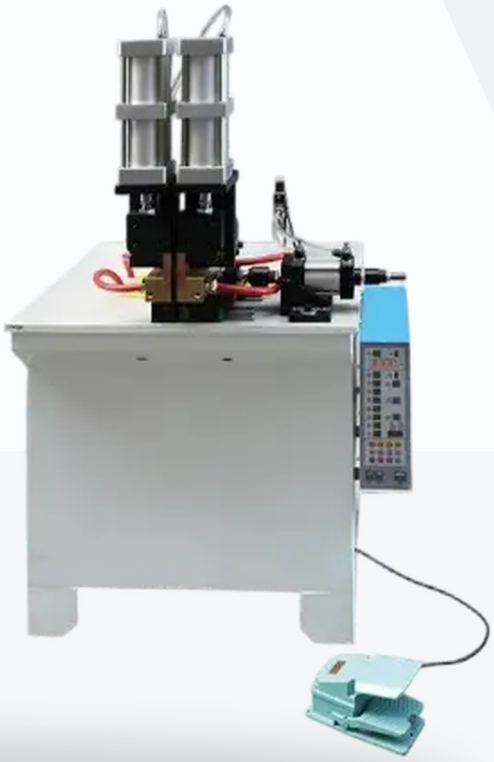
Used for cages, baskets, guards and round wire assemblies.

BUTT WELDING MACHINE

Wire welding equipment for mesh panels, spot welding and wire joining applications in construction and metal product production.

PROCESS | POSITIONING · WELDING · PANEL FORMING





01

WELDING TYPE

BUTT WELD

Used for joining wire ends into continuous or closed-loop material.

02

SETUP

STANDALONE

Can support ring making, wire preparation and repair workflows.

03

APPLICATIONS

WIRE JOINING

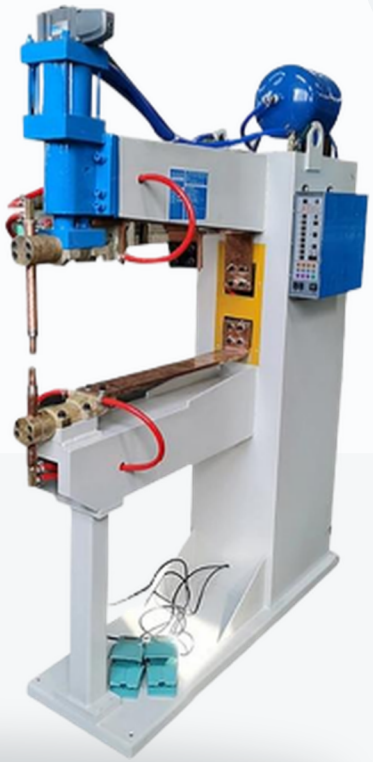
Used for wire rings, frames, mesh line repair and wire extension.

SPOT WELDING MACHINE

Wire welding equipment for mesh panels, spot welding and wire joining applications in construction and metal product production.

PROCESS | POSITIONING · WELDING · PANEL FORMING





01

WELDING TYPE

MESH / SPOT

Covers mesh welding, resistance spot welding and wire joining work.

02

SETUP

MODULAR

Can work as a standalone welder or part of a wire production line.

03

APPLICATIONS

WIRE PANELS

Used for mesh panels, guards, frames and welded wire assemblies.

WIRE MESH WELDING MACHINE

Wire welding equipment for mesh panels, spot welding and wire joining applications in construction and metal product production.

PROCESS | POSITIONING · WELDING · PANEL FORMING



01

WELDING TYPE

MESH / SPOT

Covers mesh welding, resistance spot welding and wire joining work.

02

SETUP

MODULAR

Can work as a standalone welder or part of a wire production line.

03

APPLICATIONS

WIRE PANELS

Used for mesh panels, guards, frames and welded wire assemblies.