



220V 380V Automatic Bending Roller Hydraulic 3 Roller Plate Bending Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Certification: M.2020.206.C6366
- Model Number: HU3R-6m/8m/12m/16m/20m
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Delivery Time: 90 days
- Payment Terms: L/C, T/T, D/P, D/A
- Supply Ability: 1 Set/Sets Every 15~35 days



Product Specification

- Machine Name: Automatic Plate Rolling Machine
- Product Application: Plate Metal Rolling
- CNC Control System: SIEMENS CNC/Delta PLC NC
- Machine Voltage: 220V/380V/415V/440V/customized
- Product Color: Customization
- Machine Main Motor: SIEMENS Motor
- Laser Aligning System: Plate Squaring
- Machine Oil Pump: Sunny Pump
- Machine Roller: 42CrMo / C45 Solid Forging Roller
- Machine Reducer: Peika Planetary Reducer
- After-sales Service: Online Support/Video Technical Support
- Machine Motor Power: 5.5 - 30
- Machine Plate Yield Limit: 245 MPA
- Product Selling Point: Competitive Price
- Product Value-added: Presented Two Years Warranty



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Product Description

Automatic bending roller Hydraulic three-roller plate rolling machine

→ Product Introduction:

GENUO 3 Roller Plate Rolling Machine can pre bend the plate edge like a plate bending machine and can rotate the pressing roller to feed the plate;The movement of all three rollers shall be positioned according to the needs of rolling, pre bending and rounding (the upper pressing roller bends the plate by hydraulic lifting indenter like a bending machine; the two side pressing rollers move horizontally independently and change the geometric position according to the needs of forming);It can achieve high rolling accuracy and roundness;The sheet is fed horizontally, and the feeding end is always horizontal;The three pressing rollers can be tilted according to the geometric angle of the cone to realize the cone rolling.

→ Advantages of Genuo :

1. The production process meets the highest standards to ensure exceptional quality and perfect detail. During the delivery period, we can customize high-performance solutions and timely after-sales service for you.
2. GENUO provides a variety of tooling solutions to meet your different production needs. Not only that, we are also experts in the field of bending tools. If you have any special bend, our engineers will customize special tools for each workpiece.
3. We are an ODM and OEM company that can produce machines according to the specifications, designs, and customer requirements of world-renowned brands.
4. Whatsmore, We have professional technology, advanced processing equipment, scientific quality management, continuously improving production capacity and creativity, which lay a solid foundation for the sustainable development of our company.

→ Product Configuration:

Standard Equipment	Optional Equipment
▲ Delta PLC NC controller,screen display	△ SIEMENS CNC control system
▲ 42CrMo solid forging roller	△ Central and side supports
▲ Schneider & Omron electrical components	△ Automatic loading and unloading systems
▲ YUKEN hydraulic valves, NO.K seal ring	△ Motorised feeding and squaring tables
▲ NSK double-row spherical roller bearing	△ Side motorised rolls
▲ Tamagawa precision rotary encoder	△ Provision for hot rolling
▲ SIEMENS main motor,Sunny pump	△ Integrated welding system
▲ Peika planetary reducer	△ Automatic lubrication system
▲ Mobile wheel mounted control console	△ Automatic ejector
▲ Centralised manual lubrication	△ Customized colors

→ Machine Detail :

CNC ROLLING MACHINE



Working Roller



Electrical Components

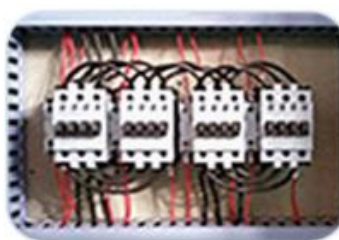


CNC Control System

Structure Details



Powerful data storage and recall functions. Hundreds of programs for various specifications of automated rolling. The system is compatible with manual operation programs and can be manually operated when needed.



Hydraulic element selects the import high quality products, guarantee the stability of the hydraulic system.



The transmission part consists with powerful motor, gearbox and other accessories.

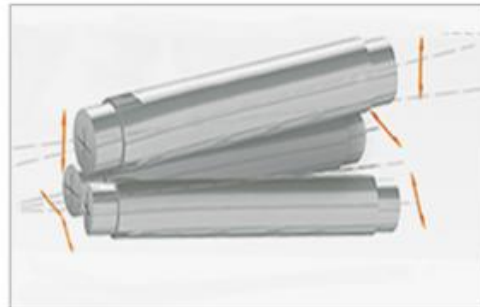


Release device :Hydraulic dropend for easy removal of finished ferrule.

The top roller is designed as drum shape, Bend a metal material into a perfect cylinder.

Each input and output port of the hydraulic system is provided with correspondina detection points, which are convenient for maintenance and fault checking.

Main Structure



The machine support roller is installed in the lower part of the lower roller, so that the sheet and thick plate material form a perfect cylinder, with a tapered bending device, easy to taper bending, multi-functional bending process, such as high-precision pre-bending, simple digital control, special bending.

Function Application



→ Machine Parameters :

Model	Max. thickness of plate (mm)	Max. width of plate (mm)	Max. thickness of pre-bend (mm)	Plate yield limit (MPa)	Upper roller diameter (mm)	Lower roller diameter (mm)	Motor power (kW)	Dimension (L×W×H)(mm)
HU3R-6X2000	6	2000	4	245	180	180	5.5	4010x1410x1530
HU3R-6X2500	6	2500	4	245	190	190	7.5	4510x1410x1530
HU3R-8X2000	8	2000	6	245	190	190	7.5	4010x1410x1530
HU3R-8X2500	8	2500	6	245	240	220	11	4700x1620x1810
HU3R-8X3200	8	3200	6	245	260	250	15	5500x1620x1810
HU3R-12X2000	12	2000	8	245	240	220	11	4250x1620x1810
HU3R-12X2500	12	2500	8	245	260	230	15	5200x1700x1500
HU3R-12X3200	12	3200	8	245	280	260	22	5700x1700x1500
HU3R-16X2500	16	2500	12	245	280	260	22	5200x1700x1500
HU3R-16X3200	16	3200	12	245	360	340	30	6500x1800x2100

HU3R-20X2000	20	2000	16	245	280	270	22	4700x1700x1500
HU3R-20X2500	20	2500	16	245	340	310	30	5800x1800x2100



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