



Fully Automatic Mini Pure Electric Servo CNC Press Brake 200mm 400mm 600mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Certification: M.2019.206.C3862
- Model Number: ES-3T/6T/12T
- 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

- Product Name: Mini Electric-Servo Cnc Bending Machine
- Application: Stainless Steel Metal Sheet Plate Bending
- Controller: Genuo Self-developed
- CNC Control System: ETC-10
- Voltage: 220V/380V/415V/440V/customized
- Color: Customer Choose
- Main Motor: 2 KW/
- Bending Material: Metal .Stainless Steel .Aluminum. And So On
- Tools And Clamps: GENUO,China
- After-sales Service Provided: Online Support Video Technical Support
- Core Selling Point: Eco-friendly Small
- Value-added Services: Presented Two Years Warranty
- Degree Of Automation: Fully Automatic
- Bending Length: 200mm /400mm/600mm



MINI PRESS BRAKE

Mini Pure Electric Servo Series

- PURE ELECTRIC**
 Electric cylinder replaces oil cylinder for better performance, faster and accuracy.
- ENVIRONMENTAL**
 Eco-friendly, Clean, pollution-free, no need to use and replace hydraulic oil.
- ENERGY SAVING**
 Automatic output of appropriate power, less power consumption, can save 60%-70% energy
- STABILIZE MACHINE**
 Servo motors ensure stable control and high-precision bending, reducing maintenance and reduce machining time.
- EFFICIENCY & UNIVERSAL**
 Electric servo press brake is versatile and designed for bending thin metal sheet.



Machine Introduction :

If you have to define Genuo mini series pure electric servo CNC Press Brake in three words, it must be innovation, reliability, and productivity.

Electric Press brakes will quickly respond to your production requirements and are renowned for their high precision and performance. The newly designed small CNC press brake is simple and easy to use, with both speed and accuracy, and can meet the requirements of both household and commercial use. You can fully master this machine within two hours!

The pure electric mini press brake has several advantages: Firstly, this machine uses Electric cylinder replaces oil cylinder for better performance Secondly, this machine adopts Genuo's self-developed CNC controller to create maximum production value with minimal cost Thirdly, this machine is manufactured as a whole and has a long service life. In addition, all components of this machine use well-known foreign brand accessories; Fourthly, this machine are environmental protection and energy saving.

This is an excellent environmentally friendly bending machine for small workpieces. With this machine, you can easily bend workpieces, very fast and convenient. 3T~20T optional.

→ Product Configuration:

Standard Equipment:

- < GENUO ETC-10T CNC control.
- < Dual iron casting cage frame.
- < High precision Y and X-axis.
- < HIWIN linear guide rail.
- < Japan NACHI bearing.
- < Schneider electrical components.
- < German IF heavy-duty ball screw.

Feature:

- < Delem DA-53T, DA-66T, ETC-16T CNC control.
- < 2 axis backgauge with R-axis or mutli Axis.
- < DSP or Keli Lasersafe protection guard.
- < Automatic lubrication system.
- < Double sided quick release clamps.
- < Bending tools management cabinet .
- < 3~12Tons and 200~600mm Lenght options.

CNC CONTROLLER

☉ GENUO ES-10T CNC Control

ES-10T is a new generation of performance bending control system of GENUO dedicated to electric servo press brakes.

The controller has rich interfaces, Configure an easy-to-use angle and back gauge automatic control program.

Powerful multi program storage and calling make bending of different complex workpieces more convenient. Featured encoder handwheel configuration.

The machine can be easily adjusted in any mode.



STRUCTURE DETAILS

▼ High precision ball screw

Genuo Pure Mini series press brakes use German IF heavy-duty ball screws to ensure the efficiency of the machine, maximize productivity and achieve high-precision bending operation.



▼ Electronic Control System

The electrical control system consists of several electrical components, including control system, power supply system, etc.

The main functions are: automatic control, protection, monitoring and measurement. They cooperate with each other, greatly reducing the failure rate, is an important part of the stable operation of the machine and safe operation.



▼ Servo Motor

Compared with other motors, servo motors have the significant advantages of energy saving, environmental protection and pollution-free, accurate and quiet operation, fast slider speed, high production efficiency and low maintenance cost.

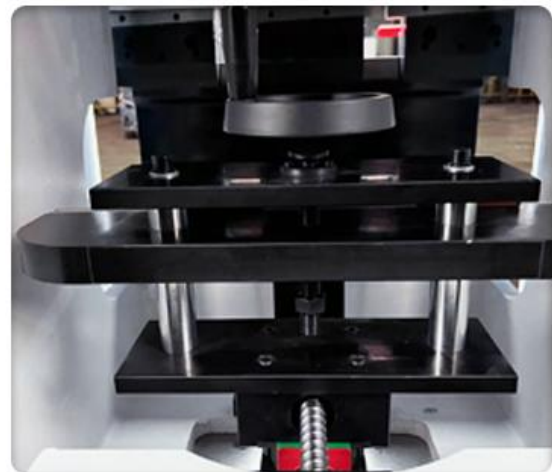
The servo motor driven bending machine does not use hydraulic oil to transfer pressure, avoid affecting the operating accuracy and speed, and is also more suitable for temperature and longterm high load processing environment.



▼ Backgauge System

Backgauge is a mechanical system whose main function is to interact with the CNC controller of the press brake to precisely position the metal material for bending and forming.

Establishing the right Back-gauge for your project will allow for increased part production and accuracy, and GENUO technicians are happy to help you with any questions about your project requirements.



▼ Tooling and Clamps

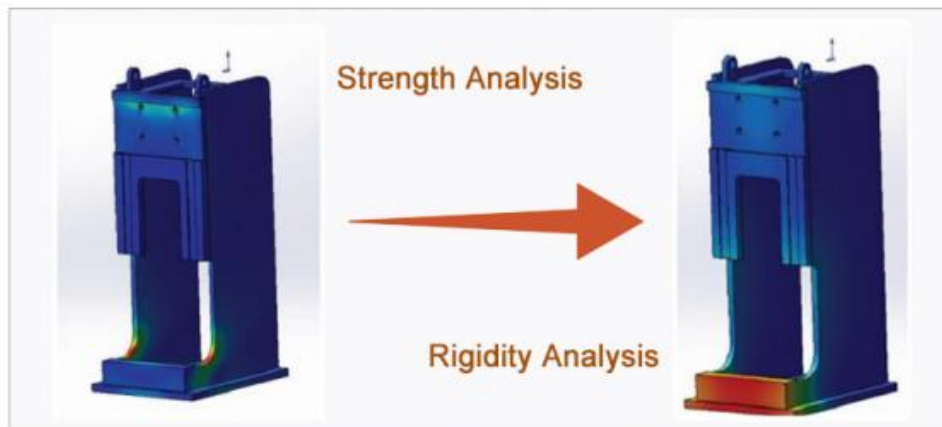
Pure Series Press Brake comes standard with Genuo accessories such as quick clamps and quick change top punches to save time.

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, improve your productivity and business benefits.



MACHINE ADVANTAGE



The key mechanical parts of the machine tool adopt finite element analysis to analyze the deformation and safety factor; so as to ensure the high rigidity requirements of the whole machine tool and the reliability of long-term use.

OPTIONAL CONFIGURATION



Delem Controller Optional

New generation of DA-Touch controls offers a higher level of efficiency in programming, operation and control.

DA-66T offers 2D programming, including automatic bending sequence calculations and collision detection, 3D visualization in simulation and production.

DA-58T is an advanced complete 2D graphic control solution for synchronous press brake servo and inverter control.

DA-53AT features industrial-grade multi-touch technology, high-resolution color TFT, industrial-grade multi-touch technology and access to a proven Delem user interface.

- Technical Specifications -

Pure Electric servo Series Mini Press Brake			
Machine Parameter	ES-3T200	ES-6T400	ES-12T600
Bending Force	30 KN	60 KN	120 KN
Bending Length	200 mm	400 mm	600 mm
Column Distance	300 mm	370 mm	450 mm
Throat Depth	/	160 mm	200 mm
Stroke	120 mm	120 mm	120 mm
Open Height	420 mm	420 mm	420 mm
Approach Speed	200 mm/s	200 mm/s	200 mm/s
Working Speed	1~30 mm/s	1~30 mm/s	1~30 mm/s
Return Speed	200 mm/s	200 mm/s	200 mm/s
Main motor	2 KW	3 KW	5.5 KW
Dimensions	700x700x1980 mm	750x750x1980 mm	850x850x2080 mm
Weight	350 KG	600 KG	800 KG



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