

Our Product Introduction

A tall, white industrial machine, likely a vertical lathe or mill. It features a control panel with a screen and buttons on the left side. The machine has a large, open front door revealing internal components. It is mounted on a sturdy base with four legs and casters. The brand name "GENUO" is visible on the top left.

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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.



Standard Equipment	Optional Equipment
◆ GENUO ETC-10T CNC control.	◇ Delem DA-53T, DA-66T, ETC-16T CNC control.
◆ Dual iron casting cage frame.	◇ 2 axis backgauge with R-axis or multi Axis.
◆ High precision Y and X-axis.	◇ DSP or Keli Lasersafe protection guard.
◆ HIWIN linear guide rail.	◇ Automatic lubrication system.
◆ Japan NACHI bearing.	◇ Double sided quick release clamps.
◆ Schneider electrical components.	◇ Bending tools management cabinet.
◆ German IF heavy-duty ball screw.	◇ 3~12Tons and 200~600mm Length 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.



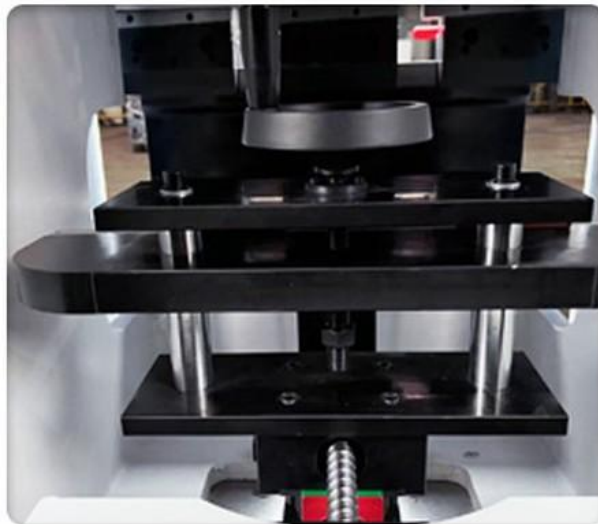
▼ Servo Motor

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 long-term 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

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 Specification

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

Other Machine From Genuo



LASER CUTTING MACHINE



SHEARING MACHINE



HANDHELD WELD MACHINE

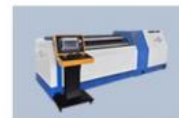


PLATE ROLLING MACHINE

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