



## Carbon Steel Press Brake with Bending Shaping Mode and 10 Mm/s Ram Speed

### Our Product Introduction

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#### Basic Information

- Place of Origin: M.2019.206.C3862
- Brand Name: GENUO
- Certification: China
- Model Number: ESC-40T/63T/80T/100T



#### Product Specification

- Max Open: 450mm
- Valve: Bosch
- Material: Carbon Steel
- Shaping Mode: Bending
- Bending Force: 40T~600T
- Coler: Customered
- Product: Press Brake Tooling
- Ram Speed: 10 Mm/s
- Highlight: **carbon steel press brake,  
press brake with bending mode,  
press brake 10 mm/s ram speed**

## Product Description

### Product Description:

The Hydraulic CNC Press Brake is a versatile machine tool used for bending sheet metal with precision and efficiency. With a shaping mode of bending, this CNC Hydraulic Press Brake is equipped to handle a wide range of bending applications in various industries. Featuring a Ram Speed of 10 mm/s, the CNC Press Brake Machine ensures quick and accurate bending operations, increasing productivity in the manufacturing process. The high Ram Speed allows for faster cycle times, reducing lead times for production. Equipped with a Bosch valve, the Press Brake Tooling guarantees reliable and precise control over the bending process. The advanced hydraulic system with the Bosch valve ensures consistent performance and durability, making it ideal for heavy-duty applications. One of the key highlights of this CNC Hydraulic Press Brake is its impressive Bending Force range of 40T to 600T. This wide range of Bending Force capabilities allows the machine to handle a variety of materials and thicknesses, making it suitable for diverse bending requirements.

Whether you are working with thin sheets or heavy-duty materials, the CNC Press Brake Machine offers the flexibility and power needed to achieve accurate bends with ease. Its precise control and high bending force make it a valuable asset for metal fabrication shops, automotive industries, and other manufacturing sectors.

Designed for efficiency and accuracy, the Hydraulic CNC Press Brake is equipped with advanced features to streamline the bending process. From automated backgauge systems to intuitive CNC controls, this machine offers enhanced precision and repeatability in bending operations.

With its robust construction and high-performance capabilities, the CNC Hydraulic Press Brake is a reliable and cost-effective solution for bending metal components with precision and consistency. Whether you are producing prototypes or large-scale batches, this press brake tooling delivers superior results every time.

Invest in the CNC Press Brake Machine to elevate your metal fabrication capabilities and meet the demands of modern manufacturing processes. With its innovative technology and versatile performance, this hydraulic press brake is the ideal solution for achieving high-quality bends and maximizing efficiency in your production operations.

### Features:

Product Name: Press Brake

Color: Customered

Material: Carbon Steel

Bending Force: 40T~600T

Shaping Mode: Bending

Product: Press Brake Tooling

### Technical Parameters:

Material	Carbon Steel
Bending Force	40T~600T
Color	Customered
Valve	Bosch
Product	Press Brake Tooling
Ram Speed	10 Mm/s
Max Open	450mm
Shaping Mode	Bending

### Applications:

GENUO press brake models ESC-40T, ESC-63T, ESC-80T, and ESC-100T are versatile machines designed for precision bending operations. These CNC press brakes are suitable for a wide range of product application occasions and scenarios due to their advanced features and capabilities.

One common application scenario for GENUO press brakes is in the metal fabrication industry, where they are used for bending carbon steel sheets with high accuracy and efficiency. The hydraulic CNC press brake technology ensures consistent and precise bending results, making it ideal for producing various metal components with complex shapes.

Another key application area for GENUO press brakes is in the manufacturing of automotive parts. The CNC tandem press brake feature allows for simultaneous bending operations, increasing productivity and reducing production time. This is particularly useful in mass production scenarios where speed and accuracy are crucial.

Furthermore, GENUO press brakes find extensive use in the aerospace industry for bending carbon steel components used in aircraft structures. The CNC capabilities of these machines enable operators to program intricate bending sequences, ensuring that each part meets the stringent quality standards required in the aerospace sector.

Additionally, GENUO press brakes are well-suited for the production of precision equipment in the electronics industry. The ability to bend materials up to 450mm in length makes these machines ideal for creating custom enclosures and housings for electronic devices.

Overall, whether it's in a metal fabrication workshop, automotive manufacturing plant, aerospace facility, or electronics assembly line, GENUO press brakes offer the reliability, precision, and efficiency required to meet the diverse bending needs of modern industries.



**Maanshan Genuo Machinery Manufacturing Co., Ltd.**



0086 555 7168598



[sales@genuogroup.com](mailto:sales@genuogroup.com)



[genuocnc.com](http://genuocnc.com)

Wanda Center 1116, Yushan District, Maanshan, Anhui, China 243000