



TANDEM TPB Series CNC Press Brake , Brake Metal Bending Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Payment Terms: L/C, T/T, D/P, D/A

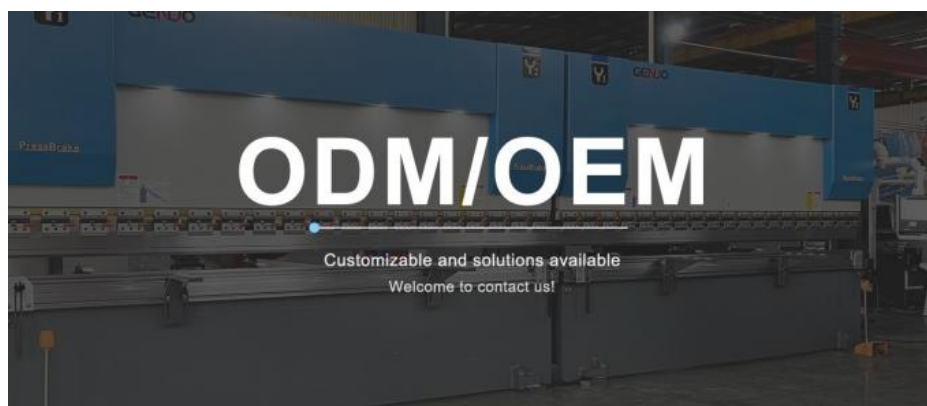


Product Specification

- Features: Large Tempering Furnace To Eliminate Internal Stress, Frame With One-time Processing Molding For Stability And Strength, Proportional Valve Control Hydraulic Cylinder For Synchronous Work, Holland Delem DA58T CNC Controller, Bosch Rexroth Valve And Servo Motor
- Brand: GENUO
- Model: TANDEM TPB Series
- Type: CNC Press Brake
- Highlight: **TPB CNC Press Brake,
TANDEM CNC Press Brake,
TPB brake metal bending machine**

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Product Description



Products Description

GenuoTandem TPB series CNC synchronous series press brake adopts 2 sets of WE67K Pro series CNC press brake of the same specification, which is suitable for bending longer sheets, especially the sheets with a length of more than 8 meters. The 2 machines can bend independently, with high production efficiency. The excellent double motor linkage synchronization device can be used to process ultra-long workpieces. It can also be operated separately to improve production efficiency. The well-known brand DELEM controller is used, and the defect compensation device is also installed. In addition, the machine can be customized according to customer requirements, different models can also be combined in series selection, it can work together on 2 different sizes of machines through reasonable design bending longer parts.



WE67K Configuration Details:

Standard Equipment	Optional Equipment
◆ CYBELEC CybTouch 12 CNC Control	◇ Delem DA-58T,ESA S640,DA-66T,ETC-16T
◆ Mono block welded rigid to deflection and high tensile steel frame	◇ 2 axis back gauge with R-axis
◆ High precision Y1,Y2 axis closed-loop synchronized feedback	◇ Z1,Z2 Joy stick control back gauge fingers
◆ Accurate heavy-duty X axis back gauge system	◇ DSP or SDKELI Laser front guard options
◆ Auto Motorized crowning system/Hydraulic cylinder crwoning	◇ Energy saving and low noise main servo motor drive
◆ European-style punch and 4V/2V/1V Dies	◇ WILA type top and bottom tool clamping system
◆ Fast punch clamps and movable sliding front support	◇ Bending tools management cabinet or trolley
◆ BOSCH Rexroth hydraulic system,GIVI linear encoder	◇ Special heights, Daylight, Throat Depth are available
◆ SIEMENS main motor,Sunny pump,Schneider Electric	◇ 40~400 Tons and 4~20ft Bending Lengths options
◆ EMB ferrule type pipe connector, NO,K sealing rings	◇ Single/Tandem/Trio optional

Main machine Configuration

DELEM DA-53T CNC System Control :

- ✓ 1. "Hot-key" touch navigation and 10.1" high resolution colour TFT
- ✓ 2. Crowning control and Up to 4 axes (Y1,Y2 +2 aux axs)
- ✓ 3. Tool / material /product and Profile-53TL offline software
- ✓ 4. library Servo and frequency inverter control and Integrated valve amplifier

- ✓ 5. Advanced Y-axis control and algorithms for closed-loop as well as open-loop valves.
- ✓ 6. TandemLink (option) and USB memory stick interfacing

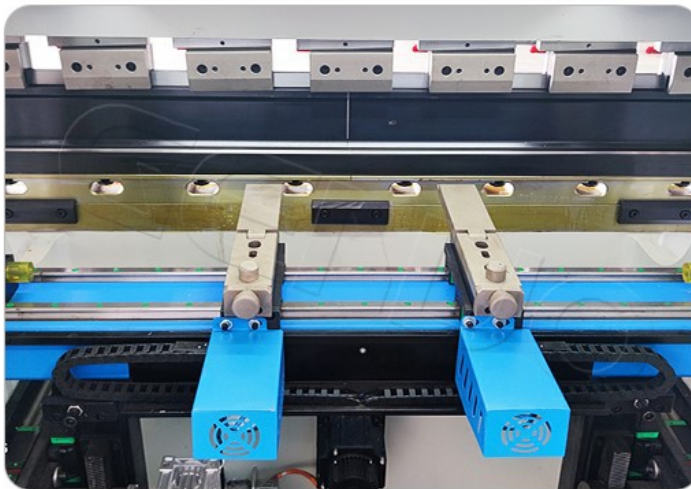


The Backgauge System :

Establishing the right back gauge for your projects will allow for increased part production and precision.

From intricate parts which typically require more axes to large quantities that require more time and therefore increased cost, the correct back gauge for each job is essential to lowering costs per part which ultimately benefits your bottom line.

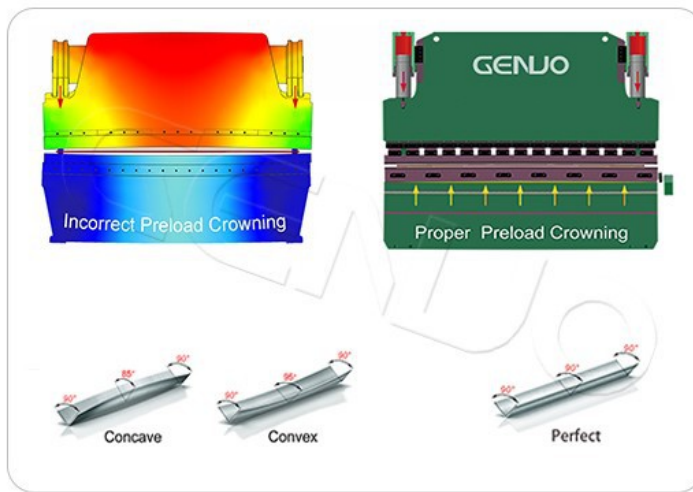
GENUO technicians are happy to assist you with any questions you may have on your project requirements.



CNC Auto Crowning Systems :

To confirm a constant bend angle, manual or CNC crowning is essential which will offset potential deviations and allow for possible tooling wear to maintain parallel contacting surfaces.

CNC crowning systems allow the press brake control to be pre-programmed with machine characteristics and deflection data. Adjust the calculate and setting accordingly for different characteristics of different materials.



Genuo fast clamping systems and tools :

1. Genuo Promecam /EURO Style presses are standard for all series of press brakes.
2. Safe and fast
3. Upgradeable GENUO One-Key Double-Sided Or Amada SGRIP Double-Sided Clamps

GENUO offers a variety of tool solutions to meet your different production needs. Our engineers will customize special tools for each workpiece to help you greatly increase productivity and business benefits.



Linear Encoder Feedback

The deformation is measured accurately and compensated



Stable Electrical Cabinet

Durable France Schneider electrics ensure the stable operation



Superior Hydraulic System

Integrated Rexroth hydraulic system, quick response.



Powerful Force

guarantee the machine service life and improve the machine

Optional Configuration



1

LASER Safety Guards

DSP LASER protects the press brake operator from the danger of crushing that can take place accidentally between the moving part of the machine and the fixed one.

It assures to carry out the machine working cycle penalizing its execution time in the least.

2

Auto Tool Clamping System

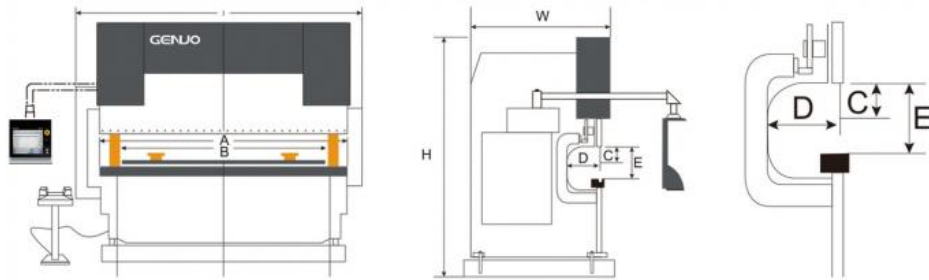
WILA'S state of the art Clamping systems can offer the ultimate solution when it comes to efficiently changing tools both hydraulic and Pneumatic. Accuracy and ergonomics have been coordinated to realize the highest level of productivity.

3

CNC Sheet Follower

This CNC bending support suitable for all kinds of large sheet metal, especially thin metal sheet. Perfect to maintain synchronization with the sheet during the bending process, improves bending efficiency and reduces operator risk.

Products Parameter



Model	Nominal Pressure (KN)	Length of Table (mm)	Distance Between Columns (mm)	Throat Death (mm)	Open Height (mm)	Ram Strokes (mm)	Motor Power (kw)	Approx Weight (kg)	Overall Dimension (L x W x H)(mm)
40T/1600	400	1600	1250	300	420	150	4	3000	1950*1750*2350
80T/2500	800	2500	1960	320	480	200	5.5	5500	3850*1850*2550
100T/3200	1000	3200	2600	400	600	320	7.5	8500	3850*1850*2600
125T/4000	1250	4000	3200	400	600	320	11	10000	4610*1850*2700
160T/3200	1600	3200	2600	400	600	320	11	10500	3900*1900*2600
200T/4000	2000	4000	3200	400	600	320	15	14000	4700*1900*2700
600T/6000	6000	6000	4900	500	600	320	45	55000	6500*2910*5100

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