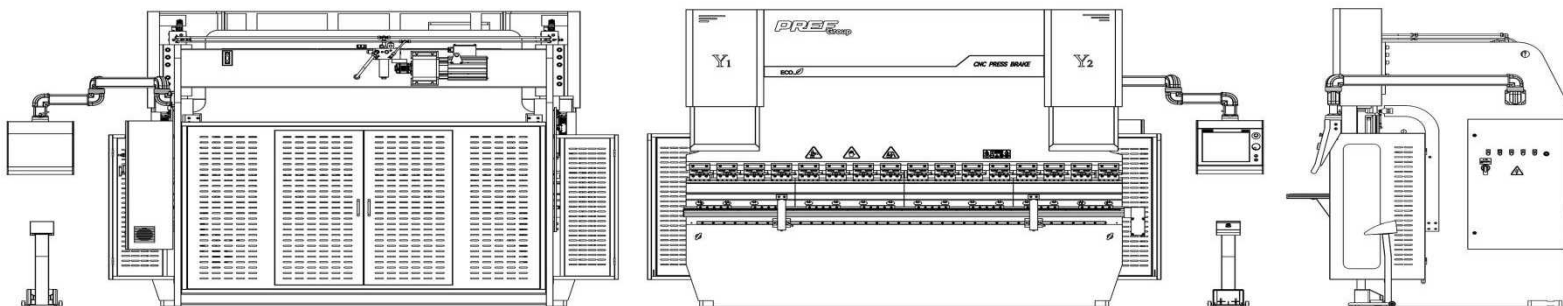


NC Press Brake

Estun E21



Technical Parameters



NO.	Item	Unit	100T/3200mm
1	Bending Force	KN	1000
2	Bending Length	mm	3200
3	Column Spacing	mm	2655
4	Throat Depth	mm	320
5	Slider Stroke	mm	150
6	Max Open Height	mm	410
7	Main Motor Power	KW	7.5
8	Weight	T	6200
9	Length	mm	3500
10	Width	mm	1600
11	Height	mm	2400

NO	Item	Quantity	Brand
1	Control system	1set	Estun E21
2	Main motor	1set	Siemens
3	Hydraulic pump	1set	SUNNY
4	Hydraulic valve	1set	BOSCH-REXROTH
5	Ball screws and linear guides	1set	HIWIN
6	Main electrical components	1set	Schneider
7	Sealing ring	1set	NOK
8	Connector	1set	Germany
9	Oil cylinder	1set	Taifeng

Delem **CYBELEC**
INFRANOR GROUP COMPANY**ESTUN****NOK****SIEMENS****HIWIN®****rexroth**
A Bosch Company**Schneider**
 **Electric** **WILA**
SINCE 1932

CNC Control System

Estun E21 Controller

- ✓ Back gauge control
- ✓ Control the common motor or inverter
- ✓ X&Y-axis intelligent positioning
- ✓ Multi-step programming, 40 programs, each program 25 steps
- ✓ Built-in time relay function
- ✓ One-button function switching
- ✓ Unilateral positioning function
- ✓ A key backup and restore of parameters
- ✓ Chinese and English
- ✓ Metric system



Machine Back Gauge



CNC X-axis Precise Positioning

- ✓ The X-axis uses linear guides and ball screws, driven by servo motors, to ensure the precise positioning of the X-axis.
- ✓ The cross beam is equipped with double linear guide rails, and the blocking fingers move smoothly with high parallel accuracy.
- ✓ The finger block has the function of adjusting the height and supports fine adjustment.
- ✓ The user can adjust it arbitrarily according to the specific situation.



The Finger Moves Smoothly

Double linear guide rails are installed on the cross beam, and the parallel precision of the stop fingers is high.



Ball Screws and Linear Guides

The X-axis uses thickened linear guides and ball screws.

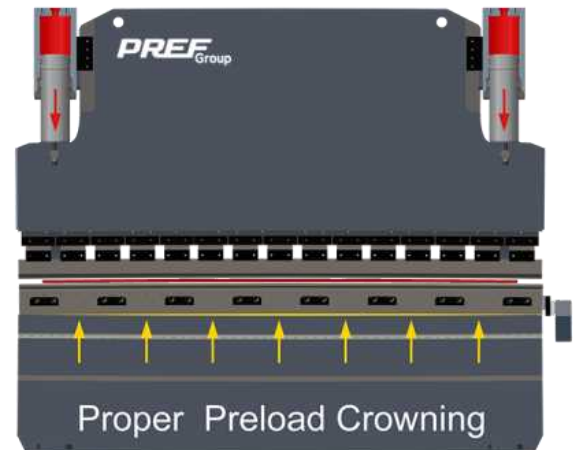


X Axis Motor

Control the movement of the backgauge in the X-axis direction.

Perfect Bending Angle Assurance

- ✓ What is a compensation axis? Crowning System?
- ✓ The Crowning System is designed to fix the problem of unequal bending angles

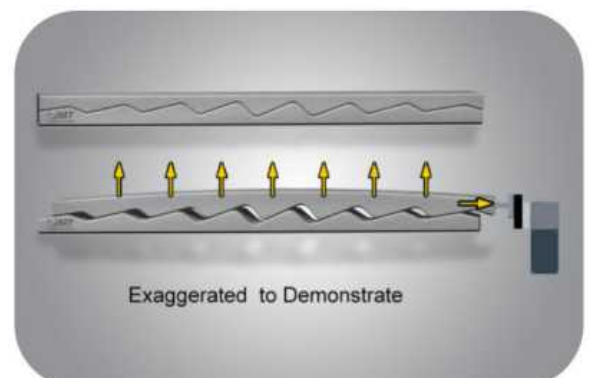


Automatic Crowning System

- ✓ Different from traditional point compensation, Domino-style equalized compensation method
- ✓ make perfect equalized bending angle.

Features:

- ✓ Equalized compensation, perfect bending angle
- ✓ Control by CNC control system

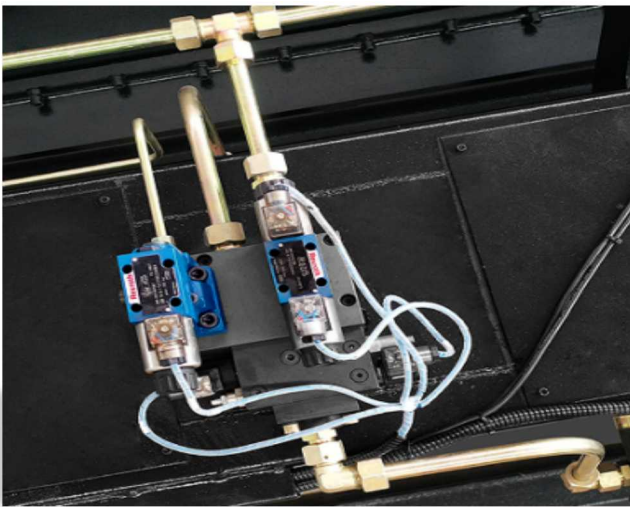


Machine Configuration



Main Motor

Use Siemens motor to ensure the machine service life and lower the working noise.



Hydraulic System

- ✓ USA PARKER/Japan NOK Sealing ring to improve oil cylinder service life and ensure long term use without leakage.
- ✓ Germany Bosch-Rexroth integrated hydraulic system, hydraulic transmission, balance and reliable, integrated design can significantly minimize the trouble caused by hydraulic oil leakage.



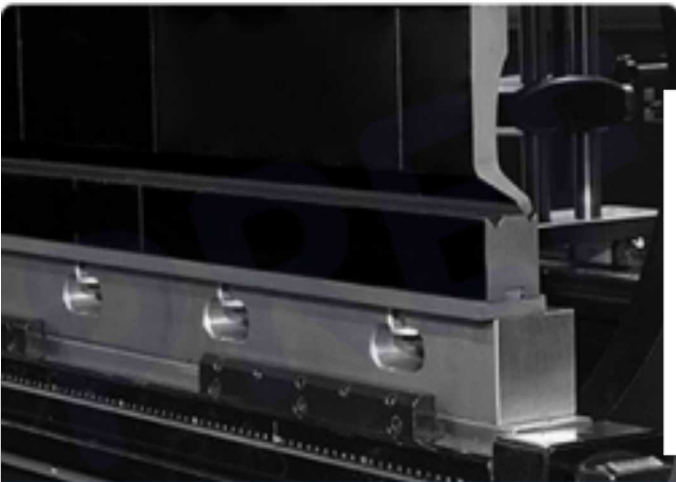
Oil Pump

Use USA sunny oil pump to ensure the pump service life and lower the working noise.



Quick Clamps

Mechanical quick clamps of upper die is more safe when changing the die.



42CrMo Tooling

The press brake dies are made by 42CrMo steel, and the temperature of heat treatment up to 220 °, ensuring the dies service life.



Schneider Electric Components

High quality electric parts can perform well even the electricity is not stable and customers can easily get the replacement anywhere in the world.

Optional Configuration



Italy DSP Laser Protection



Photoelectric protection
(safety light curtain)



Bending machine protection device



Follow-up front support



Industrial air conditioner



Hydraulic oil air cooler



Multi-V mold



Mold hydraulic clamping



Increase the opening height
and heighten the mold

Company Introduction

23 YEARS EXPERIENCE

Founded in **2001**, has rich production experience and strong production strength

SUPER FACTORY SCALE

- ✓ **40+** Billion Dollar Processing Equipment.
- ✓ **300+** Employees
- ✓ **50+** Engineers

WIDE RANGE PRODUCTS

Powerful production capabilities can satisfy the demands for up to **12000T** press brake and **50KW** laser cutting



The 6 CNC floor-standing boring and milling machines are used to process the machine body, ensuring the machine's ultra-high precision and guaranteeing delivery time.



The 24-meter-long CNC floor-standing boring and milling machine processes the entire body of the large machine, ensuring the ultra-high overall precision of the large machine.

All machine bodies are tempered and use stress relief annealing technology to ensure no deformation of the bed and eliminate the internal stress caused by welding the machine bodies. Allowing the machines to operate for a long time with high precision, this process will increase costs by 10%.



The 12 CNC machining centers produce machine parts to ensure high precision and on-time delivery.

After Sales Service

✓ OEM Service

Customize them according to the practical use of customers.

✓ Spare Parts & Consumables

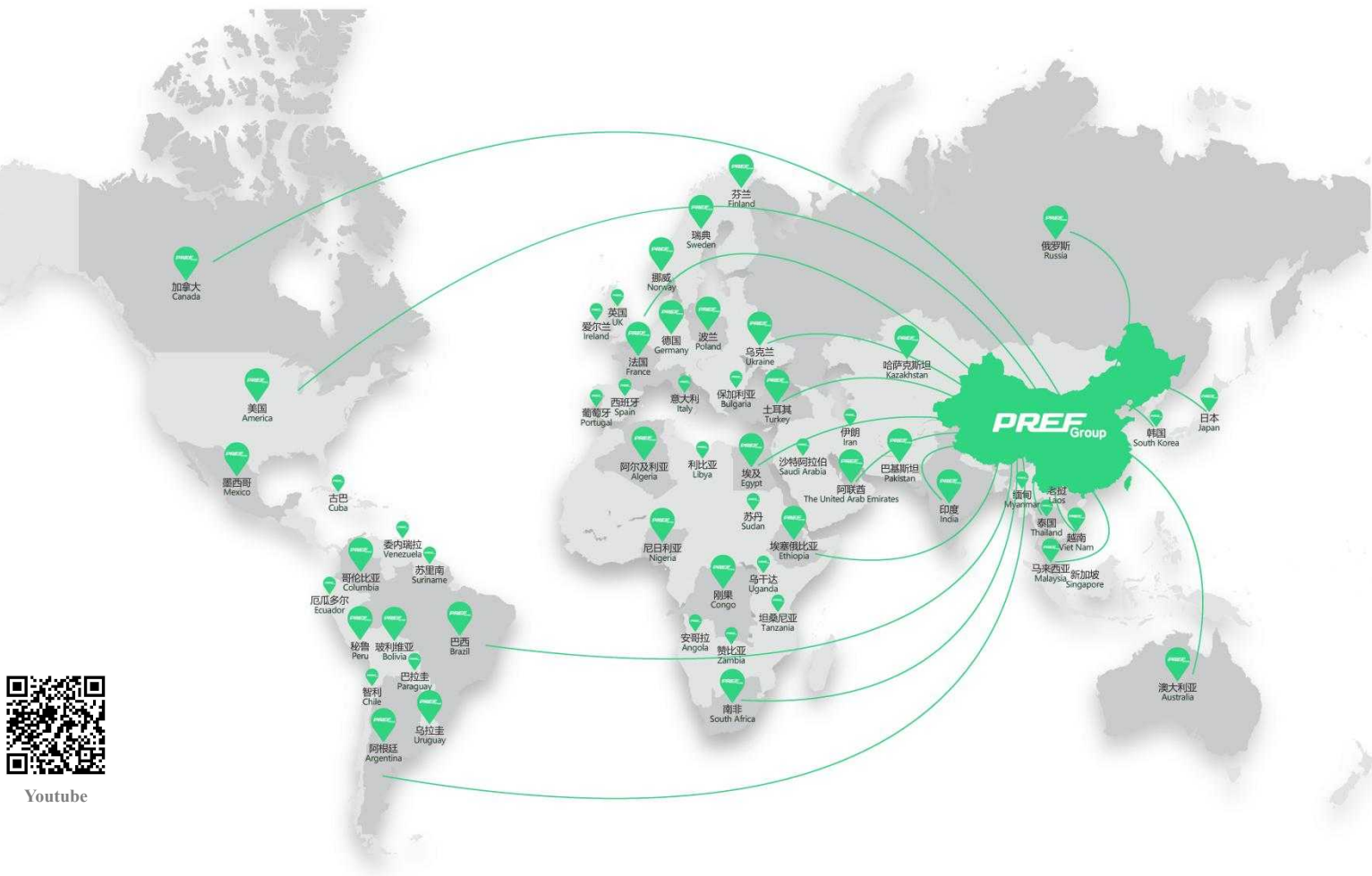
We have current spare parts and consumables available for you with fast delivery.

✓ Technical Support

We have a professional technical team to provide solutions for the bending and cutting process.

✓ Training Service

Our engineer have long experience in the field of sheet metal machines and have an answer on every question regarding metal bending and cutting.



Youtube