



Sheet Metal Machinery Experts >

# PRODUCT CATALOGUE



**Reliable Sheet Metal Equipment Trader**

Telephone: +20 114 986 3107  
+20 101 243 6993

E-mail: [sales@emar-eg.com](mailto:sales@emar-eg.com)

Website: [www.emar-eg.com](http://www.emar-eg.com)

Address: C2, Industrial Complex  
10th of Ramadan City, Asharquia, Egypt

[www.emar-eg.com](http://www.emar-eg.com)

# PM-ECO SERIES

Full Servo Electric CNC  
Press Brake

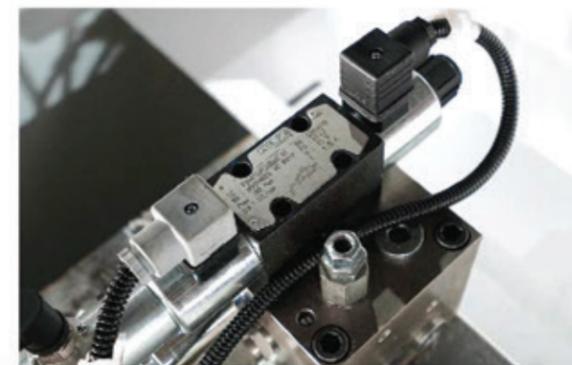
## Delem DA53T

- > The new compact DA-53T adds a state-of-the-art complete touch control solution for synchronized press brakes.
- > Offering easiest CNC programming based on the Delem graphical touch screen user interface.



## Environmentalist Technology...

The ECO series is an all-electric transmission mode, and the servo motor drives the screw. It has the highest precision and the fastest processing efficiency among various series of bending machines. The patented software has good compatibility. The use is still accurate, different from the traditional bending machine that does not need oil, and the motor only runs when it is working, energy-saving, environmentally friendly and clean, and has better adaptability for customers who have higher requirements for the plant environment.



### Hydraulic System

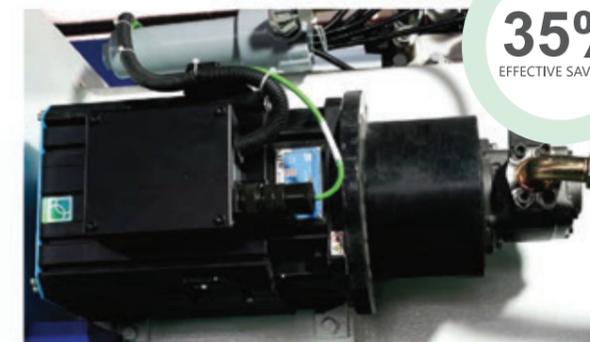


- > High Performance Servo Valve System: HAWE, Germany  
Full closed-loop synchronous control, high-speed and stable operation of the machine tool.



### MECHANICAL CROWNING (OPTIONAL)

- > The compensation closed-loop control has high control accuracy, and the compensation amount is automatically calculated and set by the NC system to ensure the consistency of the full-length bending angle.



### SERVO MOTOR

- > Using servo motor as the main power source of hydraulic pump can save about 40% energy
- > The overall efficiency of the slider increases by about 7-20%  
Oil temperature can be reduced by about 10-20 °C



# ECO-GREEN WS67K SERIES

Servo Pump Control  
CNC Press Brake



## Environmentalist Technology...

Recently, EMAR has focused on researching and manufacturing high efficiency and energy saving press brake, ECO-GREEN/WS67K are according to international trend with environmental protection, energy-saving and low carbon manufacturing, which will bring you a whole new experience, rich returns and significantly enhance product quality.

High frequency valve control technology, high dynamic response and precision. Servo motor control oil pump, motor speed flexible adjustment, greatly reduce the hydraulic overflow and reduce hydraulic oil temperature. Suitable for all kinds of high precision and efficient bending processing.



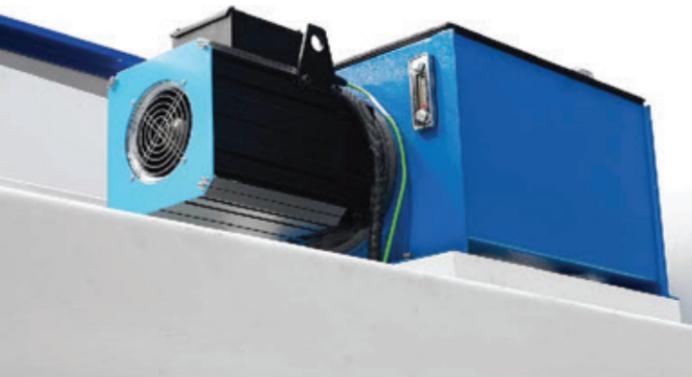
**Energy Conservation**  
Save more than 50% of the electricity



**Green Environmental Protection**  
Little oil or without oil



**Low Failure Rate**  
Less hydraulic fault, lower error and maintenance



### Solutions Based on Your Needs

- ▶ Oil Tank Capacity Reduced By 70%
- ▶ Duty Cycle Reduction 10%
- ▶ Energy Efficiency 50% Up
- ▶ High Stability And Long Service Life



**Grating Ruler**  
GMI MISURE  
(Italy)



**Safety Guards**  
MSD LASER  
(Italy)

**Delem**

**DA-53T**

- > The new compact DA-53T adds a state-of-the-art complete touch control solution for synchronized press brakes.
- > Offering easiest CNC programming based on the Delem graphical touch screen user interface.



### Safety fence

- > New and practical protected device
- > Compliance to protect operator safety

# GENIUS WE67K SERIES

Hydraulic Synchronize  
CNC Press Brake (8+1 axes back gauge)



**Steel Construction Body**  
High sensitivity, Stress relieved steel construction body



**Stable and Reliable**  
Frame welding structure is adopted as a whole, with high rigidity



**Configuration**  
Safe and accurate bends with Top quality configuration

## Delem DA66T

- > The DA-66T offers 2D programming that includes automatic bend sequence calculation and collision detection.
- > Full 3D machine set-up with multiple tool stations giving true feedback on the product feasibility and handling.



### CNC Follower Supports

- > When the workpiece is bent, the support plate can realize the turning following function. The following angle and speed are automatically calculated and controlled by the NC system, and can move left and right along the linear guide rail.

## High Sensitivity Maximum Productivity...

Production time is the most important profit factor for businesses. The GENIUS/WE67K series have been designed to reduce the unit time costs and to be your most important power in your business with its fast and quality production capability in a competitive environment.

Movement range of the upper beam and the daylight opening have been increased in the GENIUS/WE67K series. Thus, the user is provided as a standard with the possibilities of obtaining deep bends by use of longer dies, taking the bent parts easily from the front side of the machine and easily bending the Z type parts with long boarder by use of high bottom tools.

### Solutions Based on Your Needs

- ▶ Electro hydraulic servo system
- ▶ Precise bending result at fast speed
- ▶ Maximized speed and safety
- ▶ 8+1 axes back gauge



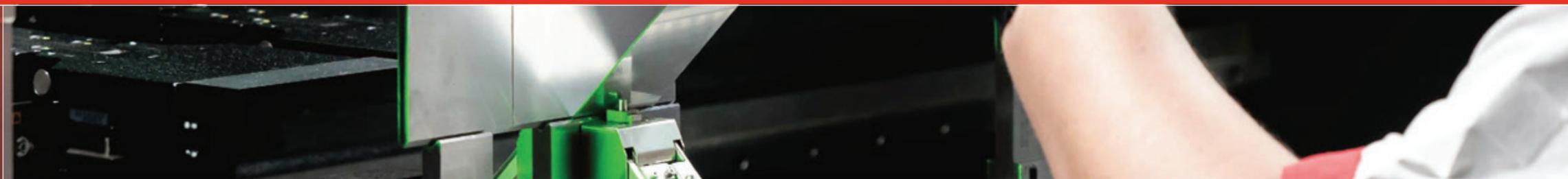
**Fast Clamping System**  
Fast and easy to change the tooling  
Decreasing labour strength and enhance productivity



**Optical Safety Guards**  
Optical safety guards offers a highly effective solution for both operator safety and machine productivity

# SMART WE67K SERIES

Hydraulic Synchronize  
CNC Press Brake



## Configure For Your Needs...

SMART/WE67K series pressbrake is one of the best-selling machine, with advantage of high efficiency, high precision and high stability.

Integrated into the modern aesthetic concepts of new industrial design, high quality production process, simple and generous appearance. The latest high frequency response hydraulic control technology, faster speed, higher efficiency and more stable precision. Optimizing the validation for the treatment frame and rigidity of whole machine, researching and applying the hydraulic compensation struction, ensure SMart/WE67K series precision bending processing.

**New Industrial Design**  
High quality production process,  
Simple and generous appearance

**High Speed**  
Servo motor drive, fast  
running speed

**CE Safety Standards**  
Servo motor drive, fast  
running speed



### Solutions Based on Your Needs

- ▶ Electro hydraulic servo system
- ▶ High cost performance
- ▶ Low failure rate
- ▶ Stable and reliable



**Valve Group**  
Bosch Rexroth  
(Germany)



**Valve Group**  
Hawe(Optional)  
(Germany)



**Oil Pump**  
Sunny  
(USA)

## Delem DA-53T

- > The new compact DA-53T adds a state-of-the-art complete touch control solution for synchronized press brakes.
- > Offering easiest CNC programming based on the Delem graphical touch screen user interface.



### Front Support

- > Movable front support system, to help you to bend, - make a comfortable and efficient working.

# Benefits of EMAR Press Brakes

## More Flexible Bending

- ▶ DAYLIGHT
- ▶ STROKE
- ▶ THROAT
- ▶ ACCURACY
- ▶ HIGH SPEED

All our brakes are designed for high performance. Five key design features will increase your productivity and decrease your per part cost.

Design innovations based on our years of experience have resulted in faster and more accurate speeds on the ram approach, bending, return and back gauge positions.



### Dual Hydraulic Cylinders

- > Dual hydraulic cylinders located on either side of the ram provide faster approach speeds.
- > The cylinders are synchronized to provide smooth motion resulting in precise ram positions to accuracies of .0004"



### Higher Quality Press Brake Tooling

- > Whole hardened high precision CNC press brake tooling, it is durable.



### Main Motor

- > The press brake adopts the world-famous brand motor, which not only has low noise when the machine works, but also has long service life.

### Servo Main Motor Below 1000T (including)

- > Using servo motor as the main power source of hydraulic pump can save about 40% energy



### ESVP Double Servo Pump Control

- > High efficiency and energy saving, oil tank capacity reduced by 70%.
- > Fast-performance and duty cycle reduction 10%.
- > Compared with the traditional system, energy efficiency 50% up.
- > The positioning accuracy of precision-up to 5µm Integrated servo pump.
- > Lower-noise at work integrated pressure filters ensures high stability and long service life.



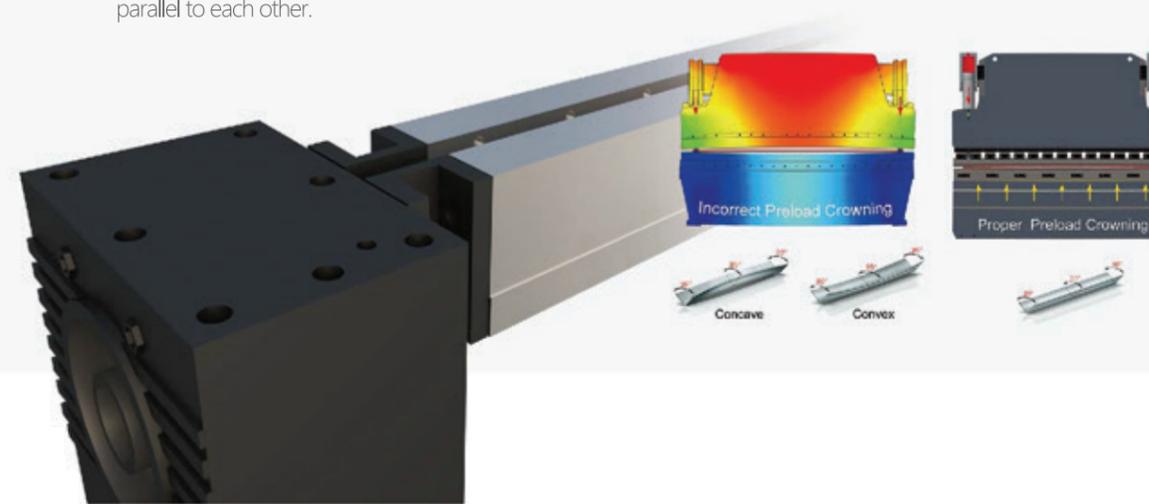
### High Precision Backgauge

- > The backgauge adopts ball screw lever and high-end servo motor to ensure high-speed and stable operation and durability.

## Crowning Systems

Manual and CNC crowning ensures a constant bend angle across the full length of the machine. This is achieved by pre loading the machine, to offset any possible deflection under load or compensate for any tool wear, so that under load contacting surfaces are parallel to each other.

With CNC crowning systems the press brake control is programmed with machine characteristics and deflection data. With manual crowning a simple spread sheet or chart can be easily developed for each application.

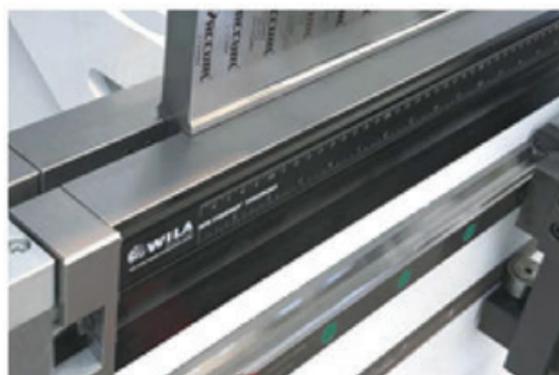


# Higher Configuration Powerful Function



### WILA NEW STANDARD AND CLAMPING SYSTEMS

> Innovative and super-fast clamping systems for clamping punches to the upper beams of press brakes. The Universal Press Brake Concept (UPB) makes it possible to install New Standard and Clamping Systems on any press brake.



### WILA NEW STANDARD CROWING AND HOLDERS

> WILA Crowning systems fully compensate for the deflection in press brakes. This results in a consistent bending angle across the entire length of the machine. WILA New Standard Crowning Systems utilize a series of patented adjustable wedges known as Wila Waves.



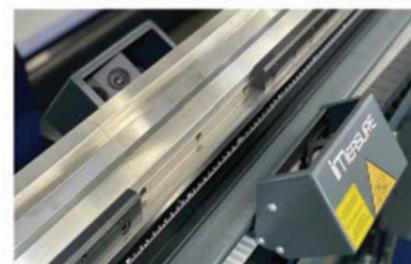
### CNC FOLLOWER SUPPORTS AP1 + AP2

> It basically consists of a pair of sheet supports placed on the front of the machine at the height of the bending line (bottom tool).  
> Supports are controlled by the CNC, following and supporting the sheet during the bending process.



### LAZERSAFE OPTICAL SAFETY GUARDS

> LaserSafe guarding system offers a highly effective solution for both operator safety and machine productivity. Designed for use with Lazer Safe's PCSS A Series, the LaserSafe is category 4 compliant and meets the world's most demanding international safety standards (CE Certified Category 4 Safety Controller with integrated).



### LASER CHECK ANGLE MEASUREMENT

> Laser Check, manufactured by Data M Engineering, is a bend angle measurement and correction system by means of a laser beam. The device is made of a laser and a camera on both sides of the bending line. Detection is carried out in this way.

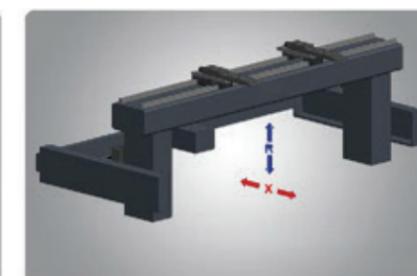
## Back Gauge System

- ▶ PRECISE
- ▶ RELIABLE
- ▶ STRONG

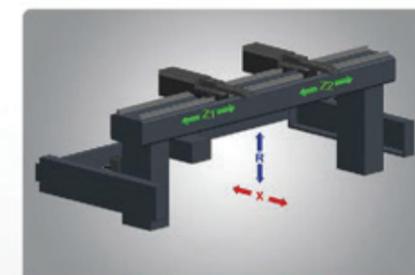
Most important feature to achieve perfect bending is the stability and the design of the back gauge, which allows an impeccable and correct product to be produced.



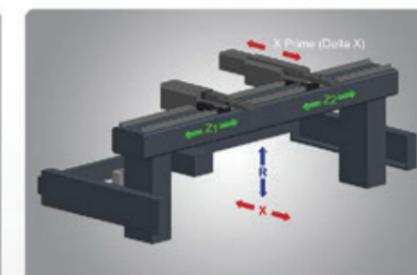
Y1+Y2+X  
(optional)



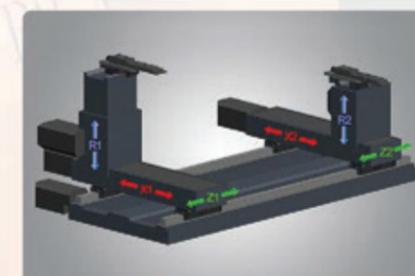
Y1+Y2+X+R  
(optional)



Y1+Y2+X+R+Z1+Z2  
(optional)



Y1+Y2+X+R+Z1+Z2+X1  
(optional)

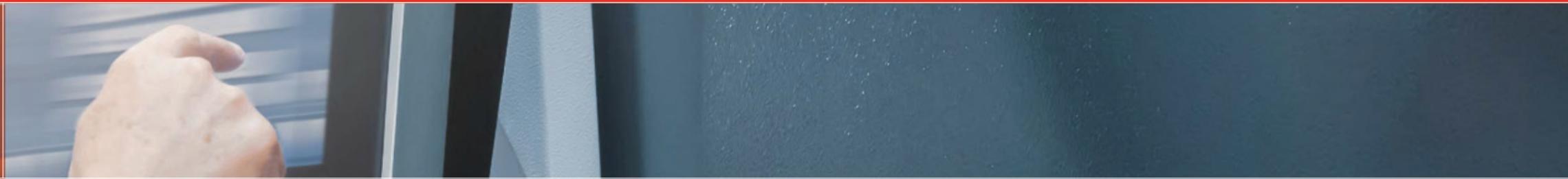


Y1+Y2+X1+X2+R1+R2+Z1+Z2  
(optional)



Y1+Y2+X1+X2+R1+R2+Z1+Z2+V  
(optional)

# Optional Press Brake Control



## DA-53T(DELEM)

"Hot-key" touch navigation  
10.1" high resolution colour TFT  
Up to 4 axes (Y1,Y2 + 2 aux. axes)  
Crowning control  
Tool / material / product library  
Servo and frequency inverter control  
Advanced Y-axis control algorithms for closed-loop as well as open-loop

valves.  
TandemLink (option)  
USB memory stick interfacing  
Profile-T offline software



## DA-66T(DELEM)

2D graphical touch screen programming mode  
17" high resolution colour TFT  
Full Windows application suite  
Delem Modusys compatibility (module scalability and adaptivity)  
USB, peripheral interfacing  
User specific application support

within the control's multitasking environment  
Sensor bending & correction interface  
Profile-TL offline software



## DA-69T(DELEM)

3D and 2D graphical touch screen programming mode  
3D visualisation in simulation and production  
17" high resolution colour TFT  
Full Windows application suite  
Delem Modusys compatibility (module scalability and adaptivity)

USB, peripheral interfacing  
User specific application support within the control's multitasking environment  
Sensor bending & correction interface  
Profile-T3D offline software



## VIS-640(ESA)

All-in-one Monoboard  
Resistive 15" Tft LCD HD Touch color screen  
For all applications up to 6 axes  
Ergonomic and easy to use HMI  
32 + 32 I/O with integrated PLC  
1 Ethernet port + 1 optional  
2 RS-232 serial ports

2 USB 2.0 ports  
4 analog inputs + 2 analog outputs  
1 CAN open port  
Available in 25 languages



## CYBTOUCH 12 PS(CYBELEC)

Large, vivid and high-contrast fully touchscreen.  
Simple pages, clear display, large keys.  
Intuitive user-friendly interface.  
Complete programming for efficient mass-production with multiple bends.  
Easy single bends with EasyBend page.

On-line help and interactive warning pop-ups.  
Comfortable wireless data backup and software updating using PC or Notebook.  
Large variety of languages available.



## VISITOUCH 19(CYBELEC)

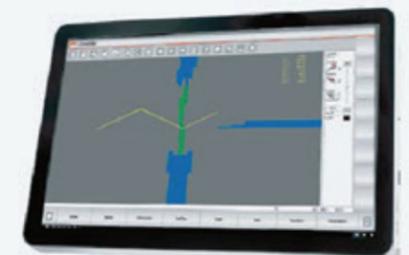
19" modern streamlined glass surface touch screen that can be used with gloves.  
User friendly HMI, similar to the CybTouch' s one, thanks to an intuitive programming and dedicated set-up wizards (auto-tuning).  
2D graphical profile drawing (Touch

Profile) and precise 2D program creation.  
3D visualization of imported parts.  
Angle measurement with various angle protractors  
Automatic bending sequence calculation.  
Outstanding diagnostic tools.



## VIS-S875(ESA)

21.5" designed for multi touch screen  
Support multi touch application  
No frame ,simple but powerful  
Support finger-tip work piece design  
Support import of tools shapes (.dxf files)  
Support management of tool library  
Support tool and die holders' management  
Support datam angle measurement system  
Support ESA 3D Bend software  
Equip standard industry 4.0 Modbus TCP interface



## NEW VERSION INDUSTRY PC VIS-S875



# ECONOM WC67K SERIES

Torsion Bar  
CNC Press Brake



## Perfect Combination of Speed and Power...

The ECONOM/WC67K Series has been re-designed according to the current needs of our users and has reached to a unique structure with its electronic and mechanical equipment which gives excellent results in normal, stainless, thin and thick sheet metals.

The ECONOM/WC67K Series Press Brakes are among the most preferred models with the user-friendly CNC control panel and low maintenance requiring hydraulic systems which keep the production costs in your facility at minimum level and reach to high production speeds.



**New Highly-rigid Frame**  
Carry out finite element mechanical analysis to obtain a higher rigid frame



**High Quality Electrical**  
Stable electrics to improve the positioning accuracy



**Double Linear Guide Rail**  
Double linear guide rail design ensures accuracy and durability

ESTUN  
AUTOMATION

E21S

- > Positioning control of back gauge
- > One-way and two-way positioning function, effectively eliminating the screw gap
- > Retreat escape function, automatic search reference function
- > One-button backup and restore function, rapid location teaching function
- > 40 multi-step program storage space, each program has 25 steps
- > power protection function



### Solutions Based on Your Needs

- ▶ Low Energy Consumption
- ▶ Quick and Easy Tool Replacement
- ▶ Customer Focused Ergonomic Solutions
- ▶ Backgauge with Servo Motor



#### Fast Clamp

The standard equipped fast clamp will help you replace the top punch in very short time. Convenient and time-saving.



#### Stable And Reliable Back Gauge

Imported ball screw drive, linear guide rail guide, Double linear guide construction, to ensure the positioning accuracy. Multistage stops to increase the positioning range, make the bending more convenient.



#### Die for Press Brake

- > Upper tool damping device is fast clamp
- > Multi-V bottom die with different openings

# The Best Parameter Matching



## Optional Controls Specially Customized for CNC Press Brake



### E21 (ESTUN)

Positioning control of back gauge  
One-way and two-way positioning function, effectively eliminating the screw gap  
Retreat escape function, automatic search reference function  
One-button backup and restore function, rapid location teaching function  
40 multi-step program storage space, each program has 25 steps  
power protection function



### E300 (ESTUN)

High Definition LCD display  
Support one page programming  
40 programs storage space, each program has 25 steps  
Positioning control of back gauge  
Intelligent positioning control  
Automatic reference searching  
One-key parameter backup and restore.  
Fast position indexing  
Power-off protection  
Chinese / English optional, male / English optional



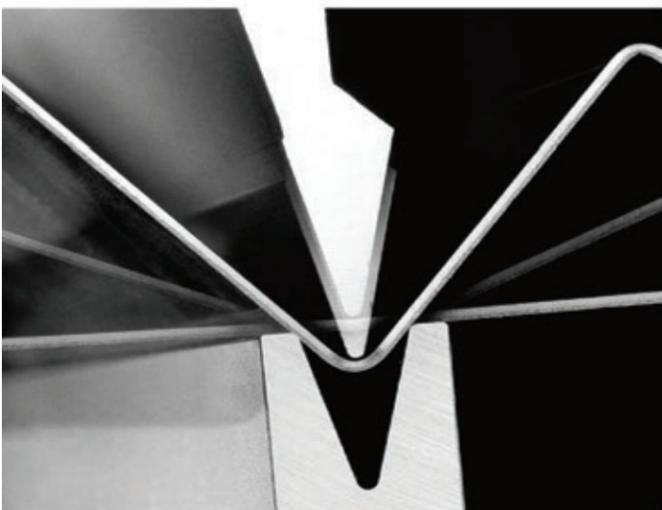
### DA-41T (Delem)

Panel based housing  
Bright LCD screen  
Beam stop control (Y)  
Backgauge control (X)  
Retract functionality  
Manual movement of all axes  
Backgauge control (R) (DA-42T)  
Crowning function (DA-42T)  
Pressure control (DA-42T)



### CybTouch 8 (Cybele)

8 "color LCD display, touch screen, icon recognition function  
The "EasyBend" page is processed with easy single bending  
The fully efficient bending programming can meet the needs of mass production and processing  
Automatically calculate bending angle, main pressure and deflection compensation  
Automatic calculation of bending data  
Automatic calculation of pressure and deflection compensation  
Automatic calculation of upper die depth  
Angle, Back Gauge correction



### Calculation Formula:

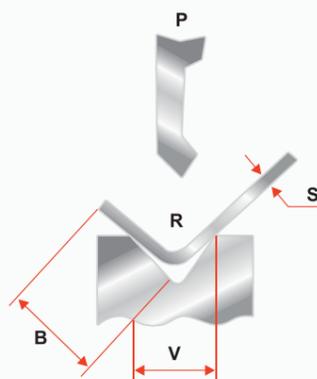
$$P=650s2l/v(\sigma b=450n/mm^2)$$

P: Bending force(kn)

S: The thickness of the plate(mm)

L: The width of the plate(m)

V: V-width of the bottom die(mm)



## WC67Y/K SERIES Technical Parameter

Model	Nominal Pressure (kN)	A Length of table (mm)	B Distance between columns(mm)	D Throat depth (mm)	C Stroke (mm)	E Open Height (mm)	Main motor (kW)	Overall dimensions (L x W x H)(mm)
30t/1600	300	1600	1300	200	80	220	5.5	1650*1200*1700
30t/2000	300	2000	1300	200	80	220	5.5	2000*1200*1700
40t/2500	400	2500	2030	250	100	340	5.5	2500*1200*1900
63t/2500	630	2500	2050	250	120	340	5.5	2500*1350*2100
63t/3200	630	3200	2510	250	120	340	5.5	3200*1350*2100
80t/2500	800	2500	2050	250	120	350	5.5	2500*1400*2150
80t/3200	800	3200	2510	250	120	350	5.5	3200*1400*2150
100t/2500	1000	2500	2050	320	120	380	7.5	2500*1500*2200
100t/3200	1000	3200	2510	320	120	380	7.5	3200*1500*2300
100t/4000	1000	4000	3100	320	120	380	7.5	4000*1500*2400
125t/3200	1250	3200	2510	320	120	380	7.5	3200*1600*2350
125t/4000	1250	4000	3100	320	120	380	7.5	4000*1600*2450
160t/2500	1600	2500	2050	320	200	450	11	2500*1650*2700
160t/3200	1600	3200	2510	320	200	450	11	3200*1650*2800
160t/4000	1600	4000	3040	320	200	450	11	4000*1650*2800
160t/5000	1600	5000	3800	320	200	450	11	5000*1750*3100
160t/6000	1600	6000	4600	320	200	450	11	6000*1750*3300
200T/3200	2000	3200	2600	320	250	540	15	3200*1900*3100
200T/4000	2000	4000	3300	320	250	540	15	4000*1900*3100
250T/3200	2500	3200	2600	400	250	580	18.5	3200*2100*3150
250T/4000	2500	4000	3300	400	250	580	18.5	4000*2100*3150
250T/5000	2500	5000	3800	400	250	580	18.5	5000*2100*3200
250T/6000	2500	6000	4600	400	250	580	18.5	6000*2100*3200
300T/3200	3000	3200	2600	400	250	580	18.5	3200*2200*3200
300T/4000	3000	4000	3300	400	250	580	18.5	4000*2200*3200
300T/5000	3000	5000	3800	400	250	580	18.5	5000*2200*3200
300T/6000	3000	6000	4600	400	250	580	18.5	6000*2200*3200
400T/4000	4000	4000	3300	400	250	580	22	4000*2400*3200
400T/5000	4000	5000	3800	400	250	580	22	5000*2400*3200
400T/6000	4000	6000	4400	400	250	580	22	6000*2400*3200
500T/4000	5000	4000	3300	500	320	620	30	4000*2650*3200
500T/5000	5000	5000	3800	500	320	620	30	5000*2650*3200
500T/6000	5000	6000	4410	500	320	620	30	6000*2700*3200
500T/7000	5000	7000	5400	500	320	620	30	7000*2700*3200
600T/4000	6000	4000	3300	500	320	620	37	4000*2700*3200
600T/5000	6000	5000	3800	500	320	620	37	5000*2700*3250
600T/6000	6000	6000	4600	500	320	620	37	6000*2700*3300
600T/7000	6000	7000	5400	500	320	620	37	7000*2900*3500

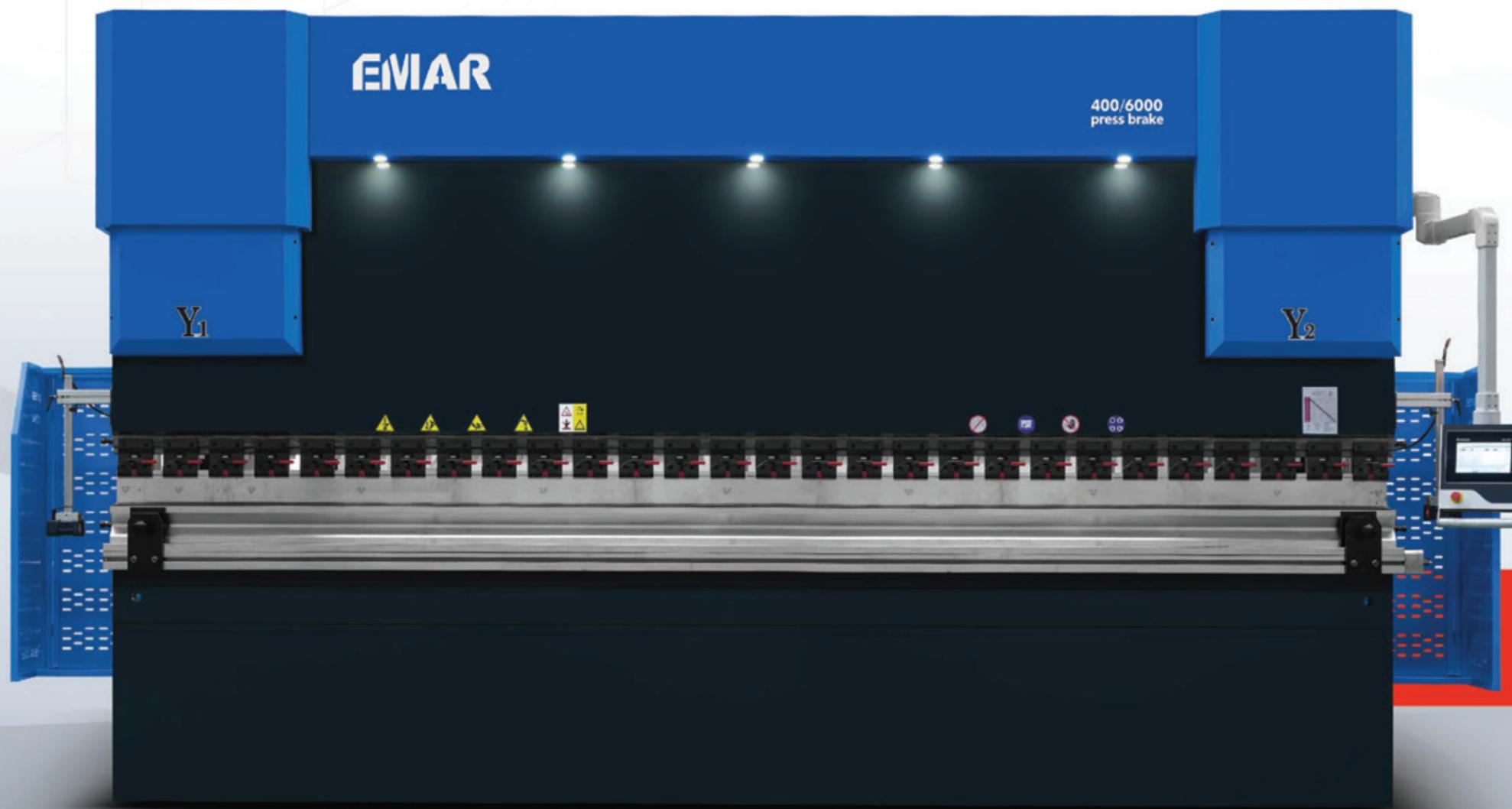
\*Above data is only for reference, to prevail in kind

# LARGE TONNAGE CNC PRESS BRAKE

Thick Plate Bending Solution



CNC Tandem Press Brake



Large tonnage (2500T x 4.8M)

Large tonnage (2500T x 4.8M)

Intelligent equipment designed for thick and large plates. The pressure range is from 300t to 3000t, Width 6m to 25m press brake machine.



Large tonnage (2500T x 4.8M)

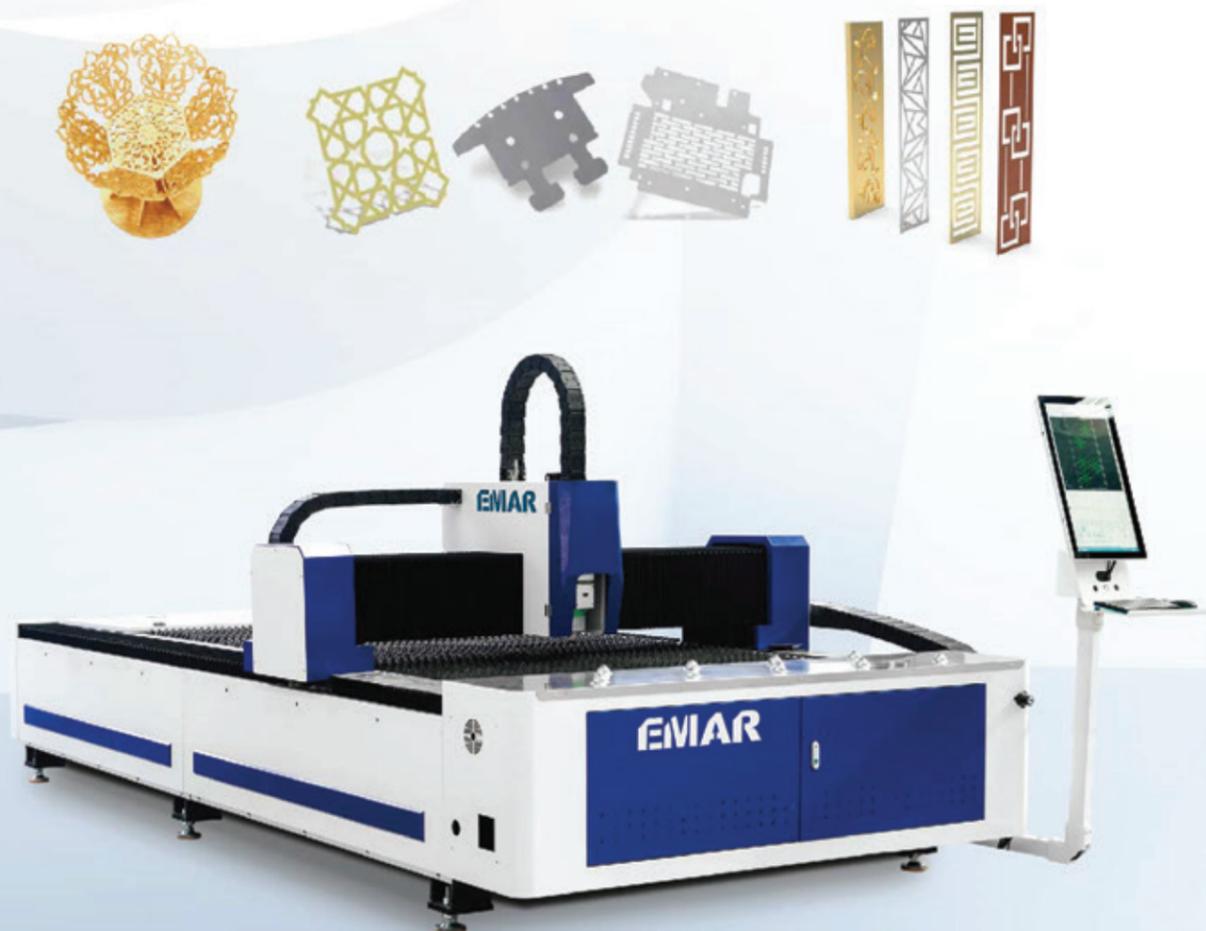
## PRM-A SERIES

Single Platform  
Fiber Laser Cutting Machine



### Performances and Features

It is a professional machine design, novel appearance and many patented technologies. It has the advantages of high speed, small slit, smooth section, easy operation, low energy consumption, suitable for continuous processing in large quantities, and highlighting cutting competitive advantages.



### Extruded Aluminium Gantry

PRM's aluminium crossbeam is extruded using aviation grade aluminium alloy. It measures less than 50% of the weight of traditional iron gantries, ensuring superior rigidity, higher acceleration and reduced inertia, diminishing the associated wear and tear on the machine and its components.



### Fully Annealed Frame

PRM steel frames undergo annealing at over 600 ° to relieve stress. They are built to last years of heavy use without distortion. Auto changing dual drive pallet system allows loading and cutting at the same height while withstanding 2000kg loading weight.

### Laser Source

The beams produced in the modules of the laser source are transported to the cutting head by means of the fiber cable without any loss. Thus, a suitable laser beam is provided for cutting. Its assembly and disassembly are easy. In case of any malfunction, replacement of the parts is easy. It is designed modularly and with plug-and-play feature.



### Technical Parameter

Model	PRM-3015A	PRM-4015A	PRM-4020A	PRM-6015A	PRM-6020A	PRM-6025A	PRM-8025A
Processing range	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm	6000*2000mm	6000*2500mm	8000*2500mm
X-axis travel	1500mm	1500mm	2000mm	1500mm	2000mm	2500mm	2500mm
Y-axis travel	3000mm	4000mm	4000mm	6000mm	6000mm	6000mm	8000mm
Z-axis travel	140mm	140mm	140mm	140mm	140mm	140mm	140mm
Laser power	1000/1500/2000/3000/4000/6000/8000/10000/12000/15000/20000W/其他						
X / Y axis positioning accuracy				<math>\leq \pm 0.03\text{mm}/\text{min}</math>			
X / Y axis repeated positioning accuracy				<math>\leq \pm 0.02\text{mm}/\text{min}</math>			
Max. positioning speed				120m/min			

\*Above data is only for reference, to prevail in kind

# PRM-B SERIES

Exchange Worktable  
Fiber Laser Cutting Machine



## Performances and Features

The new closed design, double table fast exchange, while processing edge cutting, fast, small slit, smooth section, easy operation, low energy consumption, suitable for large quantities of continuous processing, highlighting cutting competitive advantage.



### Intelligent Exchange Platforms

The intelligent exchange platforms self-developed will start exchange instantly after cutting, only 15s required, to save loading & unloading duration, labor costs and improve cutting efficiency.



### CNC System

Match with 2000+ process data on its graphical programming interface  
Compatible with multiple graphic files, incl. DXF, DWG, PLT and NC code  
Improve stock layout and material utilization by 20% and 9.5%, with no limit of quantity of spare parts



### Autofocus Cutting Head

Lasting and precise cutting performance  
Available in various brand such as Precitec, Raytools, WSX etc.



## Technical Parameter

Model	PRM-3015B	PRM-4015B	PRM-4020B	PRM-6015B	PRM-6020B	PRM-6025B	PRM-8025B	PRM-12025B
Processing range	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm	6000*2000mm	6000*2500mm	8000*2500mm	12000*2500mm
X-axis travel	1500mm	1500mm	2000mm	1500mm	2000mm	2500mm	2500mm	2500mm
Y-axis travel	3000mm	4000mm	4000mm	6000mm	6000mm	6300mm	8000mm	12000mm
Z-axis travel	250mm	250mm	250mm	250mm	250mm	250mm	250mm	250mm
Laser power				1000W~30000W				
X / Y axis positioning accuracy				≤±0.03mm/min				
X / Y axis repeated positioning accuracy				≤±0.02mm/min				
Max. positioning speed				120m/min				

\*Above data is only for reference, to prevail in kind

## PRM-C SERIES

Board One  
Fiber Laser Cutting Machine

## PRM-D SERIES

Tube Laser Cutting Machine

### Performances and Features

Tube sheet integrated cutting, easy to exchange, can not only cut flat plate, but also meet the needs of users to cut round tube, square tube and forming box.

- It can cut multiple intersecting line holes with different directions and diameters on the main pipe
- It can cut the oblique section end face at the end of the pipe
- It can cut the intersection line end of branch pipe intersecting with annular main pipe
- It can cut square hole, waist hole and round hole on round pipe
- The steel pipe can be cut off
- It can cut various graphics on the surface of square pipe
- It can cut steel plates of different specifications
- It can cut and cut holes on the forming box



### Pneumatic Chucks

Automatic centering, 3 times faster than electric chucks  
Clamp small tubes without deformation and heavy tubes tightly



### Technical Parameter

Model	PRM-3015C	PRM-4020C	PRM-6020C	PRM-6025C
Cutting range	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm
Pipe cutting length	6000mm	6000mm	6000mm	6000mm
Chuck diameter	220/320mm	220/320mm	220/320mm	220/320mm
Laser power	1000W~20000W	1000W~20000W	1000W~20000W	1000W~20000W
Max. positioning acceleration	10m/s <sup>2</sup>	10m/s <sup>2</sup>	10m/s <sup>2</sup>	10m/s <sup>2</sup>
Positioning accuracy	±0.02mm/m	±0.02mm/m	±0.02mm/m	±0.02mm/m
Reposition accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm

\*Above data is only for reference, to prevail in kind

### Performances and Features

The special pipe laser cutting machine consists of 7 shafts  
It can realize the cutting of round, square, rectangular and elliptical pipes  
It can realize the one-time forming and processing of 6-meter pipe, and can be equipped with 9-meter and 12-meter pipe cutting machines with different pipe lengths and diameters  
The equipment is matched with feeding shaft and pulling shaft, which can greatly reduce the waste of processing tailings  
It can cut multiple pipes with different directions and diameters on the main pipe  
It can cut variable angle groove surface  
It is known as pipe cutting machine and material expert in the industry.



### Technical Parameter

Model	PRM-6022D	PRM-6032D
Pipe cutting length	6000mm	6000mm
Chuck diameter	220mm	320mm
Laser power	<6000W	<6000W
Max. positioning acceleration	10m/s <sup>2</sup>	10m/s <sup>2</sup>
Positioning accuracy	±0.02mm/m	±0.02mm/m
Reposition accuracy	±0.03mm	±0.03mm
Rotation axis speed	80rpm	80rpm

\*Above data is only for reference, to prevail in kind



### Intelligent Unloading Device

Separate finished products from scraps, and collect offcuts and wastes automatically  
Tube follow-up support and righting device can protect tubes from scratch, swing or collision