

CATALOGUE 2026

Edition : 1

BHAVYATM
An ISO 9001:2015 Certified Company

LARGEST DISPLAY OF MACHINERY IN INDIA

SOLUTION
Grinding | Re-Sharpening | Wood-Working

LARGEST DISPLAY OF MACHINERY IN INDIA

METAL FABRICATION MACHINES

SOLUTION WITH DIFFERENCE



BHAVYA[®]

An ISO 9001: 2015 Certified Company

International Branches:



www.bhavyamachinetools.com



KENYA



U.A.E

Rubbing shoulders with the best in the country, Bhavya Machine Tools stands today as an established and trusted name in the field of Engineering Workshop Machinery. For decades, the company has been serving industries worldwide with sturdy, technologically advanced, and high-performance machinery. Its constant endeavour has been to bring emerging technology to India and to lead with innovation.

From its humble beginnings as a small-scale business on Relief Road in Old City Ahmedabad, Bhavya Machine Tools has grown into a significant industry leader—now operating from a state-of-the-art office on the elite SBR road. This journey has been powered by the relentless determination of brothers Jatin Shah and Rohit Shah, supported by a team that embraces new challenges and places customer requirements at the heart of every decision. With an ever-expanding product line and network, Bhavya continues to strengthen its presence across markets.

Bhavya's success is built on uncompromising quality standards, decades of experience, and the ability to deliver excellent solutions backed by superior service. Truly, it offers "a solution with a difference."

"The journey of Bhavya Machine Tools began 50 years ago when our father, Mr. Kirtibhai Shah, pioneered the business on a small scale at Relief Road. When we joined in 1991, we had absolutely no technical education," shares Jatin. "Yet, with determination and a vision for growth, we have worked tirelessly to make Bhavya Machine Tools a leader in providing cutting-edge technical solutions."

Speaking about the company's strategy, Jatin adds, "Our constant endeavor is to explore how emerging technology can be brought to India. Innovation is at the core of Bhavya's strategy. To achieve this, we actively participate in major exhibitions across India and the Gulf. These platforms keep us updated on the latest global technologies and help us introduce them to the Indian market, bridging existing gaps. At the same time, we showcase the capabilities of small-scale Indian manufacturers to the world—manufacturers who often lack the reach to market their products internationally."

Despite an expansive product basket and a vast network of industrial clients, the brothers' passion for growth remains undiminished.

Rohit highlights, "Customer requirements are paramount. When we receive an inquiry for a tool we do not have, we immediately deploy a team to study whether we can procure or develop it. This mindset is the reason our product portfolio continues to grow. Our team is ever-ready to take on new challenges. With such a hardworking and dedicated team, Bhavya stands where it is today—and we are immensely proud of that."



LATE SHRI. KIRTIKUMAR SHAH
(Founder - Bhavya Machine Tools)



Jatin Shah & Rohit Shah

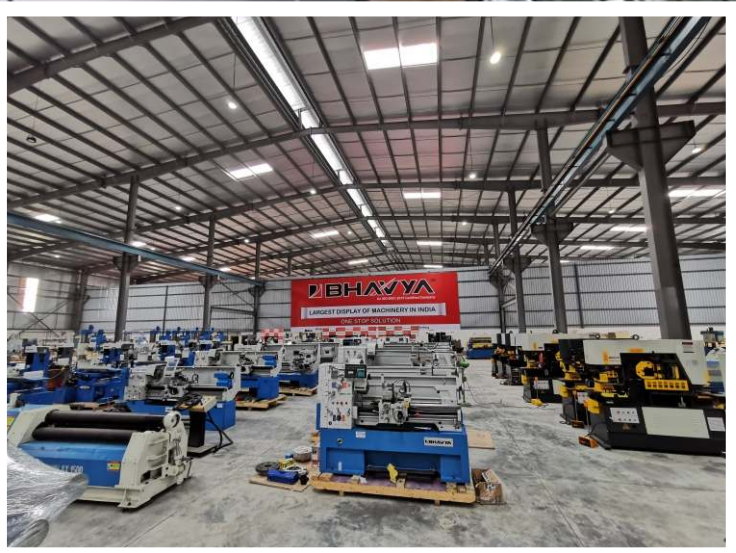
BHAVYA

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LARGEST DISPLAY OF MACHINERY IN INDIA



LARGEST DISPLAY OF MACHINERY IN INDIA



AWARDS AND ACHIEVEMENTS



TV9 CSR Excellence Award

Our directors, Jatin Shah and Rohit Shah, received the TV9 CSR Excellence – For A Better Society award, presented by the then Gujarat Chief Minister, Late Mr. Vijay Rupani, honoring our company's impactful CSR contributions.



Divya Bhaskar Artist of Enterprise

Our story was featured in Divya Bhaskar's book "The Artist of Enterprise," which highlights leading entrepreneurs in Gujarat and recognizes our directors, Jatin and Rohit Shah, for their contributions to the machine tools industry.



Mantavya News Awards

Honoured with The Leaders Award in the Machine Tools Category from the respected minister of Energy of Gujarat Mr. Saurabhbhai Patel.



Ace Achievers - Making a Difference

We were honored as an "Ace Achiever" in 2019 by TV9 and Gujarat Chief Minister Vijay Rupani for our leadership and impact in the machine tools industry

for more information, scroll on

 www.bhavyamachinetools.com

 **BHAVYA**[®]

AWARDS AND ACHIEVEMENTS



ABP Gujarat's Anmol Ratna

Honoured with the renowned Gujarat's Anmol Ratna Certification of Recognition, from ABP Asmita on 5th March 2022, for our work in the field of highly precise and innovative machine tools that contribute to the progress of Gujarat.



ZEE 24 Kalak Mahasanman

Received an award at Zee 24 Kalak Mahasanman on March 26, 2022 from the honorable Chief Minister of Gujarat, Shri Bhupendra Patel in the MSME category for the contribution to Gujarat's growth and development.



Machine Tools World

One of the most leading publications focused on machine tools and allied sectors- "Machine Tools World", recognised our company in its November 2021 issue for our committed work in the field of Engineering Machine Tools.



ABP Asmita Sanman Puraskar

Pleased to be a part of the renowned ABP Asmita Sanman puraskar for the Icons of Gujarat, which took place in the presence of Gujarat's Chief Minister, Shri Bhupendra Patel.

AWARDS AND ACHIEVEMENTS



Global Excellence Award

Won the Global Excellence Award 2025, which was presented by bollywood actress Mrs. Kajol Devgan where our company was recognised for most Reliable Engineering Workshop Machinery Company in Ahmedabad



Viksit Bharat Leadership Summit

Presented with an award by Hon'ble Union Minister Shri Nitin Gadkari ji as the Most Reliable Engineering Workshop Machinery Company at the Viksit Bharat Leadership Summit 2025, an event organised by leading news channel Bharat24.



Ahmedabad Mirror

Recognised with the Excellence in Engineering Workshop Machinery award by Ahmedabad Mirror at Mirror Celebrates Gujarat's MSMEs



ET Now Awards

Honored with ET Now's Leaders of Navbharat award for Most Reliable Engineering Workshop Machinery, presented by Shree C. R. Patil to directors Jatin Shah and Rohit Shah.

for more Information, scroll on

 www.bhavyamachinetools.com

 **BHAVYA**[®]

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WORKSHOP IN METAL FABRICATION MACHINE

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CNC Press Brake, NC Front Cylinder, Servo Press Brake & CNC Panel Bender

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SHEARING MACHINES

NC Swing-Beam, NC Guillotine Shearing, Mechanical Shearing

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POWER PRESS MACHINES

"C" Type Mechanical, "C" Type Hydraulic, "H" Type Hydraulic Press, Cross Shaft Power Press

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BUS BAR PROCESSING MACHINES

Bus Bar BENDING-CUTTING-PUNCHING (NC PROMAX, NC), Portable Bus Bar(200B)

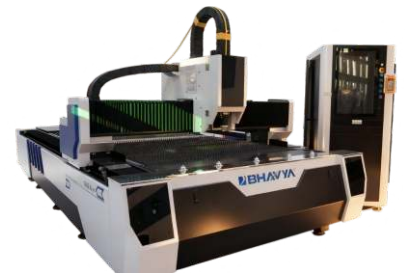
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IRON WORKER MACHINES

Hydraulic & Mechanical, Hydraulic Punching Machine

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LASER MACHINES

Laser cutting, Laser Marking & Laser Welding

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PIPE BENDING MACHINES

NC (Single Head Hydraulic), Profile Bending & Tube Bending

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PLATE ROLLING MACHINES

3 Rollor & 4 Rollor

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OTHERS

Others Sheet Metal Machines
Electric Sleep Roll, Bead Bending, Tube Profile, Hydraulic Angle Notcher, 3-in-1 Shearing, Pan Box Brake

CNC PRESS BRAKE

CNC PRESS BRAKE



ENERGY SAVING SERVO MOTOR OPTION AVAILABLE

STANDARD FEATURES:



Siemens Motor With Sunny Pump



Servo Main Motor (Optional)



X Axis - Ball Screw And Double LM Guide



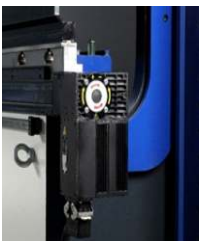
Stop Finger on Double LM Guide



Proportional Valve - Rexroth (Y1 & Y2)



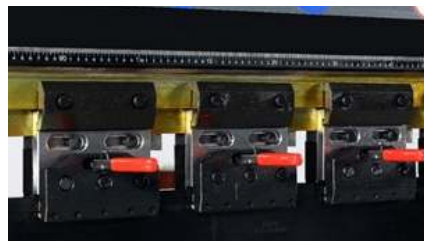
Laser Light



Electric Crowning



Grating Rular - GIVI



Quick Clamp - Half & Full Open



R Axis - With Rack And Pinion And LM Guide



Schneider Electric

Specifications are subject to changed without prior notice.

CNC PRESS BRAKE

CNC PRESS BRAKE

| MODEL | Nominal Pressure (KN) | Max bending width (mm) | Distance between up rights (mm) | Throat Depth (mm) | Cylinder Stroke (mm) | Daylight (mm) | Servo Motor Power (KW) | Oil Volum (KG) | Speed(mm/s) | | | Dimension | | | Weight (KG) |
|-----------|-----------------------|------------------------|---------------------------------|-------------------|----------------------|---------------|------------------------|----------------|-------------------|---------------|-----------------|-----------|-------|--------|-------------|
| | | | | | | | | | Approaching Speed | Working Speed | Returning Speed | Length | Width | Height | |
| 40T/1600 | 400 | 1600 | 1200 | 205 | 160 | 380 | 4 | 200 | 200 | 15 | 180 | 2200 | 1450 | 2155 | 3000 |
| 63T/2500 | 630 | 2500 | 2000 | 320 | 160 | 430 | 5.5 | 200 | 200 | 14 | 180 | 3050 | 1600 | 2350 | 4500 |
| 80T/2500 | 800 | 2500 | 2000 | 320 | 160 | 430 | 7.5 | 200 | 190 | 13 | 180 | 3050 | 1600 | 2450 | 5000 |
| 80T/3200 | 800 | 3200 | 2600 | 320 | 160 | 430 | 7.5 | 200 | 190 | 13 | 180 | 3700 | 1800 | 2450 | 6000 |
| 80T/4000 | 800 | 4000 | 3400 | 320 | 160 | 430 | 7.5 | 300 | 180 | 13 | 180 | 3070 | 1750 | 2450 | 6600 |
| 100T/2500 | 1000 | 2500 | 2000 | 400 | 200 | 470 | 7.5 | 250 | 180 | 12 | 180 | 3240 | 1780 | 2650 | 6000 |
| 100T/3200 | 1000 | 3200 | 2600 | 400 | 200 | 470 | 7.5 | 200 | 180 | 12 | 180 | 3300 | 1750 | 2660 | 6700 |
| 100T/4000 | 1000 | 4000 | 3400 | 400 | 200 | 470 | 7.5 | 300 | 180 | 12 | 180 | 4650 | 1750 | 2650 | 7600 |
| 125T/2500 | 1250 | 2500 | 2000 | 400 | 200 | 470 | 7.5 | 200 | 180 | 12 | 180 | 3100 | 1750 | 2650 | 6600 |
| 125T/3200 | 1250 | 3200 | 2600 | 400 | 200 | 470 | 7.5 | 250 | 180 | 12 | 180 | 4030 | 1790 | 2750 | 7300 |
| 125T/4000 | 1250 | 4000 | 3400 | 400 | 200 | 470 | 7.5 | 300 | 180 | 12 | 180 | 4500 | 1750 | 2650 | 8500 |
| 125T/5000 | 1250 | 5000 | 4200 | 400 | 200 | 470 | 7.5 | 400 | 160 | 12 | 160 | 5830 | 1790 | 3100 | 10000 |
| 125T/6000 | 1250 | 6000 | 5200 | 400 | 200 | 470 | 7.5 | 800 | 160 | 12 | 160 | 6830 | 1790 | 3200 | 12000 |
| 160T/2500 | 1600 | 2500 | 2000 | 400 | 200 | 470 | 11 | 200 | 180 | 12 | 180 | 3350 | 1800 | 2730 | 7800 |
| 160T/3200 | 1600 | 3200 | 2600 | 400 | 200 | 470 | 11 | 250 | 180 | 12 | 180 | 4050 | 1800 | 2730 | 9000 |
| 160T/4000 | 1600 | 4000 | 3400 | 400 | 200 | 470 | 11 | 300 | 180 | 12 | 180 | 4550 | 1900 | 2750 | 10300 |
| 160T/5000 | 1600 | 5000 | 4200 | 400 | 200 | 470 | 11 | 400 | 160 | 12 | 100 | 5700 | 1800 | 3080 | 12000 |
| 160T/6000 | 1600 | 6000 | 5200 | 400 | 200 | 470 | 11 | 800 | 160 | 12 | 100 | 6700 | 1800 | 3130 | 14500 |
| 200T/3200 | 2000 | 3200 | 2600 | 440 | 200 | 470 | 15 | 250 | 160 | 12 | 140 | 3900 | 1800 | 2850 | 10500 |
| 200T/4000 | 2000 | 4000 | 3400 | 440 | 200 | 470 | 15 | 300 | 160 | 12 | 140 | 4700 | 1900 | 2850 | 11600 |
| 200T/5000 | 2000 | 5000 | 4200 | 440 | 200 | 470 | 15 | 400 | 140 | 12 | 90 | 5820 | 1850 | 3250 | 14000 |
| 200T/6000 | 2000 | 6000 | 5200 | 440 | 200 | 470 | 15 | 800 | 140 | 12 | 90 | 6820 | 1850 | 3350 | 16500 |
| 250T/3200 | 2500 | 3200 | 2600 | 440 | 250 | 520 | 18.5 | 400 | 140 | 12 | 110 | 4050 | 1860 | 3000 | 13000 |
| 250T/4000 | 2500 | 4000 | 3400 | 440 | 250 | 520 | 18.5 | 400 | 140 | 12 | 110 | 4850 | 1860 | 3100 | 16000 |
| 250T/5000 | 2500 | 5000 | 4200 | 440 | 250 | 520 | 18.5 | 600 | 130 | 12 | 80 | 5850 | 1860 | 3250 | 15500 |
| 250T/6000 | 2500 | 6000 | 5200 | 440 | 250 | 520 | 18.5 | 800 | 130 | 12 | 80 | 6850 | 1860 | 3350 | 17500 |
| 300T/3200 | 3000 | 3200 | 2600 | 450 | 300 | 570 | 22 | 400 | 100 | 12 | 90 | 4600 | 2260 | 3400 | 15500 |
| 300T/4000 | 3000 | 4000 | 3400 | 450 | 300 | 570 | 22 | 400 | 100 | 12 | 90 | 5400 | 2260 | 3500 | 17500 |
| 300T/5000 | 3000 | 5000 | 4100 | 450 | 300 | 570 | 22 | 600 | 90 | 12 | 90 | 6430 | 2260 | 3680 | 16500 |
| 300T/6000 | 3000 | 6000 | 5100 | 450 | 300 | 570 | 22 | 800 | 90 | 12 | 90 | 7430 | 2260 | 3850 | 23200 |
| 400T/4000 | 4000 | 4000 | 3400 | 450 | 350 | 620 | 22 | 1000 | 90 | 12 | 90 | 4700 | 2300 | 3900 | 16000 |
| 400T/6000 | 4000 | 6000 | 5000 | 450 | 350 | 620 | 22 | 1000 | 90 | 12 | 90 | 6900 | 2300 | 3900 | 29000 |
| 500T/4000 | 5000 | 4000 | 3400 | 500 | 400 | 620 | 30 | 1000 | 80 | 10 | 80 | 4700 | 2400 | 3500 | 35000 |
| 500T/6000 | 5000 | 6000 | 5000 | 500 | 400 | 620 | 30 | 1000 | 80 | 10 | 80 | 6700 | 3000 | 3500 | 40000 |
| 500T/8000 | 5000 | 8000 | 6900 | 500 | 400 | 620 | 30 | 1000 | 80 | 10 | 80 | 8700 | 3200 | 3500 | 50000 |
| 600T/6000 | 6000 | 6000 | 5000 | 550 | 400 | 620 | 45 | 1400 | 80 | 10 | 80 | 6700 | 3400 | 3500 | 50000 |
| 600T/8000 | 6000 | 8000 | 6900 | 550 | 400 | 620 | 45 | 1400 | 80 | 10 | 80 | 8700 | 3500 | 3800 | 65000 |
| 800T/6000 | 8000 | 6000 | 5000 | 550 | 400 | 620 | 55 | 1600 | 80 | 10 | 80 | 6700 | 3500 | 4300 | 85000 |
| 800T/8000 | 8000 | 8000 | 6900 | 550 | 400 | 620 | 55 | 1600 | 80 | 10 | 80 | 9700 | 3800 | 4500 | 100000 |

FEATURES:

- Main Drive Motor.
- HK-68T 2D Programming/3D Simulation Controller
- 21-inch full-color touch screen
- Proportional hydraulics for Y1, Y2 axis.
- GIVI - Individual linear encoder for Y1 & Y2 for precise- beam movement
- AC Servo motor with resolver for back gauge drive.
- X Axis Back-gauge on Double LM Guide and Hardened & Ground Ball Screw.
- R Axis Attached with Rack & Pinion and LM Guide.
- One Standard 2V/4V/Multi-V hardened & grounded die and punch**.
- Motorized crowning anti deflection unit.
- Pair of sheet support with LM GUIDE.
- Movable work station with pair of foot switch
- Hardened Die And Punch (42crmo4)
- Laser Light For Alignment

Specifications are subject to changed without prior notice.



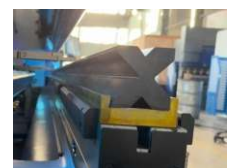
21" full-color touch screen



Front Support With LM Guide



Hardened Die And Punch (42crmo4)



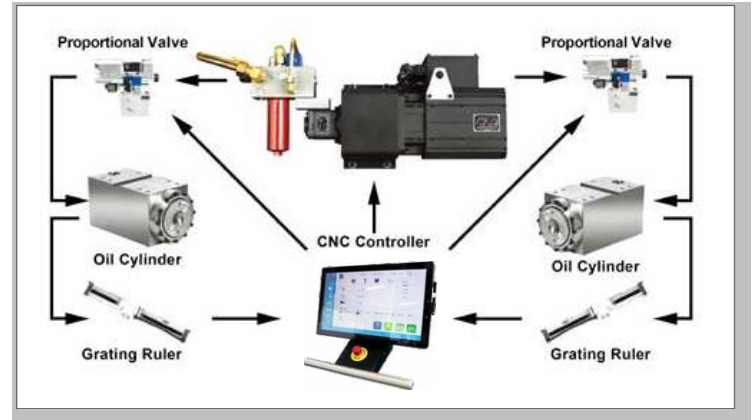
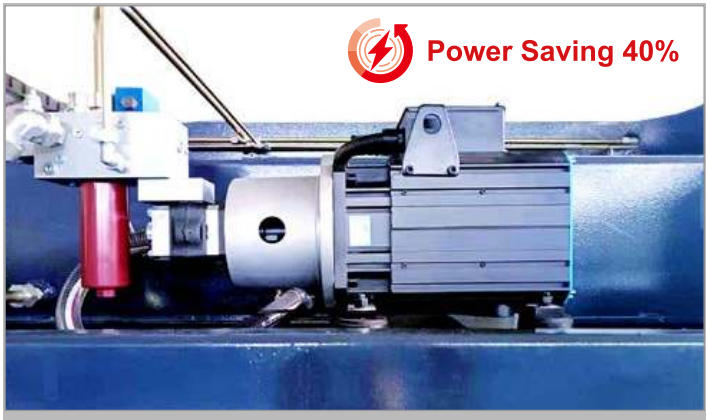
Special Crowning Table With Self Center Groove

CNC PRESS BRAKE

CNC PRESS BRAKE

SERVO MOTOR FOR HYBRID SYSTEM FOR YOUR CHOICE

OPTIONAL CONFIGURATION :

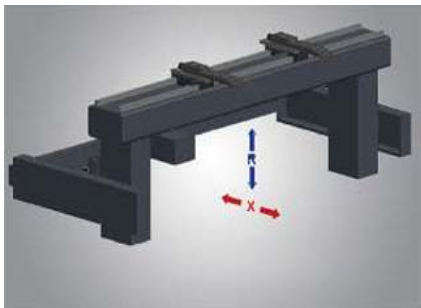


ENERGY SAVING SYSTEM KEY FEATURES:

- **Dynamic Speed Adjustment for Energy Savings:** Monitors real-time load demands and automatically adjusts motor speed (e.g., servo or variable-frequency motors) to avoid energy waste from constant high-speed operation.
- **Energy-Saving Principle:** Based on the formula Power Torque Speed, it reduces motor speed under light loads to minimize energy consumption (similar to VFD logic but may incorporate advanced control algorithms).
- **Advantages:**
 - Reduces idle/light-load power waste.
 - Extends equipment lifespan (less mechanical wear).

BACKGAUGE OPTIONS :

2 Axis Back gauge (5 Axis Machine)



X+R

4 Axis Back gauge (7 Axis Machine)



X+R+Z1+Z2

6 Axis Back gauge (9 Axis Machine)



X1+X2+R1+R2+Z1+Z2 (Optional)

Specifications are subject to changed without prior notice.

CNC PRESS BRAKE

CNC PRESS BRAKE

CNC CONTROLLER FOR YOUR CHOICE :

HK - 68T CONTROLLER - 2D PROGRAMING & 3D VIEWER

- 21.5" full-color touch screen display.
- Supports mold library and product library settings.
- Comes with Y1, Y2, X, R axes and can add more axes if needed (optional).
- Supports crowning (mechanical compensation) for accurate bending.
- Can automatically create programs for large radius bending.
- Can perform automatic bending for up to 25 steps
- Includes 200 product libraries, each with 25 steps, and large arc programs can have up to 99 steps.
- Allows parameter backup and USB data transfer for easy setup, debugging, and maintenance.
- Supports CAD drawing import



HK - 68T

S730BA CONTROLLER - 2D/3D PROGRAMING & SIMULATION STANDARD

- Controller origin from Taiwan Province
- It provides 3D file import, automatic sorting, and interference checking
- 2D Graphics quick programming, Supports automatic and manual sorting.
- Auto Tool Sequence and tool Segmentation support.
- Full-colour Double touch screen display with Emergency stop.
- Standard 4-axis, Supports up to 9 axes
- Supports crowning (mechanical compensation) for accurate bending.
- Can automatically create programs for large radius bending.
- Memory 4G, the number of programs can be saved more than 9999+
- Allows parameter backup and USB data transfer for easy setup, debugging, and maintenance.
- Mould and product 2D Drawing import
- remote support



S730BA

Note : Dalem, ESA Also Available (If Required)

Specifications are subject to changed without prior notice.

NC PRESS BRAKE

NC FRONT CYLINDER HYDRAULIC PRESS BRAKE MACHINE (NCF SERIES) 3-AXIS



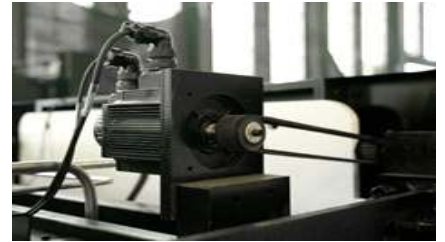
STANDARD FEATURES:



Fast Clamp



Foot Pedal Switch



Y1 & Y2 Independent With Servo Motor



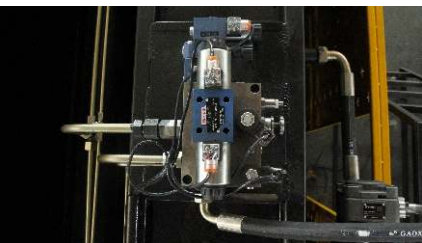
France Schneider Electric Controls



Germany Siemens Motor with Sunny Pump



Front Material Support With LM Guide



Germany Bosch Rexroth Hydraulic System



Stop Finger With Double LM Guide



Backgauge With LM Guides & Ball Screw

Specifications are subject to changed without prior notice.

Note : (2 AXIS Model Also Available)

NC PRESS BRAKE

NC FRONT CYLINDER HYDRAULIC PRESS BRAKE MACHINE (NCF SERIES)

| MODEL | Bending force | Worktable Length | Distance between Frame | Throat Depth | Maximum Stroke | Daylight | Speed(mm/s) | | | Motor Power | Dimension |
|-----------|---------------|------------------|------------------------|--------------|----------------|----------|-------------|------|----------------|-------------|----------------|
| | (KN) | | | | | | (mm) | (mm) | Approach Speed | | |
| 30T/1600 | 300 | 1600 | 1200 | 200 | 80 | 295 | 180 | 12 | 140 | 3 | 2150x1250x1900 |
| 40T/1600 | 400 | 1600 | 1200 | 250 | 80 | 330 | 180 | 12 | 140 | 4 | 2100x1850x2100 |
| 40T/2000 | 400 | 2000 | 1500 | 250 | 80 | 330 | 180 | 12 | 140 | 4 | 2500x1850x2100 |
| 40T/2500 | 400 | 2500 | 2000 | 250 | 80 | 330 | 180 | 12 | 140 | 4 | 3050x1800x2200 |
| 63T/1600 | 630 | 1600 | 1200 | 310 | 110 | 345 | 180 | 12 | 140 | 5.5 | 2060x1600x2250 |
| 63T/2500 | 630 | 2500 | 2000 | 310 | 110 | 345 | 180 | 12 | 140 | 5.5 | 3050x1800x2300 |
| 63T/3200 | 630 | 3200 | 2600 | 310 | 110 | 345 | 180 | 12 | 140 | 5.5 | 3700x1800x2300 |
| 80T/2500 | 800 | 2500 | 2000 | 330 | 120 | 345 | 180 | 12 | 140 | 5.5 | 3050x1800x2300 |
| 80T/3200 | 800 | 3200 | 2600 | 330 | 120 | 345 | 180 | 12 | 140 | 5.5 | 3700x1800x2350 |
| 80T/4000 | 800 | 4000 | 3400 | 330 | 120 | 345 | 180 | 12 | 140 | 5.5 | 4500x1800x2400 |
| 100T/2500 | 1000 | 2500 | 2000 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 3050x1800x2450 |
| 100T/3200 | 1000 | 3200 | 2600 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 3700x1800x2450 |
| 100T/4000 | 1000 | 4000 | 3120 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 4500x1800x2450 |
| 125T/2500 | 1250 | 2500 | 2000 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 3050x1800x2550 |
| 125T/3200 | 1250 | 3200 | 2600 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 3700x1800x2550 |
| 125T/4000 | 1250 | 4000 | 3400 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 4500x1850x2550 |
| 130T/2500 | 1300 | 2500 | 2000 | 400 | 130 | 375 | 180 | 12 | 140 | 7.5 | 3050x1800x2550 |
| 160T/2500 | 1600 | 2500 | 2000 | 415 | 190 | 470 | 180 | 12 | 140 | 11 | 3050x1800x2650 |
| 160T/3200 | 1600 | 3200 | 2600 | 415 | 190 | 470 | 180 | 12 | 140 | 11 | 3700x1800x2650 |
| 160T/4000 | 1600 | 4000 | 3400 | 415 | 190 | 470 | 180 | 12 | 140 | 11 | 4500x1800x2650 |
| 160T/5000 | 1600 | 5000 | 4400 | 415 | 190 | 470 | 180 | 12 | 90 | 11 | 5500x1800x2650 |
| 160T/6000 | 1600 | 6000 | 5400 | 415 | 190 | 470 | 180 | 12 | 90 | 11 | 6500x1800x2650 |
| 200T/2500 | 2000 | 2500 | 2000 | 435 | 190 | 470 | 160 | 12 | 90 | 15 | 3050x1800x2750 |
| 200T/3200 | 2000 | 3200 | 2600 | 435 | 190 | 470 | 160 | 12 | 140 | 15 | 3700x1800x2750 |
| 200T/4000 | 2000 | 4000 | 3400 | 435 | 190 | 470 | 160 | 12 | 140 | 15 | 4500x1900x2750 |
| 200T/5000 | 2000 | 5000 | 4400 | 435 | 190 | 470 | 160 | 10 | 90 | 15 | 5500x1900x2750 |
| 200T/6000 | 2000 | 6000 | 5400 | 435 | 190 | 470 | 160 | 10 | 90 | 15 | 6500x1900x2750 |
| 250T/2500 | 2500 | 2500 | 2000 | 440 | 240 | 500 | 160 | 10 | 90 | 18.5 | 3050x1900x2960 |
| 250T/3200 | 2500 | 3200 | 2600 | 440 | 240 | 500 | 160 | 10 | 110 | 18.5 | 3700x1900x2950 |
| 250T/4000 | 2500 | 4000 | 3400 | 440 | 240 | 500 | 160 | 10 | 110 | 18.5 | 4500x1900x2950 |
| 250T/5000 | 2500 | 5000 | 4400 | 440 | 240 | 500 | 160 | 10 | 80 | 18.5 | 5500x1900x2950 |
| 250T/6000 | 2500 | 6000 | 5400 | 440 | 240 | 500 | 160 | 10 | 80 | 18.5 | 6500x1900x2950 |
| 300T/2500 | 3000 | 2500 | 2000 | 460 | 240 | 500 | 160 | 10 | 80 | 22 | 3050x2000x3300 |
| 300T/3200 | 3000 | 3200 | 2600 | 460 | 240 | 500 | 160 | 10 | 90 | 22 | 3700x2000x3300 |
| 300T/4000 | 3000 | 4000 | 3400 | 460 | 240 | 500 | 160 | 10 | 90 | 22 | 4500x2000x3300 |
| 300T/5000 | 3000 | 5000 | 4400 | 460 | 240 | 500 | 160 | 10 | 90 | 22 | 5500x2000x3300 |
| 300T/6000 | 3000 | 6000 | 5400 | 460 | 240 | 500 | 160 | 10 | 90 | 22 | 6500x2000x3300 |
| 400T/2500 | 4000 | 2500 | 2000 | 480 | 290 | 520 | 120 | 10 | 80 | 30 | 3050x2000x3500 |
| 400T/3200 | 4000 | 3200 | 2600 | 480 | 290 | 520 | 120 | 10 | 80 | 30 | 3700x2000x3500 |
| 400T/4000 | 4000 | 4000 | 3400 | 480 | 290 | 520 | 120 | 10 | 90 | 30 | 4500x2000x3500 |
| 400T/5000 | 4000 | 5000 | 4400 | 480 | 290 | 520 | 120 | 10 | 90 | 30 | 5500x2000x3500 |
| 400T/6000 | 4000 | 6000 | 5400 | 480 | 290 | 520 | 120 | 10 | 90 | 30 | 6500x2000x3500 |
| 500T/4000 | 5000 | 4000 | 3400 | 500 | 300 | 550 | 120 | 8 | 80 | 37 | 4500x2000x3700 |
| 500T/5000 | 5000 | 5000 | 4400 | 500 | 300 | 550 | 120 | 8 | 80 | 37 | 5500x2000x3700 |
| 500T/6000 | 5000 | 6000 | 5400 | 500 | 300 | 550 | 120 | 8 | 80 | 37 | 6500x2000x3700 |
| 500T/8000 | 5000 | 8000 | 7100 | 500 | 300 | 550 | 120 | 8 | 80 | 37 | 8800x2000x3700 |
| 600T/3200 | 6000 | 3200 | 2600 | 500 | 310 | 580 | 90 | 8 | 80 | 45 | 3700x2200x4000 |
| 600T/4000 | 6000 | 4000 | 3400 | 520 | 310 | 580 | 90 | 8 | 80 | 45 | 4500x2200x4000 |
| 600T/5000 | 6000 | 5000 | 4400 | 520 | 310 | 580 | 90 | 8 | 80 | 45 | 5500x2200x4000 |
| 600T/6000 | 6000 | 6000 | 5400 | 520 | 310 | 580 | 90 | 8 | 80 | 45 | 6500x2200x4000 |
| 600T/7000 | 6000 | 7000 | 6400 | 520 | 310 | 580 | 90 | 8 | 80 | 45 | 7700x2200x4000 |
| 600T/8000 | 6000 | 8000 | 7100 | 520 | 310 | 580 | 90 | 8 | 80 | 45 | 8750x3550x2500 |
| 800T/3200 | 8000 | 3200 | 2600 | 540 | 320 | 600 | 90 | 8 | 80 | 55 | 3550x2550x3800 |
| 800T/4000 | 8000 | 4000 | 3400 | 540 | 320 | 600 | 90 | 8 | 80 | 55 | 4450x2550x3800 |
| 800T/6000 | 8000 | 6000 | 5400 | 540 | 320 | 600 | 90 | 8 | 80 | 55 | 6000x3600x2500 |
| 800T/8000 | 8000 | 8000 | 7100 | 540 | 320 | 600 | 90 | 8 | 80 | 55 | 9000x3800x2700 |

FEATURES:

- Standard three axis control (Y1, Y2, X)
- Mechanical torque synchronization
- Domestic famous hydraulic integrated system
- Schneider or Siemens low-voltage electrical
- Inverter control motor operation
- Imported seals
- Ball screw back gauge operation control
- Standard upper and lower moulds
(upper inclined block type deflection compensation)

Specifications are subject to changed without prior notice.



TP10S/ES10 NC Controller



Hardened Die And Punch
(42crmo4)



E21 Controller Optional

PRESS BRAKE

ALL ELECTRIC BENDING MACHINE SERVO PRESS BRAKE



FEATURES

- **Stable and Durable:** All adopt imported servo motors to ensure the accuracy and stability of the machinery, and it is also durable.
- **High precision and long service life:** The screw guide rails are all imported C5 grade products with high precision, excellent performance, and long service life. The minimum movement setting unit for the Y-axis is 0.005mm.
- **Especially power-saving:** The difference in electricity consumption between the fully electric servo bending machine and the electro-hydraulic servo bending machine is similar to the difference between variable frequency air conditioning and ordinary air conditioning. The fully electric servo bending machine automatically outputs appropriate power and energy according to the working conditions, and consumes less than 0.5KW of electricity when idle, so it is particularly energy - saving.
- **Green and environmentally friendly:** No need to use or replace hydraulic oil, ending the pollution of waste hydraulic oil to the environment.

BACK GAUGE STRUCTURE

- The crossbeam is processed with high-quality carbon steel, and the overall structural design is simple, compact, and stable, resulting in fast speed and high accuracy.
- The standard configuration for the rear material blocking of this machine is X and Y axes, with 2 adjustable blocking fingers.



| MODEL | X-AXIS | R-AXIS | Z-AXIS |
|----------------------|-------------------------|---------|---------|
| Positioning speed | 500mm/s | 125mm/s | 700mm/s |
| Repetitive accuracy | 0.01mm | 0.1mm | 0.1mm |
| Positioning accuracy | 0.01mm | 0.01mm | 0.1mm |
| Positioning method | Automatic (servo motor) | | |

Specifications are subject to changed without prior notice.

PRESS BRAKE

ALL ELECTRIC BENDING MACHINE SERVO PRESS BRAKE

SINGLE CYLINDER TECHNICAL PARAMETER

| MODEL | EP 3T/200 | EP 6T/400 | EP 12T/600 | EP 20T/800 |
|--|--------------|--------------|---------------|---------------|
| Nominal machine pressure | 3 | 6 | 12 | 20 |
| Workbench | 200 | 400 | 600 | 800 |
| Column spacing | 296 | 370 | 520 | 720 |
| Throat depth | 150 | 180 | 200 | 250 |
| Slide travel | 80 | 120 | 120 | 120 |
| Maximum opening height | 420 | 420 | 450 | 420 |
| Rear stop travel | 150 | 180 | 200 | 350 |
| Bone block running maximum | 200 | 200 | 200 | 200 |
| speed main motor power | 1.5x1 | 4.5x1 | 7.5x1 | 7.5 |
| Number of axis | 3(Y,X,R) | 3(Y,X,R) | 3(Y,X,R) | 3(Y,X,R) |
| Main frame dimensions (Length x width x height) | 780x800x1760 | 780x930x2100 | 760x1040x2150 | 1020x970x2100 |
| Machine weight | 450 | 900 | 1050 | 1800 |

DUAL CYLINDER TECHNICAL PARAMETER

| MODEL | EP 12T/600S | EP 20T/800S | EP 35T/1250S | EP 40T/1600S |
|--|---------------|----------------|----------------|----------------|
| Nominal machine pressure | 12 | 20 | 35 | 40 |
| Workbench | 600 | 800 | 1250 | 1600 |
| Column spacing | 520 | 720 | 1160 | 1510 |
| Throat depth | 200 | 250 | 300 | 300 |
| Slide travel | 120 | 120 | 150 | 150 |
| Maximum opening height | 450 | 420 | 450 | 470 |
| Rear stop travel | 200 | 350 | 500 | 500 |
| Bone block running maximum | 200 | 200 | 200 | 200 |
| speed main motor power | 4.5x2 | 5.0x2 | 8.7x2 | 11x2 |
| Number of axis | 4(Y1,Y2,X,R) | 4(Y1,Y2? X,R) | 4(Y1,Y2? X,R) | 4(V1,Y2? X,R) |
| Main frame dimensions (Length x width x height) | 960x1050x2150 | 1160x1040x2150 | 1400x1350x2150 | 1750x1380x2150 |
| Machine weight | 1400 | 1600 | 2680 | 3300 |

BENDING MACHINE SYSTEM

- English interfaces.
- Programming is simple and easy to operate, with smooth and seamless interface operations from program, mold, synthesis, programming to bending.
- 2D graphic programming, display, simulation functions, high-speed acceleration and deceleration algorithms, and other functions.

Specifications are subject to changed without prior notice.

PANEL BENDER

CNC PANEL BENDER



PRESSURE ARM TYPE

PRODUCTION PROCESSING

- **High standard castings:** The core framework of the equipment adopts high standard QT500-7 and Ht250 castings, and the cast parts are measured by testing instruments after being fired. The framework undergoes precise finite element stress analysis and adopts a stable triangular interconnection design, greatly ensuring stability under high tonnage impact forces.
- **High standard welding:** Carbon dioxide shielded welding is used throughout the entire welding process, and full welding process is used at the welding site to ensure that the welded workpiece is firm and aesthetically pleasing.
- **Stress relief treatment:** The support table for castings and welding adopts a high-precision temperature controlled furnace, and undergoes multiple heat treatment processes such as tempering and annealing according to the temperature curve corresponding to the material. After a long period of full frequency vibration aging treatment, the internal stress of the workpiece is released, and it does not deform after long-term use.
- **Precision machining:** Different fixtures are designed for different workpieces, and high-precision multi axis machining centers are used to perform precision machining on the workpieces, ensuring consistency in accuracy before and after clamping.
- **Strict testing:** Using a high-precision micrometer U-meter, combined with a marble platform and a marble square with a longer service life, precise measurements are taken for each workpiece, and the processing quality of each workpiece is strictly controlled, layer by layer, to ensure that the assembly accuracy of the entire machine meets the standards of high-precision machine tools.

Specifications are subject to changed without prior notice.

PANEL BENDER

CNC PANEL BENDER

| MODEL | UNIT | PFPB-1200 | PFPB-1500 |
|-------------------------------|------|--|--|
| Bending length | mm | 1200 | 1500 |
| Plate length | mm | 1250 | 1600 |
| Plate width | mm | 1000 | 1250 |
| Bending height | mm | 120 | 170/300 (optional) |
| Min forming size (four sides) | mm | 170x100 | 210x100 |
| Min forming size(one side) | mm | 200 | 230 |
| Min. radius | mm | 1.2 | 1.2 |
| Max continuous beading speed | S | 0.2 | 0.2 |
| Opening height | mm | 120 | 170 |
| Bending angle | | 0-360° (Aluminum plate): 2.0 | 0-360° (Aluminum plate): 2.0 |
| Max material thickness | mm | (Cold rolled plate): 1.5 (Stainless steel): 0.8 | (Cold rolled plate): 1.5 (Stainless steel): 0.8 |
| Control system | | Star300-LGX | Star300-LGX |
| Operating system | | Win7 + OS (sucking disc) | Win7 + OS (sucking disc) |
| Axis | | Standard 13 axis configuration | Standard 13 axis configuration |
| Machine dimension (LxWxH) | mm | 3000x1500x2050 | 3700x1800x2500 |
| Machine weight | kg | 6500 | 10000 |

APPLICATION INDUSTRIES

Furniture



Decoration



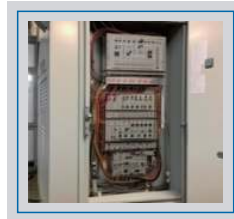
Filling Cabinet



Electrical Cabinet



Kitchenware



Specifications are subject to changed without prior notice.

PANEL BENDER

CNC PANEL BENDER



SUCTION CUP TYPE

PRODUCT OVERVIEW

- BP series is a new generation of full automatic panel bending center. It is a benchmark product that the sheet metal manufacturing industry has stepped into automatic production, saving the human resources, and also the bending speed is 3 times that the traditional bending machine, reaching 0.5 s/ time. Full servo control can keep the product precision within 3s.

HIGH QUALITY SPARE PARTS



Taiwan Hiwin linear guide



Taiwan Tbi motion ball screw



Yaskawa or Sanyo servo motors



Japanese Nsk Bearings



Taiwan APEX gearbox

Specifications are subject to changed without prior notice.

PANEL BENDER

CNC PANEL BENDER

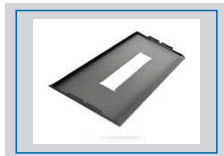
| MODEL | UNIT | PFPB-2000 | PFPB-2500 |
|---------------------------|------|---|---|
| Bending length | mm | 2000 | 2500 |
| Plate length | mm | 2200 | 2800 |
| Plate width | mm | 1800 | 2200 |
| Bending height | mm | 170(Customizable up to 300) | 170(Customizable up to 300) |
| Feeding method | | Compression arm | Compression arm |
| Bending speed | S | 0.2 cut | 0.2/cut |
| Opening height | mm | 170 | 170 |
| Angle | ° | 0-360° | 0-360° |
| Material thickness | mm | Aluminum plate:2.5 Cold plate:1.5 stainless steel:1.0 | Aluminum plate:3.0 Cold plate:2.5 stainless steel:1.2 |
| Numerical system | | SL300-PCX | SL300-PCX |
| Operating system | os | Win7+os | Win7+os |
| Axis | axis | Standard 13axis | Standard 13axis |
| Machine dimension (LxWxH) | mm | 15axis, 18axis optional | 15axis, 18axis optional |
| Machine weight | kg | 5000x2200x2800 | 5700x3000x2800 |
| | | 16000 | 22000 |

JOB SAMPLES

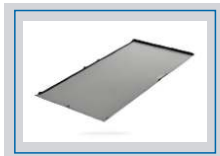
Furniture



Light Boxes



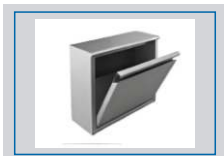
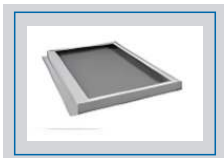
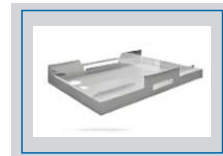
Wall And Ceiling



Electrical Cabinet



Kitchenware



Specifications are subject to changed without prior notice.

NC SHEARING

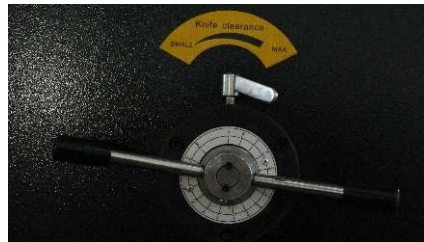
NC SWING-BEAM HYDRAULIC SHEARING MACHINE (NCS SERIES)



STANDARD FEATURES:



High Tensile Strength Hold Downs



Manual Blade Gap Adjustment



ESTUN E21S Control System



France Schneider Electric Controls



Germany Siemens Motor with Sunny Pump



Pipe Connectors



Germany Bosch Rexroth Hydraulic System



Backgauge Motor



Backgauge With Double Lm Guides & Ball Screw

Specifications are subject to changed without prior notice.

NC SHEARING

NC SWING-BEAM HYDRAULIC SHEARING MACHINE (NCS SERIES)

| MODEL | THICKNESS | Width | Distance between Column | Cutting Angle | Material Intension | Height of working table | Backgauge | Strokes | Power | Oil Volume | Overall Dimension | Weight |
|---------|-----------|-------|-------------------------|---------------|--------------------|-------------------------|----------------------------|-------------|-------|------------|-------------------|--------|
| TYPE | (mm) | (mm) | (mm) | (°) | (KN/CM) | (mm) | Travel (mm) Speed (mm/sec) | Strokes/min | KW | (Ltr) | LxWxH (mm) | (kgs.) |
| 4x2500 | 4 | 2500 | 2600 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 4 | 200 | 3000x1600x1650 | 2500 |
| 4x3200 | 4 | 3200 | 3320 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 5.5 | 200 | 4600x1700x1700 | 5500 |
| 4x6000 | 4 | 6000 | 6100 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 7.5 | 200 | 6460x2100x3200 | 100000 |
| 6x2500 | 6 | 2500 | 2620 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 7.5 | 200 | 3040x1610x1620 | 4200 |
| 6x3200 | 6 | 3200 | 3320 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 7.5 | 300 | 3840x1610x1620 | 5000 |
| 6x4000 | 6 | 4000 | 4120 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 7.5 | 250 | 4620x1750x1700 | 6000 |
| 6x5000 | 6 | 5000 | 5130 | 1° 30° | ≤450 | 700 | 500 600 | 8-10 | 11 | 200 | 5400x1800x1900 | 10000 |
| 6x6000 | 6 | 6000 | 6200 | 1° 30° | ≤450 | 700 | 500 600 | 8-10 | 11 | 300 | 6480x2100x2300 | 13000 |
| 8x2500 | 8 | 2500 | 2620 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 11 | 200 | 3040x1700x1700 | 4700 |
| 8x3200 | 8 | 3200 | 3320 | 1° 30° | ≤450 | 700 | 500 600 | 12-15 | 11 | 250 | 3860x1700x1700 | 5500 |
| 8x4000 | 8 | 4000 | 4120 | 1° 30° | ≤450 | 700 | 500 600 | 8 | 11 | 300 | 4640x1700x1700 | 5700 |
| 8x5000 | 8 | 5000 | 5130 | 1° 30° | ≤450 | 700 | 500 600 | 8 | 11 | 400 | 5400x2100x2000 | 11500 |
| 8x6000 | 8 | 6000 | 6200 | 1° 30° | ≤450 | 700 | 500 600 | 10 | 15 | 800 | 6480x2100x2350 | 14500 |
| 10x2500 | 10 | 2500 | 2630 | 1° 30° | ≤450 | 700 | 500 600 | 10 | 15 | 200 | 3040x1700x1700 | 5000 |
| 10x3200 | 10 | 3200 | 3330 | 1° 30° | ≤450 | 700 | 500 600 | 8 | 15 | 250 | 3860x1700x1700 | 6000 |
| 10x4000 | 10 | 4000 | 4130 | 1° 30° | ≤450 | 700 | 500 600 | 10 | 15 | 300 | 4650x2100x2000 | 7300 |
| 10x6000 | 10 | 6000 | 6150 | 1° 30° | ≤450 | 700 | 500 600 | 10 | 18.5 | 400 | 6500x2100x2300 | 16000 |
| 12x2500 | 12 | 2500 | 2665 | 2° | ≤450 | 700 | 500 600 | 8 | 18.5 | 800 | 3140x2150x2000 | 7500 |
| 12x3200 | 12 | 3200 | 3365 | 2° | ≤450 | 700 | 500 600 | 8 | 18.5 | 250 | 3880x2150x2000 | 8500 |
| 12x4000 | 12 | 4000 | 4165 | 2° | ≤450 | 700 | 500 600 | 6 | 18.5 | 300 | 4680x2150x2000 | 10000 |
| 12x5000 | 12 | 5000 | 5165 | 2° | ≤450 | 700 | 500 600 | 6 | 18.5 | 400 | 5900x2150x2000 | 14500 |
| 12x6000 | 12 | 6000 | 6265 | 2° | ≤450 | 680 | 500 600 | 12-15 | 18.5 | 800 | 6900x2600x2700 | 18000 |
| 12x8000 | 12 | 8000 | 8230 | 2° | ≤450 | 680 | 500 600 | 12-15 | 18.5 | 400 | 9000x3500x3500 | 30000 |
| 16x2500 | 16 | 2500 | 2690 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 400 | 3140x2150x2000 | 9000 |
| 16x3200 | 16 | 3200 | 3190 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 600 | 3880x2150x2000 | 10000 |
| 16x4000 | 16 | 4000 | 4190 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 800 | 4650x2150x2200 | 13500 |
| 16x5000 | 16 | 5000 | 5190 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 400 | 5900x2600x2700 | 22000 |
| 16x6000 | 16 | 6000 | 6190 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 400 | 6900x2700x2700 | 28000 |
| 16x8000 | 16 | 8000 | 8230 | 2° 30' | ≤450 | 680 | 500 600 | 12-15 | 22 | 600 | 9000x3500x3500 | 40000 |
| 20x2500 | 20 | 2500 | 2690 | 3° | ≤450 | 680 | 500 600 | 12-15 | 22 | 800 | 3440x2300x2500 | 11000 |
| 20x3200 | 20 | 3200 | 3190 | 3° | ≤450 | 680 | 500 600 | 12-15 | 22 | 1000 | 4150x2350x2700 | 12500 |
| 20x4000 | 20 | 4000 | 4190 | 3° | ≤450 | 680 | 500 600 | 12-15 | 22 | 1000 | 4850x2600x2700 | 15000 |
| 20x6000 | 20 | 6000 | 6190 | 3° | ≤450 | 680 | 500 600 | 12-15 | 30 | 1000 | 6700x3000x3000 | 31000 |
| 25x2500 | 25 | 2500 | 2730 | 3° | ≤450 | 680 | 500 600 | 12-15 | 37 | 1000 | 3200x2700x2900 | 13500 |
| 25x3200 | 25 | 3200 | 3230 | 3° | ≤450 | 680 | 500 600 | 12-15 | 37 | 1000 | 4200x2700x2900 | 16000 |
| 30x2500 | 30 | 2500 | 2730 | 3° | ≤450 | 680 | 500 600 | 12-15 | 37 | 1400 | 3300x2900x3000 | 16000 |
| 30x3200 | 30 | 3200 | 3230 | 3° 30' | ≤450 | 680 | 500 600 | 12-15 | 40 | 1400 | 4200x2900x3200 | 19000 |
| 40x2500 | 40 | 2500 | 2730 | 4° | ≤450 | 680 | 500 600 | 12-15 | 55 | 1600 | 3200x3300x3000 | 35000 |
| 40x3200 | 40 | 3200 | 3230 | 4° | ≤450 | 680 | 500 600 | 12-15 | 55 | 1600 | 4300x3300x3200 | 40000 |

FEATURES:

- Steel plate welded structure, hydraulic transmission, nitrogen cylinder return, convenient operation, reliable performance, beautiful appearance.
- Edge adjustment signs, adjusts lightly and quickly, continuously variable transmission.
- Lighting device on the line, and continuously variable adjustment of upper carrier itinerary.
- Fence type safety protection device
- Back gauge adopts Double Lm Guides & Ball Screw with low
- Noise and high precision.



EC07 CNC Shearing Controller (optional)



ESTUN E2IS Control System

Specifications are subject to changed without prior notice.

NC SHEARING

NC GUILLOTINE HYDRAULIC SHEARING MACHINE (NCGS SERIES)



STANDARD FEATURES:



High Tensile Strength Hold Downs



Manual Blade Gap Adjustment



ESTUN E21S Control System



France Schneider Electric Controls



Germany Siemens Motor with Sunny Pump



Nitrogen Cylinder



Germany Bosch Rexroth Hydraulic System



Backgauge Motor



Backgauge With Double Lm Guides & Ball Screw

Specifications are subject to changed without prior notice.

NC SHEARING

NC GUILLOTINE HYDRAULIC SHEARING MACHINE (NCGS SERIES)

| MODEL | CUTTING THICKNESS | Cutting Length | Distance between Column | Height of working table | Angle Range | Blade Clearance Adjustment | Backgauge | Main Power | Overall Dimension | Weight |
|-----------|-------------------|----------------|-------------------------|-------------------------|-------------|----------------------------|----------------------------|------------|-------------------|--------|
| TYPE | (mm) | (mm) | (mm) | (mm) | (°) | (mm) | Travel (mm) Speed (mm/sec) | (kw) | (mm) | (kgs.) |
| 4x1600 | 4 | 1600 | 1700 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 4 | 2050x1600x1500 | 1500 |
| 6x1600 | 6 | 1600 | 1700 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 4 | 2200x1700x1700 | 1800 |
| 6x2500 | 6 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 5.5 | 3140x1740x2040 | 4700 |
| 6x3200 | 6 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 5.5 | 3850x1770x2150 | 5500 |
| 6 x 4000 | 6 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 7.5 | 4830x1840x2150 | 6500 |
| 6x5000 | 6 | 5000 | 5190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 7.5 | 5830x1840x2150 | 10500 |
| 6x6000 | 6 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 7.5 | 6680x2100x2300 | 13500 |
| 8x2500 | 8 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 3140x1700x2100 | 5200 |
| 8x3200 | 8 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 3860x1700x2200 | 6000 |
| 8x4000 | 8 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 4640x1700x2200 | 7200 |
| 8x5000 | 8 | 5000 | 5190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 5400x2400x200 | 12000 |
| 8x6000 | 8 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 6500x1800x2200 | 15000 |
| 8x8000 | 8 | 8000 | 8200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 8580x2130x2350 | 18000 |
| 10x1600 | 10 | 1600 | 1700 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 2350x1600x1850 | 4100 |
| 10x2500 | 10 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 3140x1800x2300 | 5500 |
| 10x3200 | 10 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 3850x1830x2300 | 6500 |
| 10x4000 | 10 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 4650x1900x2300 | 7800 |
| 10x5000 | 10 | 5000 | 5190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 15 | 5750x1900x2300 | 13500 |
| 10x6000 | 10 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 15 | 6700x1900x2300 | 16500 |
| 10x8000 | 10 | 8000 | 8200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 15 | 8800x2200x2650 | 22000 |
| 12x1600 | 12 | 1600 | 1700 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 11 | 2100x2000x2450 | 4800 |
| 12x2500 | 12 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 15 | 3285x1830x2390 | 8000 |
| 12x3200 | 12 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 3850x1830x2390 | 9000 |
| 12x4000 | 12 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 4850x1830x2390 | 10500 |
| 12x6000 | 12 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 6850x1930x2650 | 18000 |
| 12x8000 | 12 | 8000 | 8200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 8950x2130x2850 | 30000 |
| 12x9000 | 12 | 9000 | 9200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 9980x2300x2950 | 50000 |
| 12x10000 | 12 | 10000 | 10200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 18.5 | 11050x2500x3100 | 70000 |
| 16x2500 | 16 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 3440x1940x2830 | 9000 |
| 16x3200 | 16 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 4010x1940x2830 | 10000 |
| 16x4000 | 16 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 5010x1980x2830 | 13500 |
| 16x5000 | 16 | 5000 | 5190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 5900x2600x2830 | 22000 |
| 16x6000 | 16 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 6900x2700x1830 | 28000 |
| 16x8000 | 16 | 8000 | 8200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 8900x2900x3430 | 40000 |
| 20x1600 | 20 | 1600 | 1700 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 22 | 2400x1700x2200 | 6800 |
| 20x2500 | 20 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 30 | 3440x1980x2830 | 11000 |
| 20x3200 | 20 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 30 | 4010x1900x2830 | 12500 |
| 20x4000 | 20 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 30 | 4850x2600x2000 | 15000 |
| 20 x 6000 | 20 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 30 | 6700x3000x3000 | 31000 |
| 25x2500 | 25 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 3200x2700x3000 | 13500 |
| 25x3200 | 25 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 3800x2700x3000 | 12500 |
| 25x4000 | 25 | 4000 | 4190 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 4700x2700x3000 | 15000 |
| 25x6000 | 25 | 6000 | 6200 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 30 | 6700x3000x3000 | 60000 |
| 30x2500 | 30 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 3440x1900x2830 | 16000 |
| 30x3200 | 30 | 3200 | 3390 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 4200x1900x3000 | 19000 |
| 40x2500 | 40 | 2500 | 2690 | 680 | 0.5°-3° | 0.05-0.8 | 500 120 | 37 | 3440x2000x3000 | 35000 |



EC07 CNC Shearing Controller (optional)



Rake Angle Adjustment

Specifications are subject to changed without prior notice.

FEATURES:

- Steel plate welded structure, hydraulic transmission, nitrogen cylinder return, convenient operation, reliable performance, beautiful appearance.
- Compact design with minimized pipe connections for improved system reliability and easy maintenance.
- Precise, fast, and convenient adjustment of blade clearance for optimal performance.
- Minimizes plate distortion during shearing for better quality results.
- Improves precision and convenience by displaying accurate back gauge positions.

MECHANICAL SHEARING

MECHANICAL ELECTRIC SHEARING MACHINE



STANDARD FEATURES

- The Frame & table is fabricated with solid steel plates & heavy cross ribbings.
- Gear bush and rolling key is tempered.
- Movable Foot Pedal.
- Hand Operated Back Gauge **400 mm** with micro calibration setting.

STANDARD ACCESSORIES

- 4 Way HCHCR blade
- Finger safety guard
- Foot Pedal
- Gear Cover
- Tool Post Key
- Gear box with Chain drive & Fittings
- Electrical - schneider
- Manual Lubrication System



Specifications are subject to changed without prior notice.

MECHANICAL SHEARING

MECHANICAL ELECTRIC SHEARING MACHINE

| MODEL | MSC-2X1300 | MSC-2X1600 | MSC-3X1300 |
|---------------------------|------------------|------------------|-------------------|
| Cutting Cap | 1300x2mm | 1600x2mm | 1300x3mm |
| Stroke Per Minute | 33 | 33 | 33 |
| Table Height | 720mm | 720mm | 780mm |
| Table Width | 300mm | 300mm | 360mm |
| Rear Gauge | 400mm | 400mm | 400mm |
| Motor (HP/kw) | 4/3 | 4/3 | 6/4.5 |
| Blade (LxWxT) | 1030x60x20mm | 1620x60x20mm | 1320x60x20mm |
| Overall Dimension (LxWXH) | 1800x680x1100 mm | 2100x680x1100 mm | 1900x1100x1200 mm |
| Weight | 380 kg | 420 kg | 830 kg |

| MODEL | MSC-4X1300 | MSC-4X1600 | MSC-2X2500 |
|---------------------------|-------------------|-------------------|-------------------|
| Cutting Cap | 1300x4mm | 1600x4mm | 2500x2mm |
| Stroke Per Minute | 33 | 33 | 33 |
| Table Height | 780mm | 780mm | 780mm |
| Table Width | 360mm | 360mm | 360mm |
| Rear Gauge | 400mm | 400mm | 400mm |
| Motor (HP/kw) | 7.4/5.5 | 7.4/5.5 | 7.4/5.5 |
| Blade (LxWxT) | 1320x60x20mm | 1620x60x20mm | 2530x60x20mm |
| Overall Dimension (LxWXH) | 1900x1100x1200 mm | 2200x1100x1200 mm | 3100x1050x1150 mm |
| Weight | 850 kg | 1000 kg | 1400 kg |

| MODEL | MSC-6X1300 | MSC-6X1600 | MSC-4X2500 |
|---------------------------|-------------------|-------------------|-------------------|
| Cutting Cap | 1300x6mm | 1600x6mm | 2500x4mm |
| Stroke Per Minute | 33 | 33 | 33 |
| Table Height | 780mm | 780mm | 780mm |
| Table Width | 360mm | 360mm | 360mm |
| Rear Gauge | 400mm | 400mm | 400mm |
| Motor (HP/kw) | 10/7.5 | 10/7.5 | 10/7.5 |
| Blade (LxWxT) | 1320x60x20 | 1620x60x20 | 2530x60x20mm |
| Overall Dimension (LxWXH) | 1900x1100x1200 mm | 2200x1100x1250 mm | 3100x1050x1250 mm |
| Weight | 1900 kg | 1400 kg | 1900 kg |

Specifications are subject to changed without prior notice.

POWER PRESS

"C" TYPE POWER PRESS



| MODEL | | BCP-5 | BCP-10 | BCP-20 | BCP-30 | BCP-50 |
|------------------------------------|-----|------------------|------------------|--------------------|----------------|----------------|
| CAPACITY IN TONS | | 5 | 10 | 20 | 30 | 50 |
| Crankshaft Diameter | MM | 85 | 105 | 123 | 140 | 118 |
| Adj. Stroke Length | MM | 38 | 50 | 63 | 76 | 90 |
| Adjustment of Ram | MM | 25 | 25 | 25 | 25 | 30 |
| Ram Face Size | MM | 190 x 100 | 240 x 114 | 292 x 127 | 317x140 | 305x204x483 |
| Punch Hole in Ram | MM | 25 | 25 | 32 | 38 | 38 |
| Hole in Bed | MM | 63 | 76 | 82 | 89 | 150 |
| Bed Size | MM | 355 x 178 | 432 x 228 | 534 x 305 | 585x355 | 508x762 |
| Bed Thickness | MM | 50 | 58 | 63 | 70 | 70 |
| Dist.between bed to Ram | MM | 177 | 204 | 254 | 292 | 330 |
| Flywheel Weight | Kg. | 50 | 70 | 90 | 110 | 280 |
| Stroke per minute | MM | 80 | 80 | 45 | 40 | 812 |
| H.P.Required for Geared (1440 RPM) | HP | 1 | 1.5 | 2 | 3 | 60 |
| For Ung geared (960 RPM) | HP | 1 | 2 | 3 | 5 | 5 |
| Floor To Top of Bed | MM | 700 | 725 | 750 | 750 | 762 |
| All Over Size (LR x FB x H) | MM | 700 x 600 x 1600 | 800 x 800 x 1900 | 1000 x 1000 x 2100 | 1000x1100x2200 | 2490x1090x1142 |
| Weight Approximate | Kg. | 350 | 600 | 1100 | 1400 | 2250 |

STANDARD ACCESSORIES

- Motor Pulley
- Slide Adj. Spanner
- Fly wheel & Gear guard
- Oil cups for lubrication point.
- Knock-out system

OPTIONAL ACCESSORIES

- Tow hand operated clutch.
- Single /Continuous stroke
- Automatic lubrication pump
- Electric motor, Starter and V-belts
- Extra base plate
- Inclinaible type

SPECIAL FEATURES

FRAME: The frame is of all steel construction, fabricated from rolled steel plates with suitable cross ribbings. The structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

CLUTCH: The clutches of pin/rolling key-type and well supported with high rigidity. The Clutch is made of special alloy steel, the pin / rolling key is manufactured from W.P.S. / EN24 material & with proper heat treatment to ensure trouble free long life & give continues stroke for mass production.

CRANK SHAFT: The Crank shaft is made of special alloy steel with precisely machined to grind finish having closed accuracy and fitted in bronze bushes for smooth working, longer life with consistent performance.

ADJUSTABLE STROKE: The unique feature of adjustable stroke enables the press to perform all kinds of operations by employing short stroke for blanking and forming operation.

| MODEL | | BCP-75 | BCP-100 | BCP-150 | BCP-200 |
|------------------------------------|-----|----------------|----------------|----------------|----------------|
| CAPACITY IN TONS | | 75 | 100 | 150 | 200 |
| Crankshaft Diameter | MM | 140 | 165 | 190 | 210 |
| Adj. Stroke Length | MM | 100 | 115 | 125 | 150 |
| Adjustment of Ram | MM | 30 | 35 | 40 | 40 |
| Ram Face Size | MM | 356x229x534 | 407x254x585 | 457x280x610 | 508x330x660 |
| Punch Hole in Ram | MM | 45 | 50 | 55 | 60 |
| Hole in Bed | MM | 175 | 200 | 225 | 268 |
| Bed Size | MM | 560x812 | 685x940 | 735x1015 | 812x1220 |
| Bed Thickness | MM | 75 | 75 | 90 | 100 |
| Dist.between bed to Ram | MM | 355 | 430 | 480 | 508 |
| Flywheel Weight | Kg. | 350 | 450 | 700 | 900 |
| Stroke per minute | MM | 915 | 990 | 1117 | 1220 |
| H.P.Required for Geared (1440 RPM) | HP | 55 | 50 | 45 | 40 |
| For Ung geared (960 RPM) | HP | 5 | 7 | 10 | 15 |
| Floor To Top of Bed | MM | 762 | 762 | 762 | 762 |
| All Over Size (LR x FB x H) | MM | 2640x1168x1295 | 2997x1320x1525 | 3098x1676x1728 | 3505x1930x2032 |
| Weight Approximate | Kg. | 3200 | 4650 | 6600 | 9100 |

Specifications are subject to changed without prior notice.

POWER PRESS

"C" TYPE HYDRAULIC PRESS



| MODEL | | BHCP-20 | BHCP-30 | BHCP-40 | BHCP-50 |
|---|-----|-----------|-----------|-----------|-----------|
| CAPACITY IN TONS | | 20 | 30 | 40 | 50 |
| Adj. Stroke Length Max | MM | 75 | 100 | 125 | 150 |
| Punch Hole in Ram | MM | 25 | 32 | 38 | 45 |
| Bed Size (Left to Right x Front to Back) | MM | 450 x 300 | 500 x 350 | 600 x 400 | 650 x 420 |
| Dist.between bed to Ram | MM | 178 | 229 | 254 | 279 |
| Stroke Per Minute | SPM | 40 | 38 | 36 | 36 |
| H.P.Required | HP | 3 | 5 | 5 | 7.5 |
| Oil Tank (Litre) | LTR | 80 | 110 | 110 | 160 |
| Floor To Top of Bed | MM | 800 | 800 | 800 | 850 |
| Weight Approximate | Kg. | 1050 | 1200 | 1600 | 2000 |

STANDARD ACCESSORIES

- Main Drive Motor
- Power Pack with All Hydraulic Component
- Electrical Control Panel with Limit Switch & Foot Paddle Switch
- Slide Adjustment Spanner

EXTRA ACCESSORIES

- Safely Light Curtain (SENSOR)
- Stock Counter In Panel
- Two Hand Operated Push Buttons

SALIENT FEATURES

- Limit Switch to Easy Die Adjustment
- Adjustable Hydraulic Pressure valve for Different Work to avoid accident
- Machine All Part Move in Linear motion to Reduce Maintenance
- Efficient Compact Salient Power pack
- Electrical Control Panel With Selection of Auto - Including - Manual Mode of Operation
- Movable Foot Switch for Operation From Safe Position
- Application: Punching, Stamping, forming, Embossing, Cutting, Bending and RivetinEtc.

| MODEL | | BHCP-65 | BHCP-80 | BHCP-100 | BHCP-150 | BHCP-200 |
|---|-----|-----------|-----------|----------|----------|----------|
| CAPACITY IN TONS | | 65 | 80 | 100 | 150 | 200 |
| Adj. Stroke Length Max | MM | 175 | 200 | 225 | 250 | 300 |
| Punch Hole in Ram | MM | 45 | 51 | 51 | 57 | 63 |
| Bed Size (Left to Right x Front to Back) | MM | 700 x 450 | 750 x 550 | 850x600 | 1000x700 | 1100x800 |
| Dist.between bed to Ram | MM | 279 | 330 | 381 | 400 | 425 |
| Stroke Per Minute | SPM | 33 | 42 | 50 | 36 | 38 |
| H.P.Required | HP | 7.5 | 7.5 | 10 | 15 | 20 |
| Oil Tank (Litre) | LTR | 160 | 275 | 340 | 460 | 460 |
| Floor To Top of Bed | MM | 850 | 850 | 850 | 850 | 850 |
| Weight Approximate | Kg. | 2200 | 3000 | 4000 | 5600 | 8000 |

Specifications are subject to changed without prior notice.

POWER PRESS

CROSS SHAFT POWER PRESS



PRODUCT OVERVIEW

- With high rigidity design in machine frame, the machine body is welded by quality steel and treated by tension elimination improve stability and reliability of precision for the machine.
- Keep the transmission center and machine center in uniformity guarantee the precision of pressing.

| MODEL | UNIT | APA-25 | APA-45 | APA-63 | APA-80 |
|----------------------------|--------------------|---------------|------------------|----------------|----------------|
| Model | | V | V | V | V |
| Capacity | Ton | 25 | 45 | 63 | 80 |
| Rated Tonnage Point | mm | 3.2 | 3.2 | 4 | 4 |
| Speed Changing | s.p.m | 60-140 | 40-100 | 35-90 | 35-80 |
| Stable Speed | s.p.m | 110 | 75 | 65 | 65 |
| Stroke | mm | 60 | 80 | 120 | 150 |
| Die Height | mm | 200 | 250 | 310 | 340 |
| Slide Adjustment | mm | 50 | 60 | 75 | 80 |
| Slide Area | mm | 300x220x50 | 400x300x60 | 500x360x70 | 560x420x70 |
| Bolster Area | mm | 680x300x70 | 850x440x80 | 900x500x80 | 1000x550x90 |
| Shank Hole | mm | Φ38.1 | Φ38.1 | Φ50 | Φ50 |
| Main Motor | kw | 3.7 | 55 | 5.5 | 7.5 |
| Slide Adjust Device | HP | | Manual Operation | | |
| Air Pressure | kg/cm ² | 6 | 6 | 6 | 6 |
| Presses Precislon | | | Gb (JIS)1 Class | | |
| Presses Dimension | mm | 1280x850x2200 | 1600x950x2500 | 1600x1000x2800 | 1800x1180x2800 |
| Die Cushion Capacity | Ton | - | 2.3 | 3.6 | 3.6 |
| Stroke | mm | - | 50 | 70 | 70 |
| Die Cushion Effective Area | mm ² | - | 300x230 | 350x300 | 450x310 |

Specifications are subject to changed without prior notice.

POWER PRESS

CROSS SHAFT POWER PRESS

| MODEL | UNIT | APA-110 | APA-125 | APA-160 | APA-200 |
|----------------------------|--------|----------------|------------------|----------------|----------------|
| Model | | V | V | V | V |
| Capacity | Ton | 110 | 125 | 160 | 200 |
| Rated Tonnage Point | mm | 6 | 6 | 6 | 6 |
| Speed Changing | s.p.m | 30-60 | 30-60 | 20-50 | 20-50 |
| Stable Speed | s.p.m | 50 | 50 | 35 | 35 |
| Stroke | mm | 180 | 180 | 200 | 200 |
| Die Height | mm | 360 | 360 | 460 | 460 |
| Slide Adjustment | mm | 80 | 80 | 100 | 110 |
| Slide Area | mm | 650x470x80 | 650x470x80 | 700x550x90 | 850x650x90 |
| Bolster Area | mm | 1150x600x110 | 1150x600x110 | 1250x800x140 | 1400x820x160 |
| Shank Hole | mm | Φ50 | Φ50 | Φ65 | Φ65 |
| Main Motor | kw | 11 | 11 | 15 | 18.5 |
| Slide Adjust Device | HP | | Manual operation | | |
| Air Pressure | kg/cm2 | 6 | 6 | 6 | 6 |
| Presses Precislon | | | GB(JIS)1class | | |
| Presses Dimension | mm | 1900x1300x3200 | 1900x1300x3200 | 2300x1400x3800 | 2615x1690x4075 |
| Die Cushion Capacity | Ton | 6.3 | 6.3 | 10 | 14 |
| Stroke | mm | 80 | 80 | 80 | 100 |
| Die Cushion Effective Area | mm2 | 500x350 | 500x350 | 650x420 | 710x480 |

| MODEL | UNIT | APA-260 | APA-315 | APA-400 |
|----------------------------|--------|----------------|------------------|----------------|
| Model | | V | V | V |
| Capacity | Ton | 260 | 315 | 400 |
| Rated Tonnage Point | mm | 7 | 8 | 8 |
| Speed Changing | s.p.m | 20-40 | 20-40 | 20-40 |
| Stable Speed | s.p.m | 30 | 30 | 30 |
| Stroke | mm | 250 | 250 | 250 |
| Die Height | mm | 500 | 500 | 550 |
| Slide Adjustment | mm | 120 | 120 | 130 |
| Slide Area | mm | 950x700x100 | 1250x750x100 | 1350x800x100 |
| Bolster Area | mm | 1500x840x180 | 1600x860x190 | 1650x900x200 |
| Shank Hole | mm | Φ65 | Φ65 | Φ65 |
| Main Motor | kw | 22 | 30 | 37 |
| Slide Adjust Device | HP | | Manual operation | |
| Air Pressure | kg/cm2 | 6 | 6 | 6 |
| Presses Precislon | | | GB(JIS)1class | |
| Presses Dimension | mm | 2780x1850x4470 | 2910x 1950x4500 | 3180x2150x5025 |
| Die Cushion Capacity | Ton | 14 | 14 | 14 |
| Stroke | mm | 100 | 100 | 100 |
| Die Cushion Effective Area | mm2 | 810x480 | 710x480 | 710x480 |

Specifications are subject to changed without prior notice.

HYDRAULIC PRESS

"H" TYPE HYDRAULIC PRESS



HAND OPERATED



POWER OPERATED

| Capacity In Tonnes | Distance Between Column | Distance Between Ram To Bed | Stroke |
|--------------------|-------------------------|-----------------------------|--------|
| 5 | 160x400 | 125x500 | 75 |
| 15 | 200x750 | 150x650 | 100 |
| 25 | 280x800 | 175x800 | 125 |
| 40 | 375x950 | 175x900 | 140 |
| 60 | 425x1010 | 175x900 | 150 |
| 75 | 450x1125 | 175x900 | 150 |
| 100 | 500x1200 | 175x900 | 150 |
| 150 | 600x1300 | 200x1000 | 150 |

| Capacity In Tonnes | Distance Between Column | Distance Between Ram To Bed | Stroke | Motor HP |
|--------------------|-------------------------|-----------------------------|--------|----------|
| 5 | 160x400 | 125x500 | 75 | 2 |
| 15 | 200x750 | 150x650 | 100 | 3 |
| 25 | 280x800 | 175x800 | 125 | 3 |
| 40 | 375x950 | 175x900 | 140 | 3 |
| 60 | 425x1010 | 175x900 | 150 | 5 |
| 75 | 450x1125 | 175x900 | 150 | 5 |
| 100 | 500x1200 | 175x900 | 150 | 5 |
| 150 | 600x1300 | 200x1000 | 150 | 7.5 |
| 200 | 700x1400 | 400x1200 | 225 | 10 |
| 250 | 800x1500 | 400x1200 | 250 | 15 |
| 300 | 900x1600 | 400x1200 | 250 | 20 |

USE APPLICATION

- Auto Service Station
- Repairing Workshop
- Pressing of Ball Bearings
- Removal Of Old Bushes And Mounting New Bushes
- Straightening
- Pressing
- Baling
- Drawing
- Embossing
- Broaching
- Bending
- Breaking
- Joining of Steel
- In Plastic, Rubber & Plywood Industries
- In Electric Motors, Submersible Pump etc. Industries
- Gold/Silver Coin Monogram Embossing
- Mosaic Tiles
- Bakelite Parts
- Textile Part Industries

STRUCTURE

The process have good rigid structure for accurate works.

POWER PACK UNIT

Our Presses are powered by specially designed Power Pack Unit having Oil Breather (Hydroline), Oil Level Indicator (Hydroline), Suction Strainer (Hydroline), Gear pump (Bosch Rexroth), Flexible Coupling (Jeck Tech), Electric Motor (Crompton / Siemens), Hand Lever operated Direction Control Valve (Bosch Rexroth), Pressure Gauge (Air Master), Return Line Filter (Hydroline), Oil Tank (without oil), Internal & External Pipe Line etc.

HYDRAULIC CYLINDER

Our Presses are powered by specially designed Double Acting Hydraulic Cylinders. Cylinders manufactured out of quality steel. Cylinder bores will be honed to mirror finish or long life of piston seals. All chevron seals & bronze strip used for leak proof performance. Ram will be made from EN-8 material & surface ground hardened for long life of seals & corrosion resistance.

Specifications are subject to changed without prior notice.

BUS BAR

PROMAX BUS BAR BENDING-CUTTING-PUNCHING



| MODEL | SPECIFICATION | BB-50NC PROMAX | BB-80NC PROMAX |
|-----------------------|------------------------------|----------------|----------------|
| Punching | Max. Punching Force (KN) | 500 | 800 |
| | Punching Diameter Range (MM) | Ø4.3-Ø34 | Ø4.3-Ø25 |
| | Max. Thickness (MM) | 16 | 20 |
| | Max. Width (MM) | 250 | 300 |
| Shearing/ Cutting | Max. Shearing Thickness (MM) | 16 | 20 |
| | Max. Shearing Width (MM) | 250 | 300 |
| Vertical Bending | Max. Bending Force (KN) | 500 | 800 |
| | Max. Thickness (MM) | 16 | 20 |
| | Max. Width (MM) | 250 | 300 |
| Horizontal Bending | Max. Width (MM) | 120 | 250 |
| | Max. Angle (Degree) | 90° | 90° |
| | Max. Thickness (MM) | 16 | 20 |
| Out Dimension | Out Dimension | 1950*1560*1390 | 2060*1600*1560 |
| Power | Power | 3 x 5.5kw | 3 x 7.5kw |
| CNC Precision | Bending Precision | ±1° | ±1° |
| | Repeat Bending Precision | ±0.3° | ±0.3° |

SALIENT FEATURES

- The Bus bar bending, cutting & punching unit machine is technologically advanced, compact & versatile machine.
- The machine is designed to cater the requirement of bus bar preparation & almost all operations are included in one machine.
- This is a highly productive machine suiting to growing demand of Industries.
- The machine is equipped with three different & independent stations for All these stations work parallel to contribute High Productivity of machine.
- International quality hydraulic & electrical components ensure maintenance free long life....
- 3 PLC Control System with 3 Touch Screen HMI

STANDARD ACCESSORIES

- Main drive motor.
- Unhardened & ungrounded suitable bending tool
- Hardened & grounded HCHCr Blade on Shearing station
- Eight suitable die & punch on Punching Station.
- Compact Hydraulic power pack with built in control panel
- Separate foot switch for each station
- Cutting, Bending & punching All station servo

OPTIONAL ACCESSORIES

- Special tools for punching station
- Special tools for bending station
- High Speed Version
- First Fill of oil



SIEMENS PLC Control System



Electrical (Schneider)



Separate Ele. Motor & Hydraulic Pump for each working station.



Relief Valve (YUKEN)

Specifications are subject to changed without prior notice.

BUS BAR

BUS BAR BENDING-CUTTING-PUNCHING



BB-30NC/BB-50NC/BB-80NC

| MODEL | SPECIFICATION | BB-30M | BB-30NC | BB-50NC | BB-80NC |
|-----------------------|------------------------------|----------------|----------------|----------------|----------------|
| Punching | Max. Punching Force (KN) | 300 | 300 | 500 | 800 |
| | Punching Diameter Range (MM) | Ø4.3-Ø25 | Ø4.3-Ø25 | Ø4.3-Ø34 | Ø4.3-Ø34 |
| | Max. Thickness (MM) | 12 | 12 | 16 | 20 |
| Shearing/ Cutting | Max. Width (MM) | 160 | 160 | 250 | 300 |
| | Max. Shearing Thickness (MM) | 12 | 12 | 16 | 20 |
| Vertical Bending | Max. Shearing Width (MM) | 160 | 160 | 250 | 300 |
| | Max. Bending Force (KN) | 300 | 300 | 500 | 800 |
| | Max. Thickness (MM) | 12 | 12 | 16 | 20 |
| Horizontal Bending | Max. Width (MM) | 160 | 160 | 250 | 300 |
| | Max. Width (MM) | 100 | 100 | 120 | 250 |
| | Max. Angle (Degree) | 90° | 90° | 90° | 90° |
| Out Dimension | Max. Thickness (MM) | 12 | 12 | 16 | 20 |
| | Out Dimension | 1790*1400*1420 | 1790*1400*1420 | 1950*1560*1390 | 2060*1600*1560 |
| Power | Power | 4kw | 3 x 4kw | 3 x 5.5kw | 3 x 7.5kw |
| CNC Precision | Bending Precision | ±1° | ±1° | ±1° | ±1° |
| | Repeat Bending Precision | ±0.3° | ±0.3° | ±0.3° | ±0.3° |

SALIENT FEATURES

- The Bus bar bending, cutting & punching unit machine is technologically advanced, compact & versatile machine.
- The machine is designed to cater the requirement of bus bar preparation & almost all operations are included in one machine.
- This is a highly productive machine suiting to growing demand of Industries.
- The machine is equipped with three different & independent stations for All these stations work parallel to contribute High Productivity of machine.
- International quality hydraulic & electrical components ensure maintenance free long life...
- PLC Control System & Touch Screen HMI

STANDARD ACCESSORIES

- Main drive motor.
- Unhardened & ungrounded suitable bending tool
- Hardened & grounded HCHCr Blade on Shearing station
- Eight suitable die & punch on Punching Station.
- Compact Hydraulic power pack with built in control panel
- Separate foot switch for each station
- Gauge stopper on shearing station bending station & punching station.

OPTIONAL ACCESSORIES

- Special tools for punching station
- Special tools for bending station
- High Speed Version
- First Fill of oil



SIEMENS PLC Control System



Electrical (Schneider)



Separate Ele. Motor & Hydraulic Pump for each working station.



Relief Valve (YUKEN)

Specifications are subject to changed without prior notice.

BUS BAR

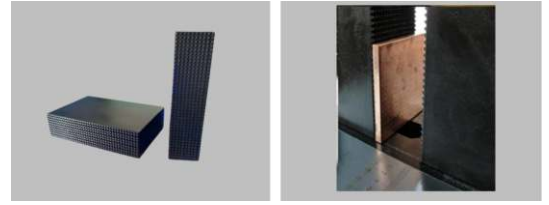
BUS BAR BENDING-CUTTING-PUNCHING



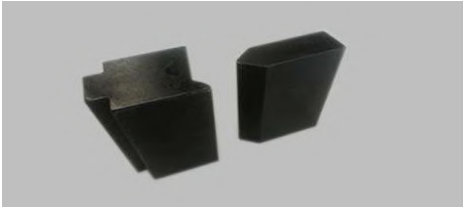
U shaped bending



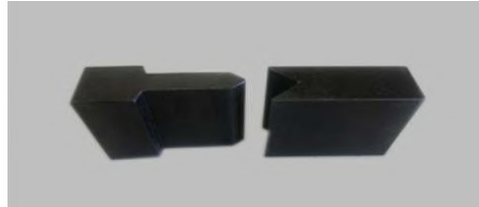
Horizontal bending



Embossing Molds (Optional)



Vertical bending dies (two sets, 4 pieces)



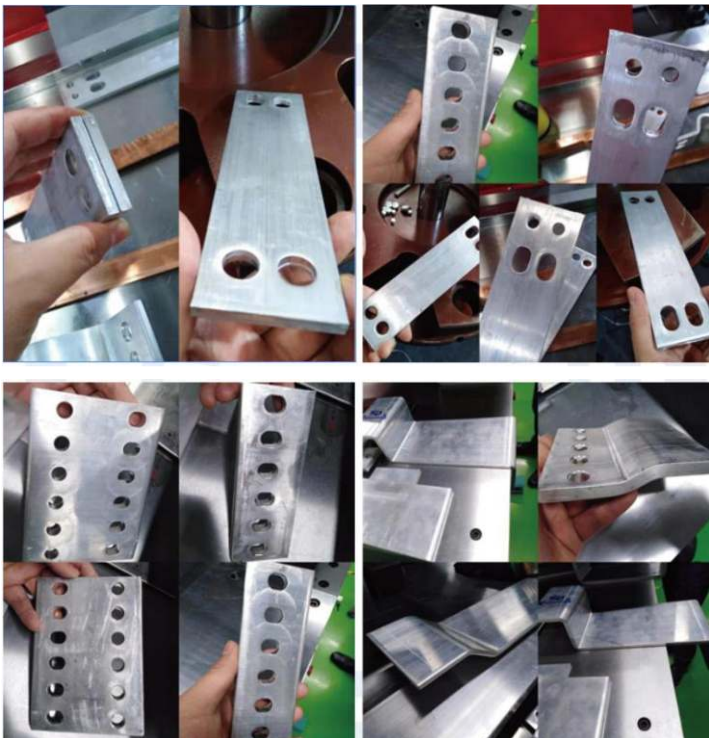
Twisting Bending Molds (Optional)



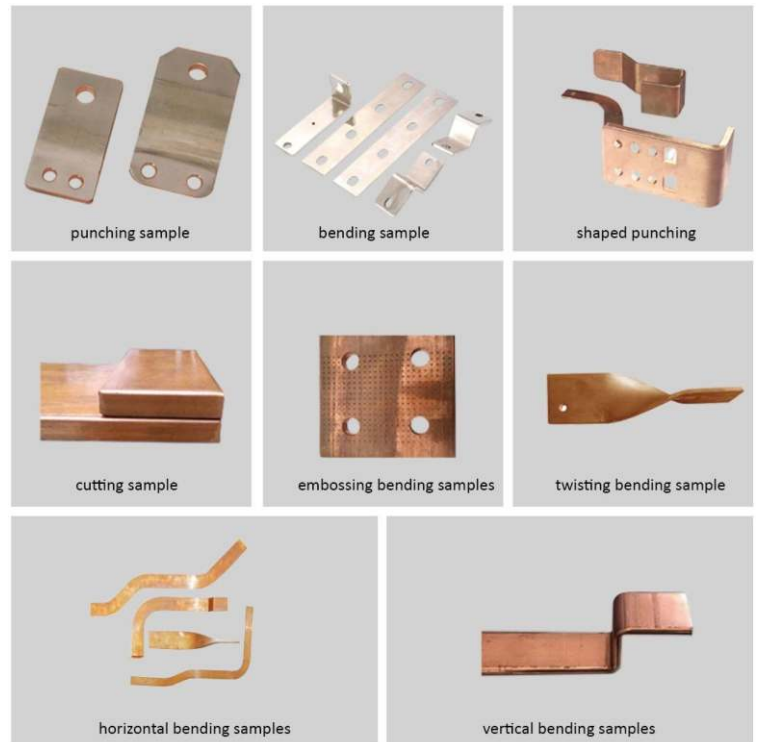
#40 Vertical bending
Suitable for thickness of 1-5mm



#80 Vertical bending
Suitable for thickness of 6-12mm



Aluminum Samples



Copper Samples

Specifications are subject to changed without prior notice.

BUS BAR

PORTABLE BUS BAR BENDING-CUTTING-PUNCHING MACHINE



FEAUTRES:

- The Bus bar bending, cutting & punching unit machine is technologically advanced, compact & versatile machine.
- The machine is designed to cater the requirement of bus bar preparation & almost all operations are included in one machine.
- The machine is equipped with three different stations.
- International quality hydraulic & electrical components ensure maintenance free long life.



Specifications are subject to changed without prior notice.

BUS BAR

PORTABLE BUS BAR BENDING-CUTTING-PUNCHING MACHINE

| MODEL | UNIT | 200B |
|----------------------|------|-------------------------------|
| Work piece | V | Copper and Aluminium Bus bar |
| Input voltage | KN | 220V |
| Rated oil presure | mm | 630 |
| Max. cut size | mm | 200x12 |
| Max. punch size | mm | 200x12 |
| Max bend size | mm | 200x12 |
| Table size | mm | 730(L)x900(w)x1150(H) |
| | mm | 7 |
| Diameter of standard | mm | 9 |
| Dies/mould | mm | 10.5 |
| | mm | 13.8 |
| Optical dies/mould | mm | 17,20.5 |
| | | As per customized requirement |
| Machine weight | kg | 195 |

Processing size of materials

| | |
|--------------------------|-------------------|
| Materials | Thickness (MM) |
| Processing Copper Busbar | 3-8MM (100-150mm) |
| Processing Aluminium | 3-12MM (200mm) |

CUTTING STATION



PUNCHING STATION



BENDING STATION



SCALE (BACK GAUGE) PROVIDED FOR SHEARING UNIT



WORKING TABLE



PUNCHING DIES



CRIMPING STATION (AVAILABLE IN 200B PRO+)



PROXY LIMIT ARRANGEMENT PROVIDED FOR BENDING UNIT



ELECTRIC HYDRAULIC PUMP



LASER LIGHT (REFERENCES FOR THE PUNCHING UNIT) (AVAILABLE IN 200B PRO & PRO+)



Portable Busbar Processing Machine With 3 Different Variants (Model) - 200B, 200B PRO, 200B Pro+

Specifications are subject to changed without prior notice.

IRON WORKER

HYDRAULIC IRON WORKER



Schneider Components



Temperature Controller - L Series



Punching Station



Shearing Station



Notching Station



Angle Shearing



Round & Square Bar Shearing
Optional



"C" Channel cutting

Specifications are subject to changed without prior notice.

IRON WORKER

HYDRAULIC IRON WORKER

| MODEL | IW-60E/IW-60L | IW-90E/IW-90L | IW-120E/IW-120L | IW-160L | IW-200L | IW-250L |
|-------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| PUNCHING | | | | | | |
| Punching Pressure | 60 Ton | 90 Ton | 120 Ton | 160 Ton | 200 Ton | 250 Ton |
| Punching Capacity (Dia.xThk.) | 25x16 | 30x20 | 35x25 | 38x28 | 30x35 | 42x35 |
| Throat Depth | 300 | 355 | 400 | 600 | 560 | 550 |
| Maximum Stroke Length | 80 | 80 | 80 | 80 | 100 | 100 |
| Number of Strokes | 8-22/Min | 8-22/Min | 8-22/Min | 8-22/Min. | 8-22/Min. | 6-18/Min |
| PLATE SHEARING | | | | | | |
| Flat Shearing | 16x250 8x400 | 20x390 10x480 | 25x330 16x600 | 30x355 20x600 | 35x400 20x700 | 25x750 38x420 |
| Blade Length | 410 | 400 | 610 | 610 | 710 | 760 |
| Blade Cutting Angle | 7 | 8 | 8 | 8 | 8" | 8 |
| Plate Strength | <450 N/mm2 | <450 N/mm2 | <450 N/mm2 | <450 N/mm2 | <450N /mm2 | <450 N/mm2 |
| ANGLE SHEARING | | | | | | |
| Equal Angle 45 | 70x70x8 | 70x70x10 | 80x80x7 | 80x80x10 | 100x100x10 | 120x120x12 |
| Equal Angle 90" | 120x120x12 | 140x140x12 | 160x160x14 | 180x180x16 | 200x200x18 | 200x200x18 |
| BAR SHEARING | | | | | | |
| Round Bar | 45 | 50 | 60 | 65 | 70 | 75 |
| Square Bar | 40x40 | 45x45 | 50x50 | 55x55 | 60x60 | 65x65 |
| NOTCHING | | | | | | |
| Rectangular Notching (WxDxT) | 50x90x8 | 80x100x10 | 80x100x12 | 100x100x16 | 120x120x16 | 20x120x16 |
| SPECIAL TOOLING | | | | | | |
| C-Channel Shear | 126x53x5.5. | 160x60x6.5 | 200x75x9 | 280x86x11 | 300x89x11 | 320x92x12 |
| I-Beam Shear | 126x74x5.0 | 160x88x6.0 | 200x102x9 | 280x124x10 | 300x126x11 | 320x130x10 |
| POWER | | | | | | |
| Main Motor Power | 5.5kW | 7.5kW | 11kW | 15kW | 18.5kW | 20kW |
| Overall Dimensions (LxWxH) | 1650x800x1780 | 1950x900x1930 | 2355x980x2100 | 2680x1060x2380 | 2800x1260x2420 | 3200x1440x2450 |
| Gross Weight | 1800Kgs | 2600Kgs | 4800Kgs | 6800Kgs | 9200Kgs | 12800kgs |

Based On Material Strength 45kg/2 Tensile / Specification With * Marked are Optional

Standard Accessories



One Piece Round Punch



Angle Shear Blade



C - Channel Shear Blade



Plate Shear Blade



Rectangle Notching Blade



Electrical Back Gauge



Laser Light For Punching



Yuken / Rexroth Valves



Main Motor Siemens



Quick Lubrication Device

Optional Accessories :



Round & Square Shear Blade



I - Beam Shear Blade



V - Notching Blade



Louver Punching



Instruction Manual

Specifications are subject to changed without prior notice.

IRON WORKER

MECHANICAL IRON WORKER MACHINE

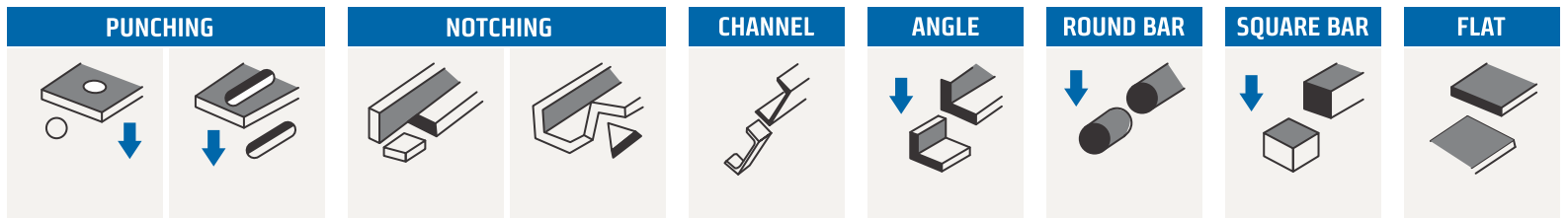


PRODUCT OVERVIEW

A Combined Punching and Shearing Machine is versatile, allowing both punching and shearing operation on sheet metal. It streamlines processes, enhancing efficiency in metal fabrication by performing multiple tasks in a single machine. This can save time, space, and resources in manufacturing operations.

TOOLING OPTIONS

These machines can accommodate various tooling options, such as different punch shapes and shear blades. This versatility allows for customization based on specific project requirements.



DIE OPTIONS ARE ALSO AVAILABLE

Specifications are subject to changed without prior notice.

IRON WORKER

MECHANICAL IRON WORKER MACHINE



| MODEL | MIW-36 | MIW-50 | MIW-90 |
|----------------------------|-----------------|-----------------|------------------|
| Max Force | 36 TON | 50 TON | 90 TON |
| Tool STROKE | 27mm | 36 mm | 36 mm |
| Strokes Times | 30 times/min | 30 times/min | 30 times/min |
| Motor Power | 2.2 KW/415V | 3 KW/415V | 4 KW/415V |
| Round Punching | 22x8 mm | 22x10 mm | 31x12 mm |
| Capsule Punching | 36x16x8 mm | 40x18x10 mm | 40x21x12 mm |
| Angle Cutting | 75x75x8 mm | 100x100x8 | 125x125x8 |
| Channel Cutting | 75x40 mm | 100x50 mm | 150x75 mm |
| Cutting Blade | 200 mm | 230 mm | 340 mm |
| Flate Cutting | 200x8 mm | 200x10 mm | 340x12 mm |
| Nothing Tool | 65x65 mm | 65x65 mm | 80x70 mm |
| Round Bar | 30 mm | 35 mm | 40 mm |
| Square Bar | 20 mm | 30 mm | 35 mm |
| Overall Dimensions (LXWXH) | 900x600x1100 mm | 900x600x1250 mm | 1100x600x1450 mm |
| Machine Weight | 480 KG | 700 KG | 1000 KG |



Angle Steel Mold



Punching Unit



Notching Unit



Main Motor



Electric Control Box



Foot Switch

Specifications are subject to changed without prior notice.

PUNCHING MACHINE

HYDRAULIC PUNCHING MACHINE



OPTIONAL ACCESSORIES



Louver Punching



Plate Bending

| PARTICULAR | HPM-60 | HPM-90 | HPM-120 | HPM-160 | HPM-200 |
|----------------------------|---------------|---------------|---------------|----------------|----------------|
| Punching Pressure | 60 TON | 90 TON | 120 TON | 160 TON | 200 TON |
| Material Strength | ≤450 | ≤450 | ≤450 | ≤450 | ≤450 |
| Maximum Stroke Length | 80 mm | 80 mm | 90 mm | 100 mm | 110 mm |
| Trips Frequency | 10-20 | 12-22 | 8-18 | 6-16 | 6-16 |
| Punch Capacity (Dia.xThk.) | 25x16 mm | 30x20 mm | 35x25 mm | 38x30 mm | 40x35 mm |
| Throat Depth | 300 mm | 335 mm | 480 mm | 535 mm | 535 mm |
| Motor Power | 5.5 KW | 7.5 KW | 11 KW | 15 KW | 18.5 Kw |
| Machine Dimension (mm) | 1400x700x1700 | 1600x800x1800 | 1800x960x1800 | 2350x1050x2300 | 2200x1050x2450 |

STANDARD ACCESSORIES



One piece round punch



Yuken / Rexroth Valves



Tool Box



Temperature Controller



Schneider Components

Specifications are subject to changed without prior notice.

LASER CUTTING

OPEN-TYPE DOUBLE-DRIVE FIBER LASER CUTTING MACHINE

BLC-FIBER

➤ 1,000W TO
20,000W



▲ 3015 SERIES
OPEN-TYPE DOUBLE-DRIVE FIBER
LASER CUTTING MACHINE



LASER CUTTING HEAD



FOCAL LENGTH
CONTROL SYSTEM



UNIVISION
SYSTEM



LINEAR DRIVE
310M/MIN



CNC CONTROL

| MODEL | BDC-3015 | BDC-4015 | BDC-4020 | BDC-6020 | BDC-8025 |
|--|-------------|--------------------|-------------|-------------|-------------|
| Processing Range | 3000x1500mm | 4000x2000mm | 4000x2000mm | 6000x2500mm | 8000x2500mm |
| X-axis travel | 1560mm | 2060mm | 2560mm | 2560mm | 2560mm |
| Travel Y-axis | 3080mm | 4080mm | 6080mm | 8080mm | 8080mm |
| Z-axis travel | 150mm | 150mm | 150mm | 150mm | 150mm |
| Laser power | | 300w/6000w/120000w | | | |
| X/Y axis positioning accuracy | | ±0.03mm/min | | | |
| X/Y axis repeated positioning accuracy | | ±0.02mm/min | | | |
| Max, positing speed | | 10m/min | | | |

OPEN-TYPE DOUBLE-DRIVE FIBER LASER CUTTING MACHINE

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 high lighting cutting competitive advantages.

LASER CUTTING SYSTEM

Adopts air-cooled compact structure design, semiconductor fiber as laser generation medium, green environmental protection, simple mechanical structure, constant optical path, basically maintenance free, stable cutting performance.

BRAND FIBER LASER

Intelligent visual control system, the operation interface is easier to understand, and the laser power, gas type and pressure can be adjusted intuitively; Intelligent edge searching, automatic positioning, easy to achieve efficient production.

Specifications are subject to changed without prior notice.

BHAVYA®

for more Information, scroll on

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LASER CUTTING

OPEN-TYPE DOUBLE-DRIVE FIBER LASER CUTTING MACHINE



STRETCHED ALUMINIUM GANTRY



BRAND LASER HEAD



STEEL BED



Using low pressure steel film casting process the beam has high density, light weight, smooth surface quality, excellent integrity and rigidity. At the same time, it has good toughness, ductility and corrosion resistance.

Equipped with brand automatic focusing cutting head, can automatically and accurately adjust the focus according to the thickness of the material, suitable for a variety of focal length; Shorten perforation time, improve perforation quality, high speed cutting, save time.

Steel bed has good shock absorption and small deformation, which ensures the stability of long-term production. It can effectively counteract the force of frequent high-speed reversing and high acceleration and deceleration, which is the guarantee of stable quality and provides support for constant quality of laser cutting machine.

Specifications are subject to changed without prior notice.

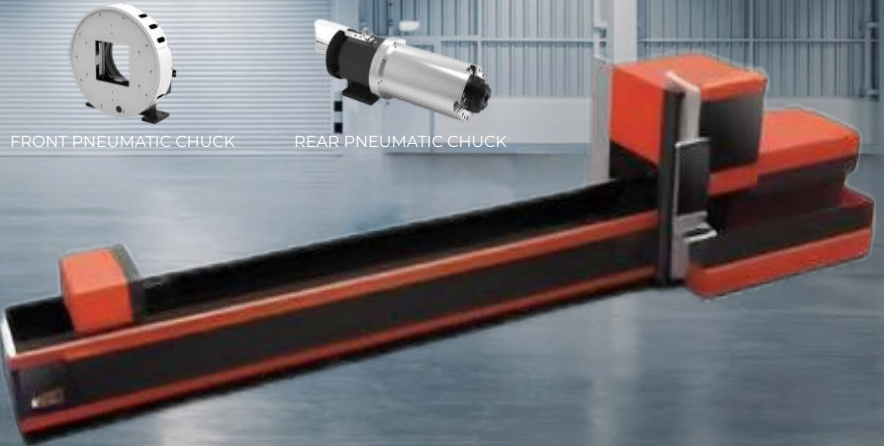
LASER CUTTING

TUBE FIBER LASER CUTTING MACHINE

- 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
- 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.

BLC-FIBER

▶ 1,000W TO
20,000W



▲ 6022 SERIES
BOARD ONE FIBER LASER CUTTING MACHINE



LASER CUTTING HEAD



FOCAL LENGTH CONTROL SYSTEM



UNIVISION SYSTEM



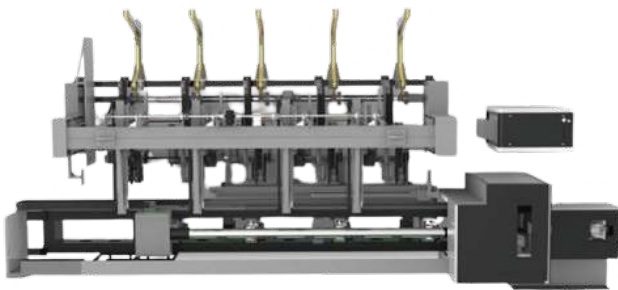
LINEAR DRIVE 310M/MIN



CNC CONTROL

AUTOMATIC FEEDING SYSTEM

With semi-automatic or full-automatic loading and unloading system, reduce the dependence on labor, reduce the labor intensity of the operator make the pipe cutting so easy.



| MODEL | BDC-3015 | BDC-4020 | BDC-6020 | BDC-6025 |
|------------------------------|--------------------|--------------------|--------------------|--------------------|
| Pipe Cutting length | 6000 mm | 6000 mm | 6000 mm | 6000 mm |
| Chuck diameter | 130 mm | 240 mm | 350 mm | 130 mm |
| Laser Power | <6000w | <6000w | <6000w | <12000w |
| Max Positioning acceleration | 10m/s ² | 10m/s ² | 10m/s ² | 10m/s ² |
| Positioning accuracy | ±0.02mm/m | ±0.02mm/m | ±0.02mm/m | ±0.02mm/m |
| Repositioning accuracy | ±0.03mm | ±0.03mm | ±0.03mm | ±0.03mm |
| Rotation axis speed | 100rpm | 100rpm | 80rpm | 60rpm |

Specifications are subject to changed without prior notice.



for more information, scroll on

www.bhavyamachinetools.com

LASER CUTTING

BOARD ONE FIBER LASER CUTTING MACHINE

BLC-FIBER



1,000W TO
20,000W



- 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 farming box.

▲ 6020 SERIES

BOARD ONE FIBER LASER CUTTING MACHINE



LASER CUTTING HEAD



FOCAL LENGTH CONTROL SYSTEM



UNIVISION SYSTEM

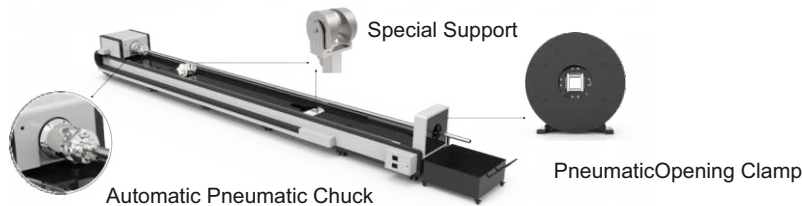


LINEAR DRIVE 310M/MIN



CNC CONTROL

Pneumatic Chuck



Pneumatic clamping, with large and constant clamping force, ensures that the pipe is not loose and does not slip, and ensures the cutting accuracy, the concave wheel support frame is prepared to prevent the pipe from sagging and deformation, improve the cutting accuracy and extend the service life of the chuck

| MODEL | BDC-3015 | BDC-4020 | BDC-6020 | BDC-6025 |
|-----------------------------|-------------|-------------|-------------|-------------|
| Cutting Range | 3000x1500mm | 4000x2000mm | 6000x2000mm | 6000x2500mm |
| Pipe Cutting length | 6000 mm | 6000 mm | 6000 mm | 6000 mm |
| Chuck power | 220/320 mm | 220/320 mm | 220/320 mm | 220/320 mm |
| Laser Power | 300w-200w | 300w-2000w | 300w-2000w | 300w-2000w |
| Max Positioning acoletatori | 10m/s | 10m/s | 10m/s | 10m/s |
| Positioning accuracy | ±0.02mm/m | ±0.02mm/m | ±0.02mm/m | ±0.02mm/m |
| Reposition accuracy | ±0.03mm | ±0.03mm | ±0.03mm | ±0.03mm |

Specifications are subject to changed without prior notice.

LASER CUTTING

EXCHANGE WORKTABLE FIBER LASER CUTTING MACHINE

BLC-FIBER

▶ 1,000W TO
20,000W



▲ 3015 SERIES
OPEN-TYPE DOUBLE-DRIVE FIBER
LASER CUTTING MACHINE



LASER CUTTING HEAD



FOCAL LENGTH
CONTROL SYSTEM



UNIVISION
SYSTEM



LINEAR DRIVE
310M/MIN



CNC CONTROL

| MODEL | BDC-3015 | BDC-4015 | BDC-4020 | BDC-6020 | BDC-8025 |
|--|--------------------|-------------|-------------|-------------|-------------|
| Processing Range | 3000x1500mm | 4000x1500mm | 4000x2000mm | 6000x2000mm | 8000x2500mm |
| X-axis travel | 1560mm | 2060mm | 2560mm | 2560mm | 2560mm |
| Travel Y-axis | 3080mm | 4080mm | 6080mm | 8080mm | 8080mm |
| Z-axis travel | 250mm | 250mm | 250mm | 250mm | 250mm |
| Laser power | 300w/6000w/120000w | | | | |
| X/Y axis positioning accuracy | ±0.03mm/min | | | | |
| X/Y axis repeated positioning accuracy | ±0.02mm/min | | | | |
| Max, positing speed | 120m/min | | | | |

EXCHANGE WORKTABABLE FIBER LASER CUTTING MACHINE

The new closed design, double table fast exchange, while pro-cessing edge cutting, fast, small slit, smooth section, easy opera-tion, low energy consumption, suitable for large quantities of con-tinuous processing, highlighting cutting competitive advantage.

EXCHANGE TABLE

The independent movement of the two platforms is irrelevant, the accuracy does not affect each other, and the slag removal is more convenient; With double taper pin positioning, it can be in place in one step without difference; The worktable is driven by double motors, with stable exchange and high speed.

BRAND FIBER LASER

Intelligent visual control system, the operation interface is easier to understand, and the laser power, gas type and pressure can be adjusted intuitively; Intelligent edge searching, automatic positioning, easy to achieve efficient production.

Specifications are subject to changed without prior notice.



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LASER MARKING

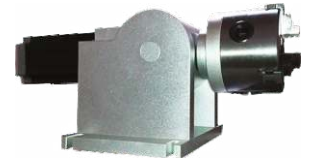
FIBER LASER MARKING MACHINE



| MODEL | YLH-20L/YLH-30L/YLH-50L |
|-----------------------------|----------------------------------|
| LASER SOURCE | MAX |
| LASER TYPE | FIBER |
| POWER | 20W/30W/50W |
| WORK PRECISION | ±0.01mm |
| SOFTWARE | EZCAD 2.12 Professional |
| COOLING | Air Cooled |
| POWER CONSUMPTION | d"500W |
| WORK AREA | 110x110mm/150x150mm/175x175mm |
| MAX MARKING SPEED | 12000mm/s |
| MIN CHARACTER | 0.2mm X 0.2mm |
| Marking Depth | 0.01-1.0mm (Subject to Material) |
| WAVE LENGTH | 1064nm |
| LASER MODULE LIFE | 1,00,000 Hours |
| LASER REPEATION FREQUENCY | 20KHz- 80KHz (Adjustable) |
| POWER REQUIREMENT | AC220V/50Hz/2A |
| OPTIMUM WORKING TEMPERATURE | 13-30 C |
| SUPPORT-FORMAT | PLT, DXF, BMP, CDR |



Two dimension Table
(Optional)



Rotary Device
(Optional)



APPLICABLE INDUSTRIES :

Precision instruments, computer keyboards, auto parts, plumbing parts, communications equipment, medical equipment, bathroom equipment, hardware tools, luggage decoration, electronic components, home appliances, watches, molds, gaskets and Seals, data matrix, Jewellery, cell phone keyboard, buckle, kitchenware, knives, cooker, stainless steel products, aerospace equipment, integrated circuit chips, computer accessories, signs molds, elevator equipment, wire and cable, Industrial bearings, building materials, Hotel & Kitchen ware, military, pipelines. Tobacco industry, bio- pharmaceutical industry, liquor industry, food packaging, beverage, health care products, plastic buttons, bathing supplies, business cards, Clothing accessories, cosmetics packaging, car decoration, wood, logos, characters, serial number, bar code, PET Jars & Bottles, advertising logo and other non-metallic industries.

Specifications are subject to changed without prior notice.



APPLIED MATERIALS :

All metals: gold, silver, titanium, copper, alloy, aluminum, steel, manganese steel, magnesium, zinc, stainless steel, carbon steel / mild steel, all kinds of alloy steel, electrolytic plate, brass plate, galvanized sheet, Aluminum, all kinds of alloy plates, all kinds of sheet metal, rare metals, coated metal, anodized aluminum and other special surface treatment materials.

Non-metallic: non-metallic coating materials, industrial plastics, hard plastics, rubber, ceramics, resins, cartons, leather, clothes, wood, paper, plexiglass, epoxy resin, acrylic resin, unsaturated polyester resin material.

WELDING

4-IN-1 FIBER LASER WELDING MACHINE WELDING/CUTTING/CLEANING/SEAM CLEANING



| MODEL | FLW |
|---------------------|-------------------------------|
| Power | 1.5/2/3 KW |
| Laser Type | Fiber laser |
| Center wavelength | 1080nm ±5 |
| Max Output Energy | 1500/2000/3000 W |
| Laser frequency | 50Hz-5KHz |
| Welding Head | Ray Tools |
| Wire Feeder | Auto Wire Feeder |
| Laser Head | Woble Welding Gun With Feeder |
| power Consumption | 10/14/16KW |
| Fiber Cable length | 8m |
| Fiber Core Diameter | 50µm |
| Rated Power | 380±20% V AC, 50/60Hz(1KW) |
| Cooling Method | Water Chiller |
| Net Weight | 95/95/160kg |

STANDARD FEATURES

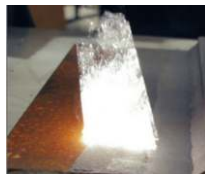
- Wire feeder
- The handheld nozzle travel (With screw)
- Wire feeding mouth
- Fixed attachment of wire feeding mouth (With screw)
- Power line (With plug)
- Feeding ON/OFF switch (With plug)
- Model and internal corner feeding nozzle
- Welding nozzle
- Protective Lens
- Laser welding head
- Water Chiller In Built
- Nozzle set 4-IN-1



Welding



Cutting

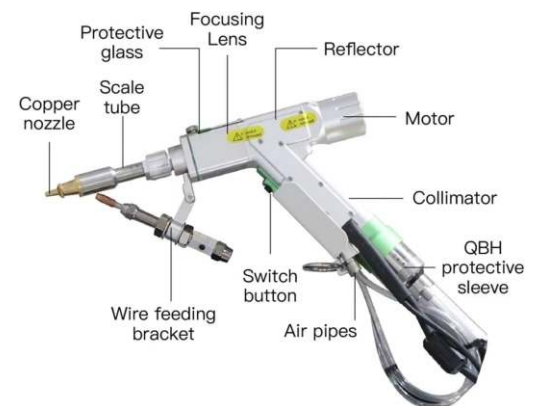


Cleaning



Seam Cleaning

- At least 4 times faster than TIG/MIG
- More beautiful weld seams
- No limitation to welding materials and shapes
- Simple operation, no need for professional welders
- No follow-up process that may be caused by traditional welding



Specifications are subject to changed without prior notice.

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PIPE BENDING

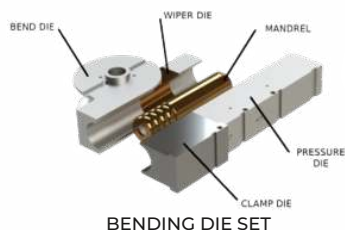
SINGLE HEAD HYDRAULIC PIPE BENDING MACHINE



| MODEL | | NCB38 | NCB50 | NCB63 | NCB75 | NCB89 | NCB100 |
|------------------------------------|--------|---------------|---------------|----------------|----------------|----------------|----------------|
| Max Bending Capacity (mm) | mm | 38x2 | 50x2 | 63x4 | 76x5 | 89x10 | 100x8 |
| Bending Radius Region: (mm) | mm | 20-200 | 20-250 | 25-300 | 30-350 | 40-400 | 40x400 |
| Bending Angle Region: (Degree) | Degree | 0-190° | 0-190° | 0-190° | 0-190° | 0-190° | 0-190° |
| Effective Length Over Mandrel:(mm) | mm | 3000 | 3200 | 3500 | 3800 | 4000 | 4000 |
| Oil Pressure System Motor (Kw) | KW | 4 | 5.5 | 5.5 | 7.5 | 11 | 11 |
| Max. Pressure: (kg/cm) | kg/cm | 160 | 160 | 160 | 160 | 160 | 160 |
| Machine Dimension(mm) | mm | 3200x700x1300 | 3500-800x1300 | 4500x1200x1350 | 4800x1200x1350 | 5300x1350x1200 | 5000x1350x1200 |
| Machine Weight (Kg) | kg | 1500 | 2000 | 3000 | 3500 | 4500 | 4800 |

Machine characteristics :

- 1.The machine is NC control, hydraulic drive, can have different bending degree to prefabricate.
- 2.English display screen, Man-machine dialogue operation. Can choose manual, semi-automatic, portable pedal have start, emergency stop function
- 3.Use high function imported Japan Yuken hydraulic components.
- 4.Have big capacity cooling system and can control the working temperature.
- 5.The machine have easy convenient, stable function, high efficiency, high safety factor, is the ideal choice for the pipe processing.



Specifications are subject to changed without prior notice.

PIPE BENDING

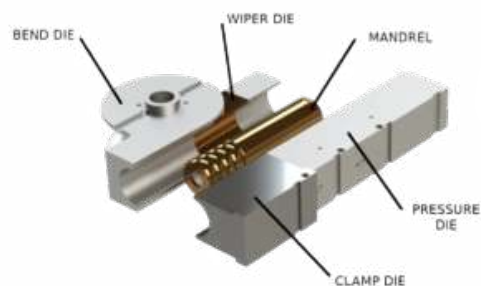
SINGLE HEAD HYDRAULIC PIPE BENDING MACHINE



| MODEL | | NCB114 | NCB129 | NCB140 | NCB159 | NCB168 | NCB219 |
|--------------------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|
| Max Bending Capacity | mm | Ø114x12 | Ø129x14 | Ø140x16 | Ø159x18 | Ø168x18 | Ø219x18 |
| Bending Radius Region: | mm | 40-450 | 50-550 | 50-600 | 60-750 | 60-750 | 80-1000 |
| Bending Angle Region: | Degree | 0 -190° | 0-190° | 0 -190° | 0 -190° | 0 -190° | 0 -190° |
| Effective Length Over Mandrel: | mm | 4200 | 4600 | 5000 | 5600 | 5600 | 6500 |
| Oil Pressure System Motor | KW | 15 | 15 | 15-18.5 | 22 | 22 | 30 |
| Max. Pressure: | kg/cm | 160 | 160 | 160 | 160 | 160 | 160 |
| Machine Dimension | mm | 5200x1350x1250 | 6000x1800x1300 | 6500x2000x1350 | 7200x2200x1450 | 7200x2200x1450 | 8000x2600x1700 |
| Machine Weight | kg | 5500 | 7500 | 9000 | 13000 | 14000 | 25000 |

Machine characteristics :

- 1.The machine is NC control, hydraulic drive, can have different bending degree to prefabricate.
- 2.English display screen, Man-machine dialogue operation. Can choose manual, semi-automatic, portable pedal have start, emergency stop function
- 3.Use high function imported Japan Yuken hydraulic components.
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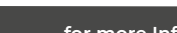

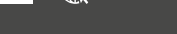
BENDING DIE SET

Specifications are subject to changed without prior notice.

PROFILE BENDING

PROFILE BENDING MACHINE



| MODEL | RBM40HV | | RBM50 | | HRBM50HV | | HRBM65 | |
|--|-----------------|--------------|-----------------|--------------|-----------------|--------------|------------------|--------------|
| Dia of roller | x40mm | | x50mm | | x50mm | | x65mm | |
| Power | 1.5KW/2HP | | 2.2KW/3HP | | 2.2KW/3HP | | 2.25KW | |
| Spindle Size | 9.3r/min | | 13r/min | | 13r/min | | 9.3r/min | |
| Packing Size | 1400x950x1340mm | | 1000x820x1550mm | | 1500x950x1340mm | | 1250x1150x1800mm | |
| N.W/G.W | 425/495 kgs | | 450/582 kgs | | 515/647 kgs | | 720/920 kgs | |
| Capacity | Size(mm) | Min Dia.(mm) | Size(mm) | Min Dia.(mm) | Size(mm) | Min Dia.(mm) | Size(mm) | Min Dia.(mm) |
|  | 50x10 | 600 | 60x10 | 500 | 60x10 | 500 | 80x25 | 600 |
|  | 20x6 | 800 | 40x10 | 650 | 40x10 | 650 | 40x10 | 500 |
|  | 60x20 | 800 | 100x15 | 920 | 100x15 | 920 | 120x25 | 600 |
|  | 30x6 | 1250 | 60x10 | 1150 | 60x10 | 1150 | 50x10 | 400 |
|  | 30x30 | 650 | 35x35 | 600 | 35x35 | 600 | 50 | 600 |
|  | 10x10 | 1100 | 20x20 | 780 | 20x20 | 780 | 20 | 400 |
|  | 50x6 | 600 | 60x7 | 750 | 60x7 | 750 | 80x40x7 | 500 |
|  | 30x3 | 500 | 50x5 | 500 | 50x5 | 500 | 40x40x5 | 400 |
|  | 50x6 | 600 | 60x7 | 750 | 60x7 | 750 | 80x40x7 | 400 |
|  | 30x3 | 500 | 50x5 | 500 | 50x5 | 500 | 40x40x5 | 360 |
|  | 60x40x6 | 600 | 80x45x6 | 600 | 80x45x6 | 600 | 100x50x6 | 600 |
|  | 30x15x4 | 900 | 65x40x5 | 550 | 65x40x5 | 550 | 50x40x5 | 500 |
|  | 60x40x6 | 600 | 80x45x6 | 600 | 80x45x6 | 600 | 100x50x6 | 600 |
|  | 30x15x4 | 900 | 65x40x5 | 550 | 65x40x5 | 550 | 50x40x5 | 500 |
|  | 50x5 | 500 | 60x5 | 500 | 60x5 | 500 | 70x6 | 500 |
|  | 30x4 | 500 | 50x5 | 500 | 50x5 | 500 | 40x5 | 400 |
|  | 50x5 | 500 | 60x5 | 700 | 60x5 | 700 | 70x6 | 600 |
|  | 30x4 | 500 | 50x5 | 700 | 50x5 | 700 | 40x5 | 500 |
|  | Ø30 | 650 | Ø35 | 600 | Ø35 | 600 | Ø50 | 600 |
|  | Ø10 | 1100 | Ø30 | 650 | Ø30 | 650 | Ø20 | 400 |
| | 50x50x2.5 | 700 | 60x60x3 | 600 | 60x60x3 | 600 | 70x70x3 | 900 |
| | 30x30x2 | 800 | 40x40x3 | 500 | 40x40x3 | 500 | 30x30x3 | 500 |
| | 50x25x2.5 | 800 | 70x50x3 | 1200 | 70x50x3 | 1200 | 80x40x3 | 800 |
| | 40x20x2 | 1000 | 50x40x3 | 800 | 50x40x3 | 800 | 50x30x2 | 500 |

Specifications are subject to changed without prior notice.

TUBE BENDING

TUBE BENDING MACHINE



JTB-40



JTB-50

| MODEL | UNIT | JTB-40 | JTB-50 | JTB-80 |
|------------------|--------|----------------|----------------|---------------|
| Outer Diameter | mm | 16-40 | 16-51 | 40-80 |
| Thickness | mm | 1-3 | 1-5 | 1-9 |
| Angle of Bending | Degree | 180 | 180 | 180 |
| motor | kw | 1.5kw | 2.2 | 5.5 |
| N.W./G.W | kg | 220/250 | 550/620 | 1300/1400 |
| Packing Size | mm | 780x540x771 | 1450x690x1170 | 1500x910x1550 |
| STANDARD DIES | mm | 16, 20, 25, 38 | 25, 32, 38, 48 | 60,76 |

FEATURES

- Light duty / heavy duty mechanical/hydraulic operated pipe bending machines for various applications like furniture, Two wheeler accessories, Decorative items, Automotive seat frames, Hydraulic piping, Chemical & Process tubes & Heat Exchanger Concentric Tubes etc.
- These machines are very compact & robust in design and useful for mass production



DRO For Accurate Bending



Quick Die changing System



Hardened And Ground Die



Foot Switch With Emergency Stop



Specifications are subject to changed without prior notice.

BENDING ROLLER

3 ROLLER PLATE ROLLING MACHINE (WITH PREBENDING FUNCTION)



PRODUCT OVERVIEW

- Upper Roller is able to do both vertical and horizontal movement, and with pre-bending and rolling function.
- Upper Roller is drum shape. With additional idler rollers, by adjusting the roller plate, can be rolled from thin to thick that a wide range of precision products to achieve NC control. A manipulation. Simple and reliable, efficiency greatly improved.
- Additional volume cone device, to achieve a large taper rolling. (Optional)
- Vertical and horizontal displacement with digital display, for the upper roller, displacement set, eye-catching appearance.



Specifications are subject to changed without prior notice.

BENDING ROLLER

3 ROLLER PLATE ROLLING MACHINE (WITH PREBENDING FUNCTION)

| Model | Pressure on the uproller (Tons) | Max Plate Thickness | | Plate Width (mm) | Diameter of Upper roller (mm) | Diameter of lower roller (mm) | Central distance (mm) | Driving | Motor (kw) | |
|---------------|---------------------------------|---------------------|--------------|------------------|-------------------------------|-------------------------------|-----------------------|---------|------------|-------|
| | | End bending (mm) | Central (mm) | | | | | | Hydraulic | Shift |
| BPB3-4x2500 | 25 | 4 | 3.5 | 2500 | 200 | 125 | 160 | 4 | 2.2 | 1.1 |
| BPB3-6x2500 | 30 | 6 | 5 | 2500 | 210 | 125 | 160 | 4 | 2.2 | 1.1 |
| BPB3-8x2000 | 37 | 8 | 6.5 | 2000 | 210 | 135 | 180 | 4 | 2.2 | 1.1 |
| BPB3-8x2500 | 37 | 8 | 6.5 | 2500 | 235 | 135 | 180 | 5.5 | 2.2 | 1.1 |
| BPB3-10x2000 | 37 | 10 | 8 | 2000 | 235 | 135 | 180 | 5.5 | 2.2 | 1.1 |
| BPB3-10x2500 | 55 | 10 | 8 | 2500 | 250 | 145 | 200 | 7.5 | 4 | 1.1 |
| BPB3-12x2000 | 65 | 12 | 10 | 2000 | 250 | 145 | 200 | 7.5 | 4 | 1.1 |
| BPB3-12x2500 | 75 | 12 | 10 | 2500 | 265 | 145 | 200 | 7.5 | 4 | 1.5 |
| BPB3-12x3000 | 75 | 12 | 10 | 3000 | 290 | 150 | 245 | 11 | 4 | 1.5 |
| BPB3-16x2000 | 75 | 16 | 13 | 2000 | 265 | 150 | 245 | 7.5 | 4 | 1.5 |
| BPB3-16x2500 | 100 | 16 | 13 | 2500 | 300 | 165 | 270 | 15 | 5.5 | 1.5 |
| BPB3-16x3000 | 130 | 16 | 13 | 3000 | 330 | 180 | 300 | 15 | 5.5 | 2.2 |
| BPB3-20x2000 | 100 | 20 | 16 | 2000 | 300 | 165 | 270 | 15 | 5.5 | 1.5 |
| BPB3-20x2500 | 130 | 20 | 16 | 2500 | 330 | 180 | 300 | 15 | 5.5 | 2.2 |
| BPB3-20x3000 | 160 | 20 | 16 | 3000 | 380 | 200 | 330 | 18.5 | 7.5 | 2.2 |
| BPB3-20x4000 | 230 | 20 | 16 | 4000 | 440 | 235 | 380 | 30 | 11 | 4 |
| BPB3-25x2500 | 190 | 25 | 20 | 2500 | 380 | 220 | 360 | 22 | 7.5 | 4 |
| BPB3-25x3000 | 230 | 25 | 20 | 3000 | 410 | 235 | 380 | 30 | 11 | 4 |
| BPB3-25x4000 | 270 | 25 | 20 | 4000 | 490 | 250 | 400 | 30 | 11 | 4 |
| BPB3-30x2500 | 230 | 30 | 25 | 2500 | 410 | 235 | 380 | 30 | 11 | 4 |
| BPB3-30x3000 | 270 | 30 | 25 | 3000 | 450 | 250 | 400 | 30 | 11 | 4 |
| BPB3-30x4000 | 380 | 30 | 25 | 4000 | 550 | 275 | 460 | 45 | 22 | 5.5 |
| BPB3-35x2500 | 320 | 35 | 28 | 2500 | 450 | 250 | 400 | 30 | 11 | 4 |
| BPB3-35x3000 | 380 | 35 | 28 | 3000 | 510 | 275 | 460 | 45 | 22 | 5.5 |
| BPB3-40x2500 | 380 | 40 | 32 | 2500 | 500 | 275 | 460 | 45 | 22 | 5.6 |
| BPB3-40x3000 | 430 | 40 | 32 | 3000 | 540 | 290 | 500 | 55 | 22 | 7.5 |
| BPB3-40x4000 | 540 | 40 | 32 | 4000 | 630 | 340 | 610 | 55 | 22 | 11 |
| BPB3-45x3000 | 540 | 45 | 36 | 3000 | 590 | 340 | 610 | 55 | 22 | 11 |
| BPB3-50x2500 | 430 | 50 | 40 | 2500 | 580 | 290 | 500 | 55 | 22 | 7.5 |
| BPB3-50x3000 | 540 | 50 | 40 | 3000 | 600 | 340 | 610 | 55 | 22 | 11 |
| BPB3-50x4000 | 690 | 50 | 40 | 4000 | 700 | 380 | 700 | 75 | 30 | 15 |
| BPB3-55x3000 | 610 | 55 | 45 | 3000 | 620 | 360 | 650 | 75 | 30 | 15 |
| BPB3-55x4000 | 850 | 55 | 45 | 4000 | 750 | 420 | 780 | 90 | 37 | 15 |
| BPB3-60x3000 | 690 | 60 | 50 | 3000 | 650 | 380 | 700 | 75 | 30 | 15 |
| BPB3-60x4000 | 930 | 60 | 50 | 4000 | 780 | 440 | 820 | 90 | 37 | 15 |
| BPB3-70x3000 | 850 | 70 | 56 | 3000 | 710 | 420 | 780 | 75 | 37 | 15 |
| BPB3-70x4000 | 1150 | 70 | 56 | 4000 | 840 | 480 | 920 | 110 | 45 | 18.5 |
| BPB3-75x3000 | 930 | 75 | 60 | 3000 | 740 | 440 | 820 | 90 | 37 | 15 |
| BPB3-80x3000 | 1050 | 80 | 65 | 3000 | 770 | 460 | 880 | 90 | 37 | 18.5 |
| BPB3-90x3000 | 1150 | 90 | 75 | 3000 | 820 | 480 | 920 | 110 | 45 | 18.5 |
| BPB3-100x3000 | 1350 | 100 | 80 | 3000 | 860 | 480 | 920 | 110 | 45 | 22 |
| BPB3-110x4000 | 1800 | 110 | 90 | 4000 | 950 | 600 | 1120 | 132 | 55 | 37 |
| BPB3-120x3000 | 1800 | 120 | 100 | 3000 | 920 | 580 | 1120 | 132 | 55 | 37 |
| BPB3-120x4000 | 2300 | 120 | 100 | 4000 | 990 | 640 | 1280 | 275 | 75 | 37 |
| BPB3-150x3000 | 2300 | 150 | 120 | 3000 | 1050 | 660 | 1280 | 2x75 | 75 | 45 |
| BPB3-160x3000 | 2500 | 160 | 130 | 3000 | 1080 | 700 | 1360 | 2x75 | 75 | 45 |
| BPB3-160x4000 | 2800 | 160 | 130 | 4000 | 1260 | 720 | 1380 | 2x90 | 90 | 45 |

Specifications are subject to changed without prior notice.

BENDING ROLLER

4-ROLLER PLATE ROLLING MACHINE



PRODUCT OVERVIEW

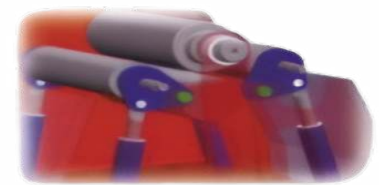
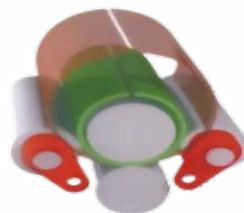
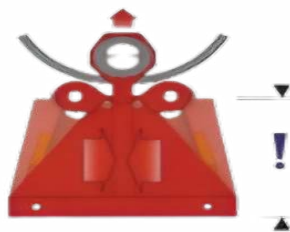
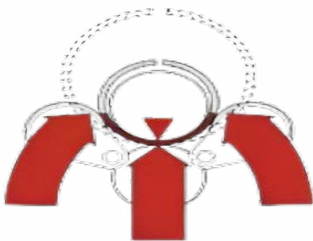
- Full hydraulic CNC four roll bending machine is the most accurate, easy to operate and high efficiency plate bending machine in the market today. This design has the advantages that other forms of rolling machine do not have
- The straight edge is shorter than any other type of bending machine (pre bending);
- Easy to add the transport devices to the machine(transport table, feeder) and other optional devices;
- The entire coil process can be completed only once, Including bilateral pre bending;
- The coil is easy to operate and has no high requirement for the operator's technical level;
- Perfect geometric design, the coiled work piece with high precision and good roundness.
- The board is horizontally fed (especially for long plates);
- The upper and lower rollers will clamp tightly when rolling(will not slide);
- Only the fed in side of the plate has margin;
- The plate is corrected by the adjusting roller real time.

Specifications are subject to changed without prior notice.

BENDING ROLLER

4-ROLLER PLATE ROLLING MACHINE

| Model | Max Plate thickness mm | Pre-bending thickness mm | Roller Working Length mm | Plate Yield limit (mpa) | Top Roller Diameter mm | Bottom Roller Diameter mm | Slide Roller Diameter mm | Main Power (kw) | Length*Width*Height (L*W*H)mm | Weight (kg) |
|--------------|------------------------|--------------------------|--------------------------|-------------------------|------------------------|---------------------------|--------------------------|-----------------|-------------------------------|-------------|
| BPB4-4x2000 | 4 | 3.5 | 2050 | 245 | 160 | 140 | 120 | 3 | 4500*1100*1100 | 4300 |
| BPB4-4x2500 | 4 | 3.5 | 2550 | 245 | 190 | 170 | 150 | 4 | 5150*1300*1400 | 5000 |
| BPB4-4x3000 | 4 | 3.5 | 3100 | 245 | 210 | 190 | 170 | 5.5 | 5650*1420*1400 | 6300 |
| BPB4-6x2000 | 6 | 5 | 2050 | 245 | 190 | 170 | 150 | 4 | 4650 1300 1400 | 4800 |
| BPB4-6x2500 | 6 | 5 | 2550 | 245 | 210 | 190 | 170 | 5.5 | 5150*1420*1400 | 5800 |
| BPB4-6x3000 | 6 | 5 | 3100 | 245 | 230 | 210 | 190 | 7.5 | 5860*1430*1400 | 7000 |
| BPB4-8x2000 | 8 | 6.5 | 2050 | 245 | 210 | 190 | 170 | 5.5 | 4650*1420*1400 | 5600 |
| BPB4-8x2500 | 8 | 6.5 | 2550 | 245 | 230 | 210 | 190 | 7.5 | 5250*1500*1400 | 6300 |
| BPB4-8x3000 | 8 | 6.5 | 3100 | 245 | 270 | 250 | 210 | 11 | 5750*2130*2000 | 9500 |
| BPB4-10x2000 | 10 | 8 | 2050 | 245 | 230 | 210 | 190 | 7.5 | 4700*1420*1400 | 5800 |
| BPB4-10x2500 | 10 | 8 | 2550 | 245 | 270 | 250 | 210 | 11 | 5270*1420*1400 | 6500 |
| BPB4-10x3000 | 10 | 8 | 3100 | 245 | 300 | 270 | 220 | 11 | 5700*1500*1500 | 8800 |
| BPB4-12x2000 | 12 | 10 | 2050 | 245 | 270 | 250 | 210 | 11 | 4770*1520*2130 | 6500 |
| BPB4-12x2500 | 12 | 10 | 2550 | 245 | 300 | 270 | 220 | 11 | 5200*1500*1500 | 8200 |
| BPB4-12x3000 | 12 | 10 | 3100 | 245 | 330 | 300 | 240 | 11 | 5770*1900*1880 | 13500 |
| BPB4-16x2000 | 16 | 13 | 2050 | 245 | 300 | 270 | 220 | 11 | 4700*1500*1500 | 7500 |
| BPB4-16x2500 | 16 | 13 | 2550 | 245 | 330 | 300 | 240 | 11 | 5550*1840*1820 | 12000 |
| BPB4-16x3000 | 16 | 13 | 3100 | 245 | 360 | 330 | 250 | 15 | 6300*2000*2050 | 17000 |
| BPB4-20x2000 | 20 | 16 | 2050 | 245 | 330 | 300 | 240 | 11 | 4700*1900*2000 | 12000 |
| BPB4-20x2500 | 20 | 16 | 2550 | 245 | 360 | 330 | 250 | 15 | 5800*2000*2050 | 15000 |
| BPB4-20x3000 | 20 | 16 | 3100 | 245 | 390 | 360 | 300 | 18.5 | 6500*2250*2550 | 23000 |
| BPB4-25x2000 | 25 | 20 | 2050 | 245 | 360 | 330 | 250 | 15 | 5300*2000*2050 | 14000 |
| BPB4-25x2500 | 25 | 20 | 2550 | 245 | 390 | 360 | 300 | 18.5 | 6250*2160*2350 | 22500 |
| BPB4-25x3000 | 25 | 20 | 3100 | 245 | 430 | 390 | 330 | 22 | 7000*2300*2500 | 30000 |
| BPB4-30x2000 | 30 | 25 | 2050 | 245 | 390 | 360 | 300 | 18.5 | 5000*2160*2350 | 21000 |
| BPB4-30x2500 | 30 | 25 | 2550 | 245 | 430 | 390 | 330 | 22 | 6500*2300*2500 | 27000 |
| BPB4-30x3000 | 30 | 25 | 3100 | 245 | 460 | 420 | 360 | 30 | 7300*2600*2700 | 33000 |
| BPB4-35x2000 | 35 | 28 | 2050 | 245 | 430 | 390 | 330 | 22 | 6000*2300*2500 | 25000 |
| BPB4-35x2500 | 35 | 28 | 2550 | 245 | 460 | 420 | 360 | 30 | 6800*2600*2700 | 31000 |
| BPB4-35x3000 | 35 | 28 | 3100 | 245 | 510 | 460 | 390 | 37 | 7600*2800*2900 | 38500 |
| BPB4-40x2000 | 40 | 32 | 2050 | 245 | 460 | 420 | 360 | 30 | 6300*2600*2700 | 29000 |
| BPB4-40x2500 | 40 | 32 | 2550 | 245 | 510 | 460 | 390 | 37 | 7100*2800*2900 | 85000 |
| BPB4-40x3000 | 40 | 32 | 3100 | 245 | 550 | 510 | 420 | 45 | 8000*3100*3200 | 45000 |
| BPB4-45x2000 | 45 | 36 | 2050 | 245 | 510 | 460 | 390 | 37 | 6600*2800*2900 | 33500 |
| BPB4-45x2500 | 45 | 36 | 2550 | 245 | 550 | 510 | 420 | 45 | 7500*3100*3200 | 42000 |
| BPB4-50x2000 | 50 | 40 | 2050 | 245 | 550 | 510 | 420 | 45 | 7000*3100*3200 | 38000 |
| BPB4-50x3000 | 50 | 40 | 3100 | 245 | 610 | 560 | 480 | 55 | 8800*3600*3800 | 65000 |
| BPB4-60x3000 | 60 | 48 | 3100 | 245 | 670 | 620 | 520 | 75 | 10000*4300*4600 | 90000 |



Specifications are subject to changed without prior notice.

SHEET METAL

ELECTRIC SLIP ROLL



ESR-1300X2.5



ESR-1300X4.5E

| MODEL | ESR-1300x1.5 | ESR-1300x2.5 | ESR-1300x4.5 | ESR-1300x6.5 | ESR-1550x3.5 | ESR-2020x3.5 |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Max. Rolling Thickness - MS | 1.5mm | 2.5mm | 4.5mm | 6.5mm | 3.5mm | 3.5mm |
| Max. Rolling Thickness - SS | 0.8mm | 1.2mm | 2mm | 3mm | 1.6mm | 1.6mm |
| Minimum Rolling Diameter | 90mm | 100mm | 130mm | 170mm | 130mm | 140mm |
| Max. Rolling Width | 1300mm | 1300mm | 1300mm | 1300mm | 1550mm | 2020mm |
| Diameter Of Roller | 75mm | 90mm | 120mm | 150mm | 120mm | 127mm |
| Motor Power | 0.75 kw | 1.5 kw | 2.2 kw | 3.0 kw | 2.2 kw | 4.0 kw |
| Packing Dimension | 1800x650x1100mm | 2000x720x1200mm | 2000x760x1270mm | 2820x870x1340mm | 2220x760x1270mm | 2700x870x1300mm |
| Net Weight | 280kgs | 540kgs | 750kgs | 1100kgs | 790kgs | 1100kgs |

FEATURES

- Standard series wire core groove
- Top roll swing out across cam lock
- Supplied with conical bending feature
- Fixed top roller, adjustable lower and rear rollers
- Asymmetrical roll bending machine with 3 high strength steel rolls
- Electric lifting of back roller
- Digital indicator of back roller position

FEATURES

- Asymmetrical Roll Bending Machine
- High Strength Steel Roll
- Fixed Top Roller, Adjustable Lower and Rear Roller
- Standard Series Wire Core Groove
- Top Roll Swing Out Across Cam Lock
- Conical Bending Feature



Specifications are subject to changed without prior notice.

SHEET METAL

MANUAL SLIP ROLL



W01-2x1000

| MODEL | W01-2x610 | W01-2x1000 | W01-2x1250 |
|------------------------|-----------------|-----------------|-----------------|
| Max. Rolling Thickness | 2.0mm | 2.0mm | 2.0mm |
| Max. Rolling Width | 610mm | 1000mm | 1250mm |
| Diameter of Rolls | 60mm | 60mm | 60mm |
| Packing Dimension | 1260x620x1180mm | 1550x620x1180mm | 1800x620x1180mm |
| Net Weight | 166Kgs. | 200Kgs. | 223Kgs. |

FEATURES

- Asymmetrical Roll Bending Machine
- High Strength Steel Roll
- Fixed Top Roller, Adjustable Lower and Rear Roller
- Standard Series Wire Core Groove
- Quick release top roller



PF-16G

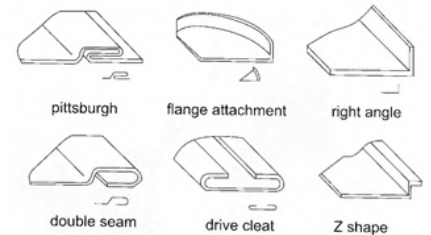
LOCK FORMING MACHINE

FEATURES

- Uses approximately 1" of material.
- Adjustable auto- guides
- All steel forming head, hardened with ground shafts.
- Steel forming rolls are case hardened using matching cut gears and needle bearings throughout.
- Optional rolls: double seam, drive cleat, flange attachment, and right angle.

| MODEL | PF-16G | PF-20G |
|-----------------------|----------------------------|----------------------------|
| Capacity (mild steel) | 16 GAUGE max.-25 GAUGE min | 20 GAUGE max.-26 GAUGE min |
| Speed (rpm) | 24 FPM | 25 FPM |
| Motor | 2.2 kW | 0.75 kW |
| Packing size | 1180 x 650 x 1090 mm | 1050 x 560 x 1350 mm |
| N.W/G.W | 300/350 kg | 160/210 kg |

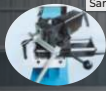
STANDARD ROLL FORMS



Specifications are subject to changed without prior notice.

SHEET METAL

TUBE & PROFILE END GRINDER



Sanding For Tube & Profile



Sanding on Back

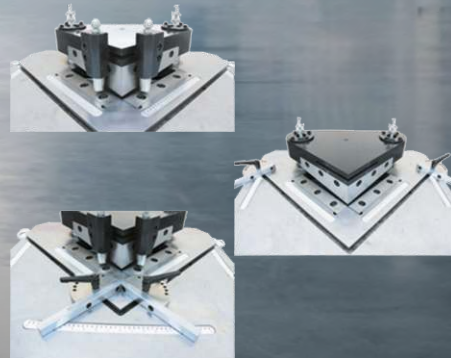


| MODEL | PRS-76A | PRS-76C |
|------------------|----------------|------------------|
| Motor Power | 2.2kW | 2.2/2.8kW |
| Adjustable slide | 200x75mm | 200x75mm |
| Grinding areas | 30° to 90° | 30° to 90° |
| Speed | 2800rpm | 2800rpm |
| Belt size | 100x2000mm | 100x2000mm |
| Belt speed | 15m/sec | 15m/sec, 30m/sec |
| Packing size | 1370x620x660mm | 1370x620x660cm |
| Net Weight | 178Kgs. | 188Kgs. |

FEATURES

- Combination of tube grinding, surface grinding and wheel grinding three function
- With double speed motor, forward and reverse control
- Grinds at any angle. from 30% to 90°.
- Grinds any diameter from 20-76mm
- With dust collector connector in PRS-76C
- Standard roller: 30mm
- Instruction Manual

HYDRAULIC ANGLE NOTCHER



| MODEL | HNM-6 |
|---------------------------|-----------------|
| Maximum Cutting Thickness | 6.5mm |
| Maximum Cutting Length | 250mm |
| Cutting Angle | 90° |
| Number of Strokes | 24/min. |
| Working Table | 810x750mm |
| Motor Power | 4 kW |
| Oil Tank Capacity | 35 Liter |
| Max. Working Pressure. | 12. Mpa |
| Packing Dimension | 1010x850x1400mm |
| Net Weight | 630Kgs. |

FEATURES

- Cuts Up To 6.5 Mm
- 250x250 Notch Size
- Notching Angle Fixes In 90° With High Notching Speed
- Compact Structure, Small Volume And Convenient Operation
- Instruction Manual

Specifications are subject to changed without prior notice.

SHEET METAL

FOOT SHEARING



| MODEL | Q01-1.0x1000 | Q01-1.5x1320 | Q01-2x1000 |
|----------------------------|-----------------|-----------------|-----------------|
| Maximum Shearing Thickness | 1.0mm | 1.5mm | 2.0mm |
| Maximum Shearing Width. | 1000mm | 1320mm | 1000mm |
| Back Gauge Range | 0-700mm | 0-700mm | 0-700mm |
| Packing Dimension | 1400x760x1150mm | 1680x760x1150mm | 1400x760x1150mm |
| Net Weight | 365Kgs. | 490Kgs. | 405Kgs. |

FEATURES/ACCESSORIES

- With Both Front And Back Gauge
- With Heavier Weight, Good Stability
- High Carbon And Chrome Steel Blade
- A-Fully-Casting Structure-Not Easy-Deformation
- Used For Mild Steel, Aluminum Copper, Brass Zinc
- Plastic And Leads
- Instruction Manual

FOLDING MACHINE



FEATURES

- With Segment Bending: Blade For The Bending Of Box Section
- Various Widths Segments Shiftable Setup
- With Balanced Hammer, It Can Easy To Operate And Easy For Folding

| MODEL | W2.5x1220 | W2.0x2040A | W2.5x2040A | W2.0x2540A | W2.5x2540A | W2.0x3050A |
|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bending Width | 1220mm | 2040mm | 2040mm | 2540mm | 2540mm | 3050mm |
| Bending Thickness | 2.5mm | 2.0mm | 2.5mm | 2.0mm | 2.5mm | 2.0mm |
| Bending Angle | 0-135° | 0-135° | 0-135° | 0-135° | 0-135° | 0-135° |
| Packing Dimension | 1710x750x940mm | 2550x760x1000mm | 2550x760x1000mm | 3000x760x1000mm | 3000x760x1000mm | 3500x760x1000mm |
| Net Weight | 510Kgs. | 850Kgs. | 1145Kgs. | 1190Kgs. | 1310Kgs. | 1490Kgs. |

Specifications are subject to changed without prior notice.

SHEET METAL

PAN & BOX BRAKE



PBB 2020/1.2



PBB 1020/2.5

| MODEL | PBB1020/2.5 | PBB1270/2.0 | PBB1520/1.5 | PBB2020/1.2 | PBB2520/1.0 |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Maximum Working Length | 1020mm | 1270mm | 1520mm | 2020mm | 2520mm |
| Maximum Sheet Thickness | 2.5mm | 2.0mm | 1.5mm | 1.2mm | 1.0mm |
| Maximum Clamping Bar Lift | 47mm | 47mm | 47mm | 47mm | 47mm |
| Folding Angle | 0-135° | 0-135° | 0-135° | 0-135° | 0-135° |
| Packing Dimension | 1460x620x1270mm | 1700x710x1270mm | 1960x710x1300mm | 2470x940x1320mm | 2970x940x1320mm |
| Net Weight | 285Kgs. | 320Kgs. | 385Kgs. | 490Kgs. | 590Kgs. |



PBB 1020/2A



PBB 1020/3HH

PAN & BOX BRAKE

FEATURES

- A Fully Welded Structure,
- Compact High Quality Engineering
- Ensure Minimum Maintenance, Together With Simple and Safe Operation.
- With Foot Control. It Is Easy For Operation And Relax Hands.

| MODEL | PBB1020/2A | PBB1270/2A | PBB1520/1.5A | PBB1020/3SH | PBB1270/3SH |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Maximum Working Length | 1020mm | 1270mm | 1520mm | 1020mm | 1270mm |
| Maximum Sheet Thickness | 2.0mm | 2.0mm | 1.5mm | 2.0mm | 1.5mm |
| Maximum Clamping Bar Lift | 47mm | 47mm | 47mm | 45mm | 45mm |
| Folding Angle | 135° | 135° | 135° | 150° | 150° |
| Packing Dimension | 1460x640x1310mm | 1700x710x1300mm | 1960x710x1300mm | 1420x590x1420mm | 1670x660x1420mm |
| Net Weight | 320Kgs. | 350Kgs. | 395Kgs. | 420Kgs. | 465Kgs. |

Specifications are subject to changed without prior notice.

SHEET METAL

3-IN-1 COMBINATION SHEAR, BRAKE & ROLL



3-IN-1/1067x1.5



3-IN-1/1016



3-IN-1/305

| MODEL | 3-in-1/305 | 3-in-1/610 | 3-in-1/760 | 3-in-1/1016 | 3-in-1/1320 | 3-in-1067x1.5 | 3-in-1320x1.5 |
|-------------------------|---------------|---------------|----------------|-------------|-------------|---------------|---------------|
| Bed Width | 305mm | 610mm | 760mm | 1016mm | 1320mm | 1067mm | 1320mm |
| Max. Shearing Thickness | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.5mm | 1.5mm |
| Max. Bending Thickness | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.5mm | 1.5mm |
| Max. Bending Angle | 90° | 90° | 90° | 90° | 90° | 90° | 90° |
| Max. Rolling Thickness | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.0mm | 1.5mm | 1.5mm |
| Min. Rolling Diameter | 39mm | 39mm | 39mm | 40mm | 50mm | 56mm | 60mm |
| Packing Dimension | 490x330x420mm | 840x410x660mm | 1000x410x660mm | 135x45x72cm | 168x54x78cm | 150x59x93cm | 179x59x93cm |
| Net/Gross Weight | 43/45Kgs. | 112/123Kgs. | 36/153Kgs. | 195/210Kgs. | 349/377Kgs. | 390/440Kgs. | 470/530Kgs. |

FEATURES

- Heavy-duty type.
- Back gauge standard equipment.
- With two position handles.
- Combination shear, brake and roll in one compact machine, capacity up to 1.5mm
- Removable male dies with female dies.
- Back gauge standard equipment.
- With two position handles.
- Shearing mild steel or equipment.
- Press brake-bends box and pan works.
- Sectional fingers allow box and pan works.
- Slip roll provided with forming grooves.
- Ideal combination machine for sheet metal machining to a long of 305mm and a thickness of 1.0mm cutting stop
- Roll bending starting with diameter of 39mm
- Folding with a max. angle of 90°.
- Adjustable rear stop.

Specifications are subject to changed without prior notice.

SHEET METAL

BEAD BENDING MACHINE



ETB-25 / 40



ETB-12



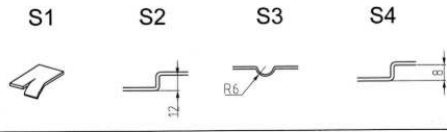
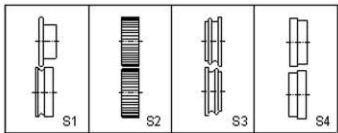
TB-12

| MODEL | TB-12 | ETB-12 | ETB-25 | ETB-40 |
|-----------------------|---------------|-----------------|-----------------|-----------------|
| Thickness Max. for GI | 1.2 mm | 1.2mm | 2.5mm | 4mm |
| Cylinder Length | 140 mm | 140mm | 120mm | 165mm |
| Throat Depth | 200 mm | 200mm | 280mm | 300mm |
| Cylinder Speed | - | 32rpm | 20rpm | 15.3rpm |
| Motor Power | - | 1HP | 2HP | 3HP |
| Net Weight | 48kg | 120kg | 235kg | 341kg |
| packing Size | 670x320x600mm | 1100x480x1480mm | 1470x580x1350mm | 1650x580x1400mm |

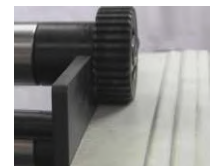
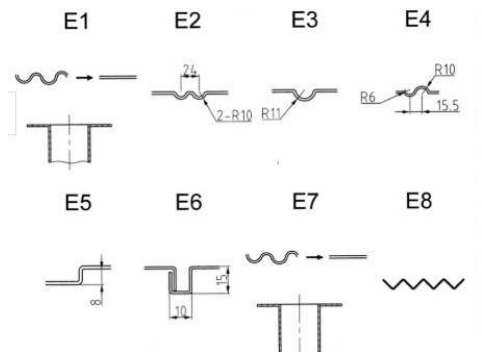
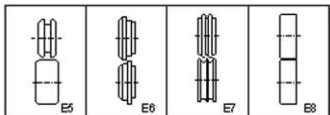
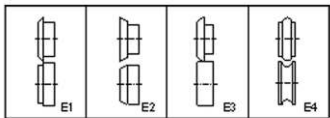
FEATURES

- Heavy and solid cast
- iron construction
- Special steel adjustable
4-sets standard rollers.
- Steel shaft with bronze bushing
- Reduction motor with brake system

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



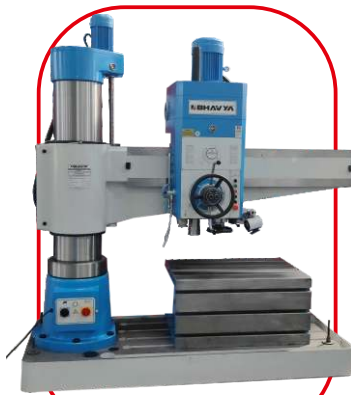
Specifications are subject to changed without prior notice.

ALSO AVAILABLE

WORKSHOP & TOOLROOM MACHINES - EDITION 2



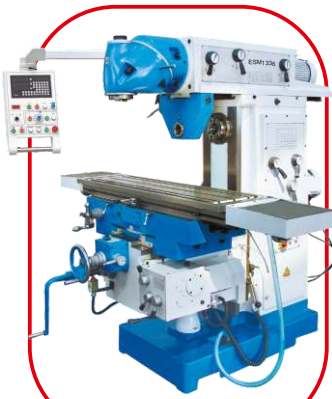
LATHE MACHINE



RADIAL DRILL MACHINE



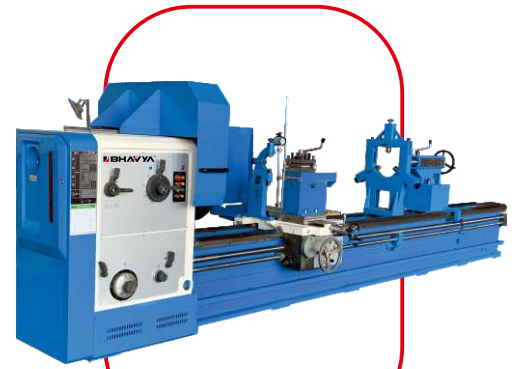
ALL GEARED DRILLING & MILLING MACHINE



UNIVERSAL MILLING MACHINE



SURFACE GRINDER MACHINE



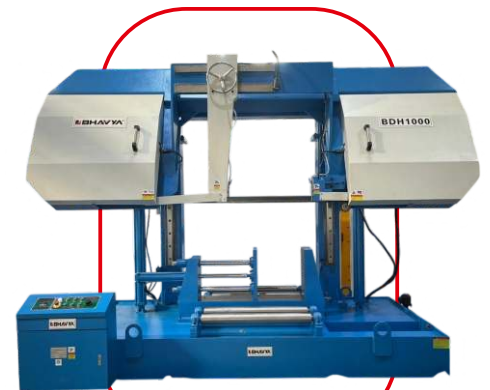
EXTRA HEAVY DUTY LATHE MACHINE



VMC MACHINE



CNC MACHINE



BANDSAW MACHINE

Specifications are subject to changed without prior notice.

ALSO AVAILABLE

TOOLS RESHARPENING MACHINES - EDITION 3



ELECTRIC TAPPING



DRILL BIT RE-SHARPENER



END MILL RE-SHARPENER



UNIVERSAL CUTTER GRINDER



UNIVERSAL CUTTER GRINDER



CNC INSERT GRINDER



CNC TOOL RE-SHARPENER



PORTABLE CHAMFER



COMPLEX CHAMFER

Specifications are subject to changed without prior notice.

VALUABLE PATRONS



Specifications are subject to changed without prior notice.

VALUABLE PATRONS



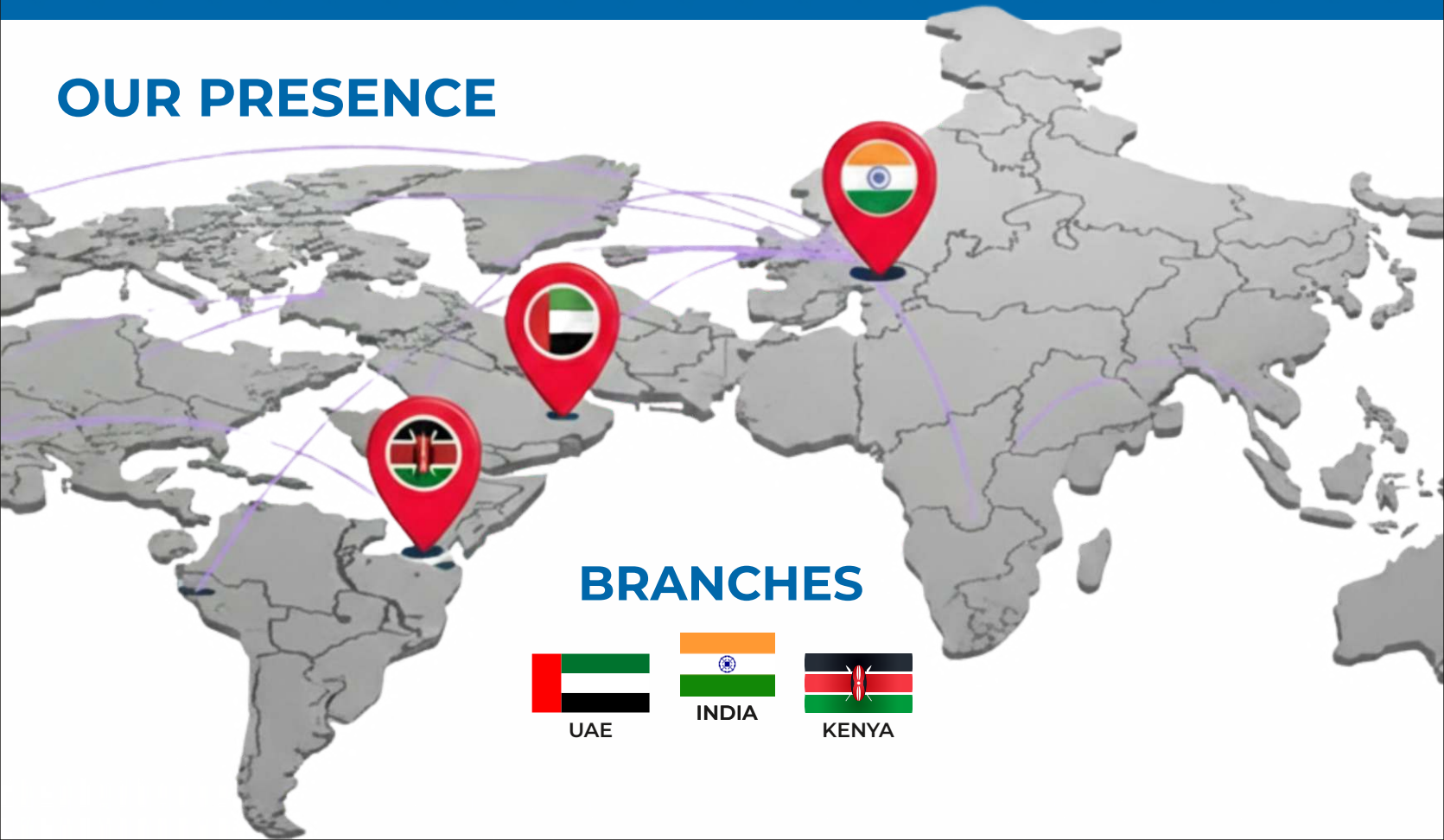
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CORPORATE OFFICE



OUR PRESENCE



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