PAYAPRESS



Professional Busbar Processing Machines

INDUSTRY 4.0

Catalogue 2025

PAYAPRESS

Payapress industrial company is a grand manufacturer of Busbar Processing Machines in the worldwide. Widespread domestic and foreign usage of our products by hundreds of leading electrical panel manufacturers confirms our claim. Since designing the products took years to accomplish, we guarantee the high quality of our products.

Professional Busbar Processing Machines are designed in order to facilitate bending, punching and cutting busbars.
Each type of Busbar Machine provides users with a range of functions. The most limited type which is provided with one power pack allows users to use cutting, bending and punching busbars one by one. In organizations where there is a huge pile of works should be done, therefore all three parts of busbar machine should be favorably used simultaneously, Busbar machine with three power packs should be recommended.
Some options can be offered to moderate function of busbar machine; Such as Programmable Length Stopper which is replaced by Handy Length Stopper in punching and cutting and cause high accuracy in positioning, Rollers provide better Busbar movement as well.
Busbar Bending Machine equipped with high accuracy digital angle indicator which allows high performance bending and also in puncher, laser pointer helps finding center of holes easily. Movable stripper plates on busbar Punching Machine as an advantage prevents fraction on busbars.

Punching

Cutting

Normal Bending

Step Bending

Edge Bending

Twist Bending

Cable Cutting

Crimping Press

CNC

Computer Numerical Control

Laser Pointer



PAYAPRESS

A Series

Bender | Puncher | Cutter

HBC-A120-EH | HBC-A120-ES | HBC-A160-EH | HBC-A160-ES



Model	HBC-A120-EH / HBC-A120-ES	HBC-A160-EH / HBC-A160-ES
Function	Cutting, Punching and Bending Busbars **Simultaneously**	Cutting, Punching and Bending Busbars **Simultaneously**
Bender Capacity	Up to 120 x 12 mm	Up to 160 x 15 mm
Cutting Capacity	Up to 120 x 12 mm	Up to 160 x 15 mm
Punching Capacity	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)	Circle dies: M6 up to M18 Oval and Rectangle Dies (Optional)
Bender Controller	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder
Bender Molds	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)
Puncher Center Finder	Laser Pointer	Laser Pointer
Length Measuring in Puncher and Cutter	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**
Hydraulic System	Three Separate Power Packs Double Acting System	Three Separate Power Packs Double Acting System
Operating Pressure	200 Bar	200 Bar
Power Rating	3 x 1.5 Kw	3 x 2.2 Kw
Voltage	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz
Oil	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 70 Liters
Main Desk Dimension	200 x 110 x 100 (H) cm	200 x 110 x 100 (H) cm
Roller Desk Dimension	110 x 110 cm	110 x 110 cm

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B Series

Bender | Puncher | Cutter

HBC-B120-EH | HBC-B120-ES | HBC-B160-EH | HBC-B160-ES



Model	HBC-B120-EH	HBC-B120-ES	HBC-B160-EH	HBC-B160-ES
Function	Cutting, Punching and Bending Busbars **One by One**		Cutting, Punching and Bending Busbars **One by One**	
Bender Capacity	Up to 120 x 12 mm		Up to 160 x 15 mm	
Cutting Capacity	Up to 120 x 12 mm		Up to 160 x 15 mm	
Punching Capacity	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)		Circle dies: M6 up to M18 Oval and Rectangle Dies (Optional)	
Bender Controller	Electronic Controller High Accuracy Encoder		Electronic Controller High Accuracy Encoder	
Bender Molds	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)		Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	
Puncher Center Finder	Laser Pointer		Laser Pointer	
Length Measuring in Puncher and Cutter	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**		Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	
Hydraulic System	One Power Pack Double Acting System		One Power Pack Double Acting System	
Operating Pressure	200 Bar		200 Bar	
Power Rating	1 x 1.5 Kw		1 x 2.2 Kw	
Voltage	380 Volt - 3/50 Hz		380 Volt - 3/50 Hz	
Oil	Hydraulic Oil H68 - 70 Liters		Hydraulic Oil H68 - 70 Liters	
Main Desk Dimension	200 x 110 x 100 (H) cm		200 x 110 x 100 (H) cm	
Roller Desk Dimension	110 x 110 cm		110 x 110 cm	

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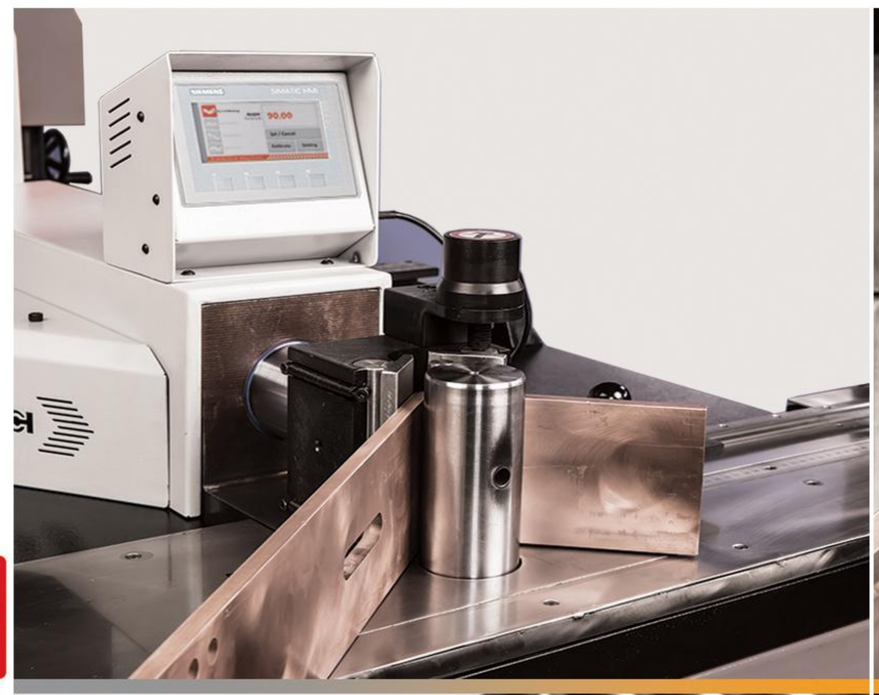
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Bender

HBC-A120-EH | **HBC-A120-ES** | **HBC-A160-EH** | **HBC-A160-ES**

HBC-B120-EH | HBC-B120-ES | HBC-B160-EH | HBC-B160-ES

- Bender controller equiped by spring back compensation system
- Digital angle indicator leads to perfect bending result
- Rotatable plates prevent fractions in busbars surface





Step mold (optional)
- To create too closed bends in one stroke
- Could be designed in different sizes by order





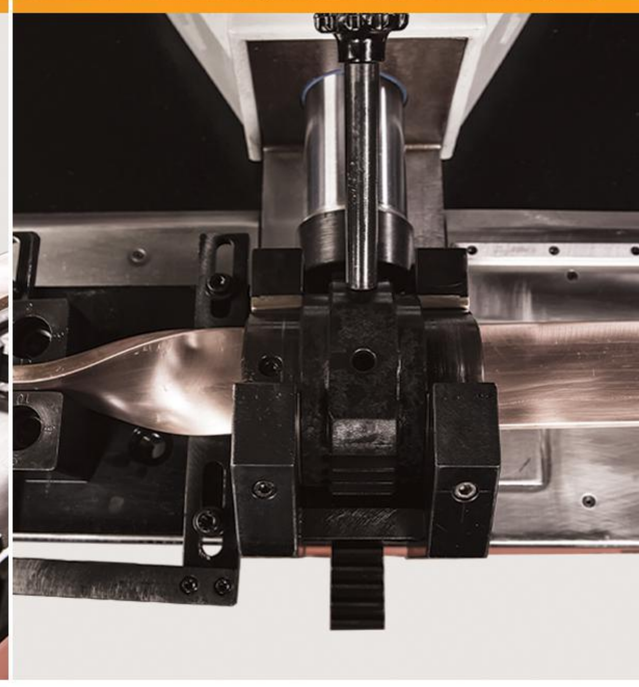
Edge bending mold (optional)
- To bend busbars from edge side
- Busbar size limits:
  up to 90 degree; 40 x 10 mm
  up to 45 degree; 50 x 10 mm





Twist bending mold (optional)
- To twist busbars for special purpose
- Busbar size limits: 60 x 10 mm
  up to 90 degree





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Puncher

HBC-A120-EH | **HBC-A120-ES** | **HBC-A160-EH** | **HBC-A160-ES**

HBC-B120-EH | HBC-B120-ES | HBC-B160-EH | HBC-B160-ES



Laser pointer helps to find center of holes easily
- Easy and changeable dies
- Movable stripper plate prevents fraction in dies
- Double acting hydraulic systems prevents sticking dies in busbar after punching

Guides could be moved up to center of dies
Rollers at two sides of puncher for ease of busbar movement
Programmable Length Stopper cause high accuracy in positioning of holes (optional)
- Could be programmed in absolute and incremental positions
- Programmable for 20 positions

Handy Length Stopper
With high accuracy adjustment

Circle dies from M6 up to M18
Oval and rectangle dies (optional)

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Cutter

HBC-A120-EH	**HBC-A120-ES**	**HBC-A160-EH**	**HBC-A160-ES**
HBC-B120-EH	HBC-B120-ES	HBC-B160-EH	HBC-B160-ES



- Precise cutting with high quality
- Perfect finishing after cutting
- Center oriented guide leads to the best result

Programmable Length Stopper cause high accuracy in positioning of cuts (optional)
- Could be programmed in absolute and incremental positions
- Programmable for 20 positions

Rollers at two sides of cutter for ease of busbar movement

Handy Length Stopper with high accuracy adjustment

PAYAPRESS

Cutter | Puncher

HBC-CP120-EH | HBC-CP120-ES | HBC-CP160-EH | HBC-CP160-ES



Model	HBC-CP120-EH	HBC-CP120-ES	HBC-CP160-EH	HBC-CP160-ES
Function	Cutting and Punching Busbars **Simultaneously**		Cutting and Punching Busbars **Simultaneously**	
Cutting Capacity	Up to 120 x 12 mm		Up to 160 x 15 mm	
Punching Capacity	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)		Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)	
Puncher Center Finder	Laser Pointer		Laser Pointer	
Length Measuring in Puncher and Cutter	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**		Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	
Hydraulic System	Two Separate Power Packs Double Acting System		Two Separate Power Packs Double Acting System	
Operating Pressure	200 Bar		200 Bar	
Power Rating	2 x 1.5 Kw		2 x 2.2 Kw	
Voltage	380 Volt - 3/50 Hz		380 Volt - 3/50 Hz	
Oil	Hydraulic Oil H68 - 60 Liters		Hydraulic Oil H68 - 60 Liters	
Main Desk Dimension	250 x 110 x 100 (H) cm		250 x 110 x 100 (H) cm	
Roller Desk Dimension	150 x 110 cm		150 x 110 cm	

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Bender

HBC-BE120-ES HBC-BE160-ES





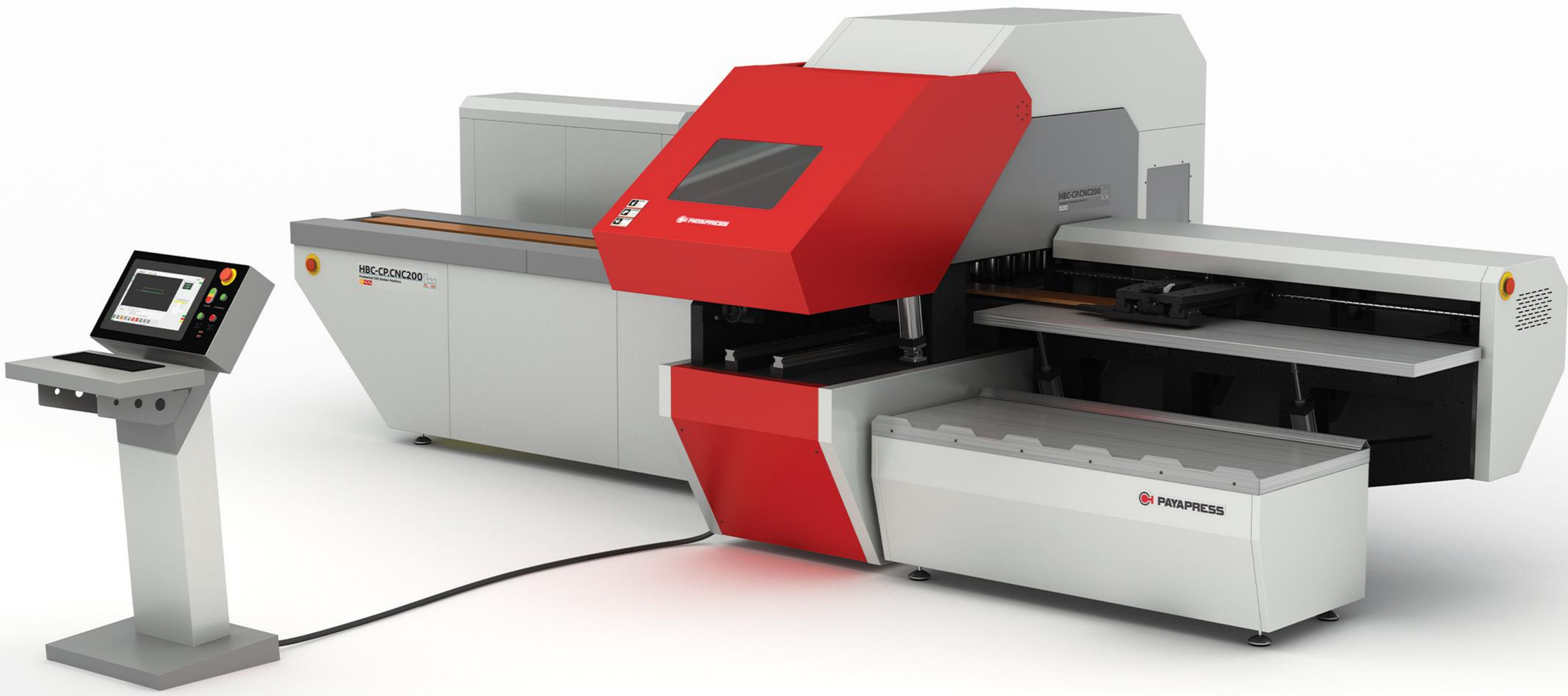
Model	HBC-BE120-ES	HBC-BE160-ES
Function	Bending Busbars	Bending Busbars
Bender Capacity	Up to 120 x 12 mm	Up to 160 x 15 mm
Bender Controller	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder
Bender Molds	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)
Length Measuring in Bender	Programmable Length Stopper	Programmable Length Stopper
Hydraulic System	One Power Pack Double Acting System	One power pack Double Acting System
Operating Pressure	200 Bar	200 Bar
Power Rating	1 x 1.5 Kw	1 x 2.2 Kw
Voltage	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz
Oil	Hydraulic Oil H68 - 30 Liters	Hydraulic Oil H68 - 30 Liters
Main Desk Dimension	246 x 110 x 95 (H) Cm	246 x 110 x 95 (H) Cm

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CNC

HBC-CP.CNC200



CNC

Model	HBC-CP.CNC200
Function	Cutting and Punching Busbars **Simultaneously**
Cutting Capacity	Up to 200 x 15 mm
Punching Capacity	Busbar Size: 200 x 15 mm Circle Dies: M6 up M20
Puncher Center Finder	CNC Controller
Length Measuring in Puncher and Cutter	Ball Screw and Servo Motors
Hydraulic System	One Power Pack, Double Acting System
Max Force	400 (KN)
Operating Pressure	200 Bar
Power Rating	1 x 11 Kw
Voltage	380 Volt - 3/50 Hz
Oil	Hydraulic Oil H68 - 290 liters
Main Desk Dimension	537 x 240 x 188 (H) cm

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Professinal CNC Busbar Machine is designed in order to facilitate punching & cutting Busbars in high speed with high percision.
This Machine is equipped with **seven tool stations** and could handle busbars in length of 4 meters with thickness of 15 mm.
CNC controller provide wide rang of different size of holes punching in shortest time with high accuracy.
Extreme durability and unrivalled speed characterize the professional production line.
The machine is **fully automated** once the production process is launched.
The linear tool carrier(y-axis) has 7 stations that hold 6 punching and one cutting tool.
Punches and dies can be changed rapidly.

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New Product

Economic Busbar Processing Machine

HBC-EA120-EH HBC-EB120-EH



Model	HBC-EA120-EH	HBC-EB120-EH
Function	Cutting, Punching and Bending Busbars **Simultaneously**	Cutting, Punching and Bending Busbars **One by One**
Bender Capacity	Up to 120 x 12 mm	Up to 120 x 12 mm
Cutting Capacity	Up to 120 x 12 mm	Up to 120 x 12 mm
Punching Capacity	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)
Bender Controller	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder
Bender Molds	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)
Puncher Center Finder	Laser Pointer	Laser Pointer
Length Measuring in Puncher and Cutter	Handy Length Stopper **(EH)**	Handy Length Stopper **(EH)**
Hydraulic System	Three Separate Power Packs Double Acting System	One Power Pack Double Acting System
Operating Pressure	200 Bar	200 Bar
Power Rating	3 x 1.5 Kw	1.5 Kw
Voltage	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz
Oil	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 30 Liters
Main Desk Dimension	238 x 110 x 100 (H) cm	238 x 110 x 100 (H) cm

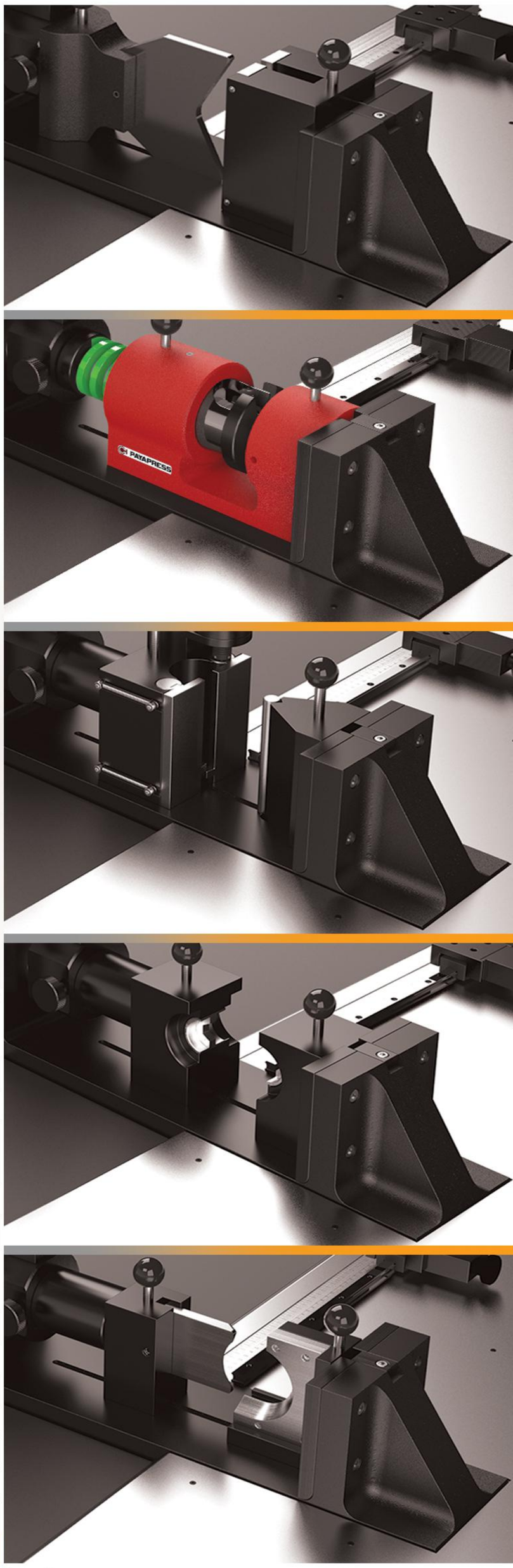
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Workshop Busbar Processing Machine

HBC-PC120-EH





Model	HBC-PC120-EH
Function	Cutting, Punching and Bending Busbars One by One Crimping/Cutting Cable (Optional)
Bender Capacity	Up to 120 x 12 mm
Cutting Capacity	Up to 120 x 12 mm
Punching Capacity	Circle Dies: M6, M8, M10, M12, M14, M16, M18 Crimping/Cutting Size: up to 240 mm^2
Crimping Cable Capacity	Up to 240 mm^2
Cutting Cable	Up to 240
Bender Controller	Electronic Controller High Accuracy Encoder
Hydraulic System	One Power Pack, Double Acting System
Puncher Laser Finder	Laser Pointer
Operating Pressure	200 Bar
Power Rating	1 x 1.5 Kw
Voltage	220 Volt - 1/50 Hz
Oil	Hydraulic Oil H68 - 30 liters
Main Desk Dimension	100 x 120 x 101 (H) cm

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Model	HBC-A120-EH / HBC-A120-ES	HBC-A160-EH / HBC-A160-ES	HBC-B120-EH / HBC-B120-ES	HBC-B160-EH / HBC-B160-ES	HBC-CP120-EH / HBC-CP120-ES	HBC-CP160-EH / HBC-CP160-ES	HBC-BE120-ES	HBC-BE160-ES	HBC-CP.CNC200	HBC-EA120-EH	HBC-EB120-EH	HBC-PC120-EH
Function	Cutting, Punching and Bending Busbars **Simultaneously**	Cutting, Punching and Bending Busbars **Simultaneously**	Cutting, Punching and Bending Busbars **One by One**	Cutting, Punching and Bending Busbars **One by One**	Cutting and Punching Busbars **Simultaneously**	Cutting and Punching Busbars **Simultaneously**	Bending Busbars	Bending Busbars	Cutting and Punching Busbars Simultaneously	Cutting, Punching and Bending Busbars **Simultaneously**	Cutting, Punching and Bending Busbars **One by One**	Cutting, Punching and Bending Busbars One by One Crimping/Cutting cable (Optional)
Bender Capacity	Up to 120 x 12 mm	Up to 160 x 15 mm	Up to 120 x 12 mm	Up to 160 x 15 mm			Up to 120 x 12 mm	Up to 160 x 15 mm		Up to 120 x 12 mm	Up to 120 x 12 mm	Up to 120 x 12 mm
Cutting Capacity	Up to 120 x 12 mm	Up to 160 x 15 mm	Up to 120 x 12 mm	Up to 160 x 15 mm	Up to 120 x 12 mm	Up to 160 x 15 mm			Up to 200 x 15 mm	Up to 120 x 12 mm	Up to 120 x 12 mm	Up to 120 x 12 mm
Punching Capacity	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Oval and Rectangle Dies (Optional)			Busbar Size: 200 x 15 mm Circle Dies: M6 up M20	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6 up to M18 Oval and Rectangle Dies (Optional)	Circle Dies: M6, M8, M10 M12, M14, M16, M18 Crimping/Cutting Size: up to 240 mm²
Bender Controller	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder			Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder		Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder	Electronic Controller High Accuracy Encoder
Bender Molds	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)			Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)		Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	Step Mold (Optional) Edge Bending Mold (Optional) Twist Mold (Optional) End-Bending Mold (Optional)	
Puncher Center Finder	Laser Pointer	Laser Pointer	Laser Pointer	Laser Pointer	Laser Pointer	Laser Pointer			CNC Controller	Laser Pointer	Laser Pointer	Laser Pointer
Length Measuring in Puncher and Cutter	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**	Handy Length Stopper **(EH)** Programmable Length Stopper **(ES)**			Ball Screw and Servo Motors	Handy Length Stopper **(EH)**	Handy Length Stopper **(EH)**	
Length Measuring in Bender	Handy Metering System	Handy Metering System	Handy Metering System	Handy Metering System			Programmable Length Stopper	Programmable Length Stopper				
Hydraulic System	Three Separate Power Packs Double Acting System	Three Separate Power Packs Double Acting System	One Power Pack Double Acting System	One Power Pack Double Acting System	Two Separate Power Packs Double Acting System	Two Separate Power Packs Double Acting System	One Power Pack Double Acting system	One Power Pack Double Acting System	One Power Pack Double Acting System	Three Separate Power Packs Double Acting System	One Power Pack Double Acting System	One Power Pack Double Acting System
Operating Pressure	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar	200 Bar
Power Rating	3 x 1.5 Kw	3 x 2.2 Kw	1 x 1.5 Kw	1 x 2.2 Kw	2 x 1.5 Kw	2 x 2.2 Kw	1 x 1.5 Kw	1 x 2.2 Kw	1 x 11 Kw	3 x 1.5 Kw	1.5 Kw	1 x 1.5 Kw
Voltage	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	380 Volt - 3/50 Hz	220 Volt - 1/50 Hz
Oil	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 60 Liters	Hydraulic Oil H68 - 60 Liters	Hydraulic Oil H68 - 30 Liters	Hydraulic Oil H68 - 30 Liters	Hydraulic Oil H68 - 290 Liters	Hydraulic Oil H68 - 70 Liters	Hydraulic Oil H68 - 30 Liters	Hydraulic Oil H68 - 30 Liters
Main Desk Dimension	200 x 110 x 100 (H) cm	200 x 110 x 100 (H) cm	200 x 110 x 100 (H) cm	200 x 110 x 100 (H) cm	250 x 110 x 100 (H) cm	250 x 110 x 100 (H) cm	246 x 110 x 95 (H) Cm	246 x 110 x 95 (H) Cm	537 x 240 x 188 (H) cm	238 x 110 x 100 (H) cm	238 x 110 x 100 (H) cm	100 x 120 x 101 (H) cm
Roller Desk Dimension	110 x 110 cm	110 x 110 cm	110 x 110 cm	110 x 110 cm	150 x 110 cm	150 x 110 cm						





	Items	Models	Max. Capacity	Cutting	Punching	Bending	Stopper	Material	Number of Operators	Function	Industry 4.0
	1	HBC-A160-EH	160 x 15 mm	✓	✓	✓	Handy	Al/Cu	3	Simultaneously	✓
	2	HBC-A160-ES	160 x 15 mm	✓	✓	✓	Automatic	Al/Cu	3	Simultaneously	✓
	3	HBC-A120-EH	120 x 12 mm	✓	✓	✓	Handy	Al/Cu	3	Simultaneously	✓
	4	HBC-A120-ES	120 x 12 mm	✓	✓	✓	Automatic	Al/Cu	3	Simultaneously	✓
	5	HBC-B160-EH	160 x 15 mm	✓	✓	✓	Handy	Al/Cu	3	One by One	✓
	6	HBC-B160-ES	160 x 15 mm	✓	✓	✓	Automatic	Al/Cu	3	One by One	✓
	7	HBC-B120-EH	120 x 12 mm	✓	✓	✓	Handy	Al/Cu	3	One by One	✓
	8	HBC-B120-ES	120 x 12 mm	✓	✓	✓	Automatic	Al/Cu	3	One by One	✓
	9	HBC-CP160-EH	160 x 15 mm	✓	✓	✗	Handy	Al/Cu	2	Simultaneously	✓
	10	HBC-CP160-ES	160 x 15 mm	✓	✓	✗	Automatic	Al/Cu	2	Simultaneously	✓
	11	HBC-CP120-EH	120 x 12 mm	✓	✓	✗	Handy	Al/Cu	2	Simultaneously	✓
	12	HBC-CP120-ES	120 x 12 mm	✓	✓	✗	Automatic	Al/Cu	2	Simultaneously	✓
	13	HBC-BE120-ES	120 x 12 mm	✗	✗	✓	Automatic	Al/Cu	1	One by One	✓
	14	HBC-BE160-ES	160 x 15 mm	✗	✗	✓	Automatic	Al/Cu	1	One by One	✓
	15	HBC-CP.CNC200	200 x 15 mm	✓	✓	✗	CNC	Al/Cu	1	“Auto”	✓
	16	HBC-EA120-EH	120 x 12 mm	✓	✓	✓	Handy	Al/Cu	3	Simultaneously	✓
	17	HBC-EB120-EH	120 x 12 mm	✓	✓	✓	Handy	Al/Cu	1	One by One	✓
	18	HBC-PC120-EH *	120 x 12 mm	✓	✓	✓	Handy	Al/Cu	1	Changing Tools	✓

* Notice: Crimping and Cutting Cable heads are Optional for “HBC-PC120 EH”

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