

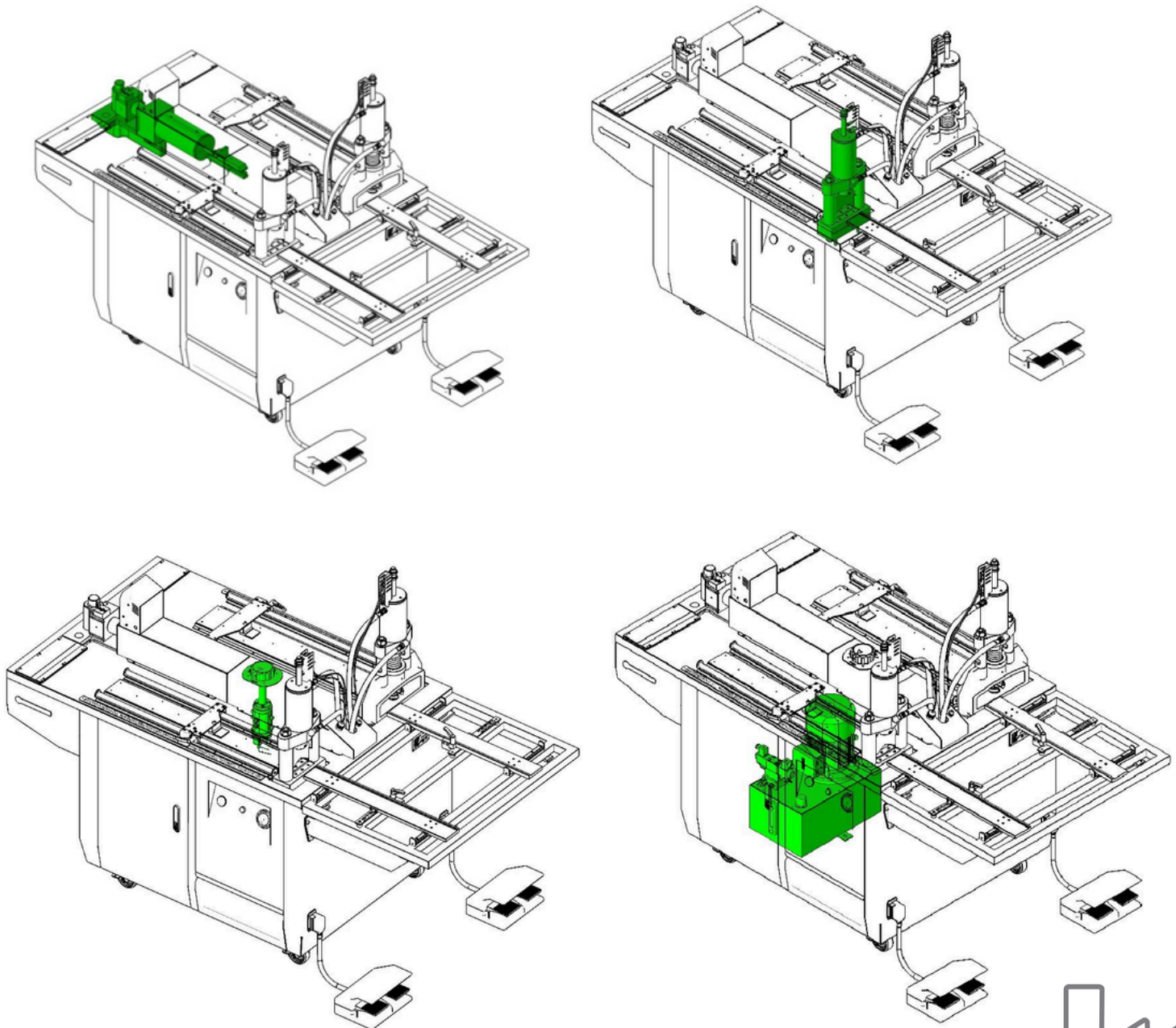


HBC-EB120 EH

Technical Information and Features



The 3-in-1 Economic Busbar Machine provides a compelling solution for contemporary busbar fabrication requirements. Integrating cutting, punching, and bending functionalities within a single, robust device, it offers a streamlined approach to busbar processing suitable for diverse operational scales. Its user-friendly design and economical price point democratize access to advanced fabrication technology. Crucially, this machine is compact in spaces and operates busbars up to 120x12 mm. Considering that this machine is equipped with only one power pack, the work on each station can be done one at a time by using the "Station Selector" placed in the middle of the machine to Switch to any Function that you may need. this feature makes it even more economic in the pricing than the HBC-EA120 EH.



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HBC-EB120 EH: Precision Economic 3 in 1 Machine

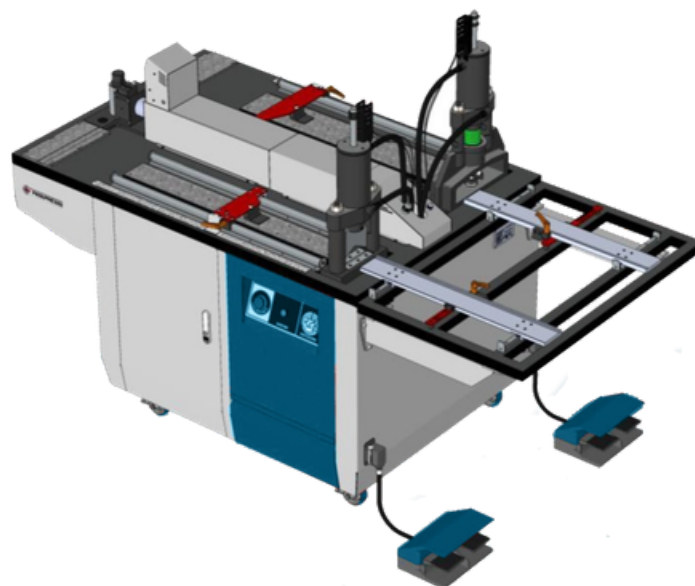
Key Features:

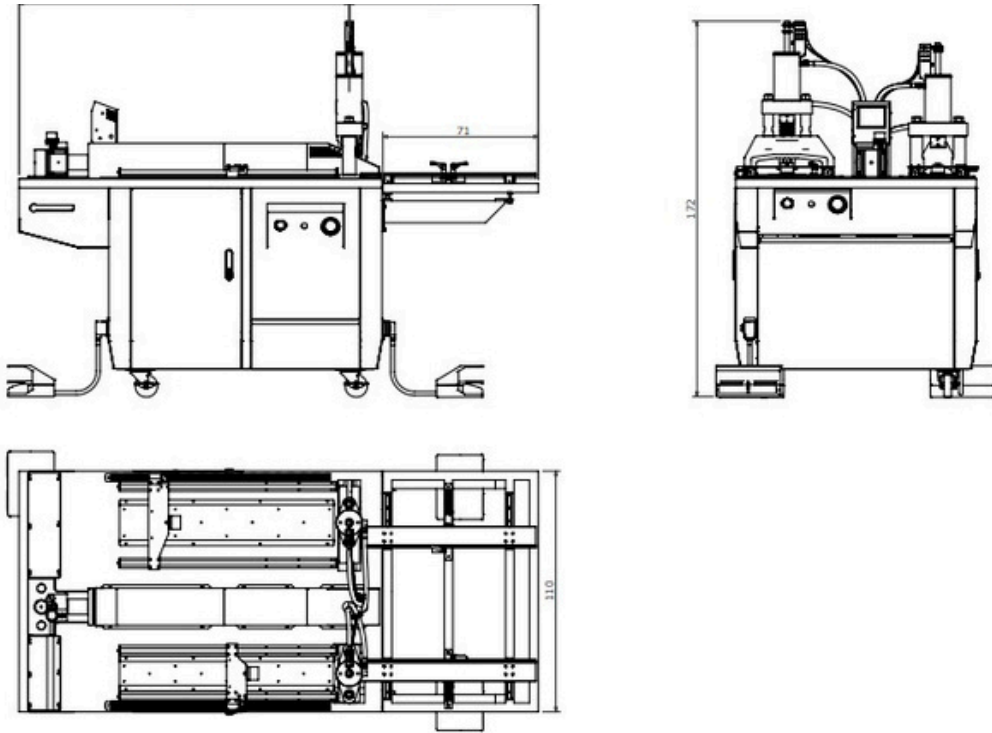
- Space-saving solution: a powerful 3-in-1 machine delivering full functionality for projects in compact areas.
- Enhanced Accuracy: Bender controller equipped with spring back compensation system.
- Station Selector: By using this feature you will be able to switch to one of the three functions easily.
- Precise Punching: Laser center finder and programmable length stopper options for accurate punching.
- Smart Manufacturing: Industry 4.0 compatibility for real-time process monitoring.

Benefits:

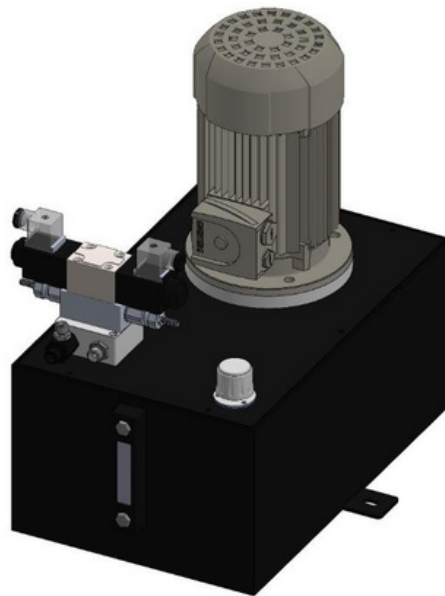
- Economic Price: Having all three functions with multiple options on each, with compact design makes this machine special and very economic.
- Consistent Bend Quality: Reliable and repeatable bending performance.
- Economic Pricing: with having all options a busbar machine could have, this machine is very efficient in pricing.
- Advanced Technology: Integration with Industry 4.0 for smart manufacturing.

The HBC-EB120 EH is an Economic 3 in 1 busbar processing machine capable of Bending in multiple shapes such as; Twist Bending, Step Bending, Narrow Bending etc. and cutting, punching circular, oval, and rectangular holes in copper and aluminum busbars. This Machine is Equipped with one punching station, one shearing station and a precise bending station which can be operated one at a time. This machine delivers precise and efficient operations with a reasonable pricing.





Our innovative hydraulic power system, powered by a compact power pack, leverages advanced differential pressure circuits and energy storage. This design optimizes efficiency, reduces noise, and enhances reliability. Efficient fan cooling ensures optimal performance.



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Technical Parameters and Main Components:

Item	Parameter	Unit	HBC-EB120EH
1	Cutting	kN	160
2	Punching	kN	160
2	Bender	kN	220
3	Wide range	mm	15-120
4	Thickness range	mm	3-12
5	Punching range	mm	4.5-20
12	Punching mold	Set	7
13	Cutting mold	Set	1
18	Main machine weight	kg	620
19	Machine footprint (L x W x H)	mm	2380 X 1100 X 1690
20	Max hydraulic force	bar	200
21	Total motor power	kW	2
22	HMI For Bender 4.3"	Delta	
23	PLC	Delta	
22	Pipe joint	RN	
23	Sealing element	KASTAS'	
24	High and low pressure combination pump, hydraulic valve	Tork Hydraulic	
25	hydraulic pump	Arafan	
26	Motor	Electrogen	
27	Hydraulic station power	1 x 1.5kW	
28	Sensor	Autonics	
29	Control buttons	Raad	
30	AC contactor	Schneider	
31	Linear Slider	TBI	

