## **BMC CNC** Machinery

## CNC Busbar Punching Shearing Machine

HQ600-S-7/8P Series

数控母线冲剪机

## Functions

Processing copper and aluminum busbars involves cutting, punching, chamfering, and (including round, square, irregular holes, and slots).

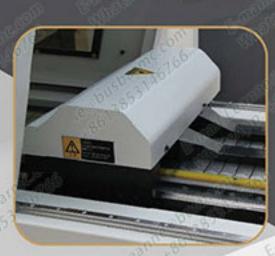
## Features

- This machine specializes in processing copper and aluminum busbars for high and low voltage systems, offering high efficiency, low energy consumption, precision, ease of use, and a modern design.
- This machine features unique processing principles, a patented hydraulic cylinder system, and a daily capacity of several tons, making it the top choice for busbar processing.
- It allows single clamping for long busbars, automating punching and shearing without manual intervention through automatic clamp switching. Optional 7/8-punch and 1-shear inline die sets; embossing available.
- Cutting dies is a single pole type hedge Scissor, no waste after shearing.
- The machine comprises a feeding table, mould base, conveying system, servo control unit, and assistant design
- system, delivering stable and reliable performance.
- Featuring a user-friendly interface and the self-developed BMC busbar processing design system, it provides real-time monitoring of program operations.
- The mould base, made of ductile iron, offers excellent wear resistance, ensuring long-term Concentricity of punching molds.









拉料夹钳 Pulling Clamp



移动缸伺服系统 Moving Cylinder Servo System

70, 24wc 100	James Stram III can +80	ilitean 180	E-way to Mb. De con
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型号 Model	hac om armc.cco	HQ400-S-7P/8P	HQ600-S-7P/8P
Nominal Press	ure, 10, 100 6 6 1 2 35 3 1 4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400KN 80	eookn 466 Filling
Maximum Processing Size		12×160mm	15×200mm
Punching Range		Ф4.3-25mm	Φ4.3-35mm
Maximum Nun	nber of Molds	8punch 7punch +1embo	oss Bpunch 7punch +1emboss 1shear
Parameter Comparison	X-Axis Max Travel	2000mm	2000mm
	X-Axis Positioning Speed	60m/min	75m/min mc(166
	Y-Axis Max Travel	860mm	usba3140 busba3140 busba3
	Y-Axis Positioning Speed	35m/min	35m/min <sup>ne</sup> 86138 35m/min <sup>ne</sup> 86138 3m <sup>e</sup> 86138
	Z-Axis Max Travel	200mm mall APP	mall APP 310mm P mall APP mall
	Z-Axis Positioning Speed	35m/min	35m/min
	Punching Accuracy	± 0.2mm 03 110 46 100	±0.2mm
	Positioning Accuracy	0.10/500mm	0.10/500mm
	Punching Speed	100 times/min	120–150 times/min
	Number of Control Axes	6 Axis	All'Leap 6 Axis all'Leap bush
Machine Dimen	sions (LxWxH) 10500	)mm × 2750mm × 1700mm	10500mm × 2900mm × 1800mm
	C C	Optional Accessories	
Main Motor	allitean to Emailie App.	c.mails 90li mc 166	What barma ABB What 16100
Hydraulic Pum	npish who accom	Taiwan Hydromax	American Albert
Solenoid Valve		Taiwan Litand	German Rexroth
Guides/Screws		HIWIN / TBI/PMI	HIWIN/TBI/PMI
Servo System		Exton	German Rexroth
Industrial Computer T		n PanelMaster(Touch Scte	een) Beijing Qiyang
A Char	6.00 (a)	Random Accessories	

Random Accessories 8 sets of punching dies, 1 shear blade, 1 set of maintenance tools, and manuals with certificates included.