CNC Busbar Bending Machine

HQ400–B (1200B / 2000B) Series

数控母线折弯机

Functions

- The HQ400–B series CNC busbar bending machine is an ideal solution for bending copper and aluminum busbars, offering high efficiency, automation, precision, and time–saving benefits.
- The machine is powered by servo motors and controlled by a CNC unit, equipped with self–developed CAD/CAM software, leading the industry in automation. It is ideal for busbar processing in high/low voltage systems, substations, transformers, and bus ducts.
- The "closed bending" structure offers simplicity,Reasonable force, and significantly enhanced mechanical strength compared to open bending.
- Powered by high–inertia servo motors, it ensures stable transmission, high repeatability, and temperature–independent precision for enhanced stability.
- Centring–stress mode, linear guide rail guiding, balanced force, reducing the impact of partial load and friction on the life of the screw and machining accuracy.
- Can be used online with CNC busbar punching and shearing machine through CNC programming software, machine and software do not interfere with each other, easy maintenance.

Technical Parameters

型号 Model		HQ400–B / 1200B	HQ400–B / 2000B
Nominal Pressure		400KN	400KN
Gauge Length		1200mm	2000mm
Flat Bend Max Size		15x160mm	15x200mm
Vertical Bend Max Size		12x120mm	12x120mm
Parameter Comparison	Spindle Travel	200mm	200mm
	Main Motor Power	7.5kw	7.5kw
	Gauge Accuracy	±0.15	±0.15
	Bending Accuracy	±0.3	±0.3
设备尺寸 Sizes		3500x1450x1850mm	4300x1450x1850mm
设备重量 Weight		3100kg	3300kg

Optional Accessories

Servo spindle motor: Inovance	Lead Screw: Nanjing
Ball Screw:TBI	Computer: Beijing Qiyang
Precision Planetary Gearbox: SEW–Eurodrive	AC Contactor: Schneider
Programmable Controller: Inovance	Linear Guideway: Hiwin

Random Accessories

A set of random maintenance tools, a pack of spare seals, a foot switch