

► CNC Busbar Milling Machine

CNCMN-200A

母线圆弧加工中心

Functions

The main function of the busbar arc machining center is to mill corners (arcs) on the ends of copper and aluminum busbars.

Features

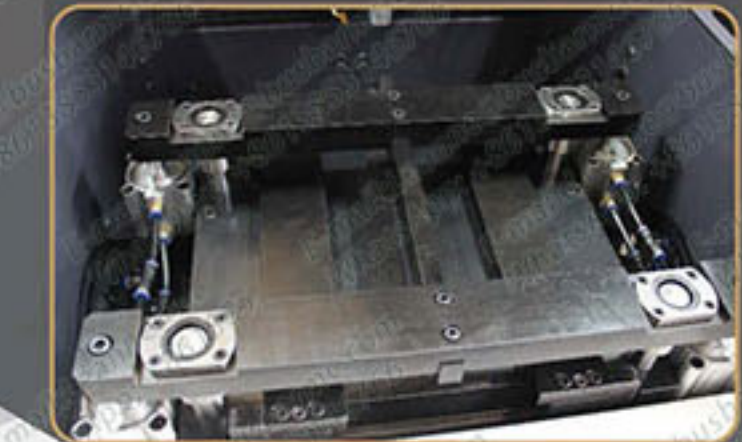
- It is mainly used for milling corner arcs on busbars with a thickness of 4-16mm, width of 30-200mm, and length of 150-6000mm.
- It features a gantry-style structure, simple design, smooth operation, and good structural rigidity.
- It is equipped with a six-position inline tool changer, automatically adjusting tool changes based on busbar width.
- It features an automatic work hour counter that cannot be reset, along with a production counter that can be reset.
- The machine uses BT40 tool holders for easy tool change, high rigidity, and precision. A two-axis CNC system is used, offering simple operation and easy maintenance.
- It supports simulated operation and manual online programming.



人机界面
Control Interface HMI



刀库
Knives Mold Base



夹紧机构
Clamping device

Technical Parameters

Parameter Name	Units	Parameter	备注 Remarks	
Cutting section	Spindle speed	r/min	6000	
	Main motor power	KW	3.7	
Working stroke	Spindle tool holder model		BT40	
	Y-axis	mm	500	Ensure that copper busbars within a width range of 160mm can be processed.
Process range	X-axis	mm	525	Ensure that copper busbars within a radius of 100mm can be processed.
	Workpiece thickness	mm	4-16	
Pneumatic system	Workpiece width	mm	30-200	
	Workpiece length	mm	150-6000	
Dimensions	System working pressure	MPa	0.4-0.6	
Weight	Length x Width x Height	mm	2260x1580x2100	
	KG		2100	

Optional Accessories

序号 NO	名称 Name	数量 Quantity	品牌 Brand
1	Ball screw	4套 set	TBI
2	Linear rolling guide rail	4副 pair	上银 Hiwin
3	Servo motor	4台 unit	力士乐 Rexroth
4	Servo driver	4套 set	力士乐 Rexroth
5	Pneumatic components	1套 set	汇丰 HSF
6	Spindle	1台 unit	景耀 Jingyao
7	PLC	1台 unit	倍福 Beckhoff