

MX602K-7C/MX302K-7C CNC Busbar Punching Cutting Machine



Scissor

Punching Molds



Main Function:

To cut/punch(all kinds of round/square/special holes and slot type)/chamfer/emboss the copper/ aluminum busbar ect.

Function Introduction:

- 1. This machine belongs to the special processing equipment of electrical power industry, high and low voltage complete sets, bus bar way and so on.
- 2. With the characteristics of high efficiency, low energy consumption, labor saving, time saving, high processing precision, convenient operation, beautiful and novel appearance (patent number: ZL 201430448531.8).
- 3. The equipment has a unique processing principle and processing method,Hydraulic cylinder moving device is design patent (patent number: 201320804568.X ZL),Daily processing capacity is in the number of tons or more.It is the preferred equipment for busbar processing line.
- 4. Mould base can choose 5 punching+1cutting+1embossing or 7punching+1cutting this two kinds of straight column type mould base.
- 5. Cutting dies is a single pole type hedge Scissor (Patent No.: ZL 201300804566) no waste after shearing.
- 6. The whole machine is composed of feeding platform, mould base, feeding device and servo control unit and BMC busbar processing assistant design system(certificate number: 846802nd)Real-time showing operating state of the program.
- 7. Mould frame adopts nodular cast iron material,good abrasion resistance, ensuring the concentric of the he upper and lower dies When long-term use when processing.

The Paramter:

Model	MX302K-7C	MX602K-7C
Max Punching/Shearing Force	30ton	60ton
Work Station Dimension (mm)	Feeding Station : 2500 × 500mm.	Feeding Station : 3500 × 500mm.
	Out Station : 2500mm × 500mm	Out Station : 2500mm × 500mm
Max Metal Plate Dimension	6000 × 120 × 12mm	6000 × 200 × 16mm
Max Processing Thichness *	12 × 125mm	16 × 200mm
Max Processing Width		
Max Punching Diameter	Φ4.3-25mm	Φ4.3-35mm
Max Numbers Of Installing Mould :	Shearing Moulds : 1	Shearing Moulds : 1
	Punching Moulds: 4	Punching Moulds: 5
Max Stroke Of X-axis:	2000mm	2000mm
X-axis Accuracy Error:	0.10/500mm(Accumulation)	10/500mm(Accumulation)
Max Stroke Of Y-axis:	740mm	960mm
Y-axis Accuracy Error:	0.10/500mm(Accumulation)	0.10/500mm(Accumulation)
Max Stroke Of Z-axis:	145mm	310mm
T-axis Transmission Length:	4100mm	4100mm
Stroke Of Beat Cylinder:	50mm	50mm
Number of Control axles	3	3
Overall Dimensions (Length × Width × Height)	10500 × 2500 × 1700 mm	10500 × 2750 × 1800 mm
Machine Weight	2700kg	6700kg

Package With:

Cutting Unit	1 Set Of Cutting Dies
Punching Unit	8 Sets Of Punching Molds
Other	Manual,Certification,Random Maintenance Tool 1 Set



Guide Screw



Moving Cylinder Device



Feeding Clamp



Touch Screen