

Electro Permanent Magnetic Milling Chuck

Electro permanent magnetic milling chuck is the best magnetic clamping tool at present, which use electro pulse to "open and close". It is very safe and reliable when workpiece is attracted by magnetic chuck in process. After attract workpiece by magnetism, the magnetic chuck holds the magnetism permanently. "Open and close" time is less than 1 second, electric pulse consume few energy, the magnetic chuck won't be thermal deformation.

ADVANTAGES

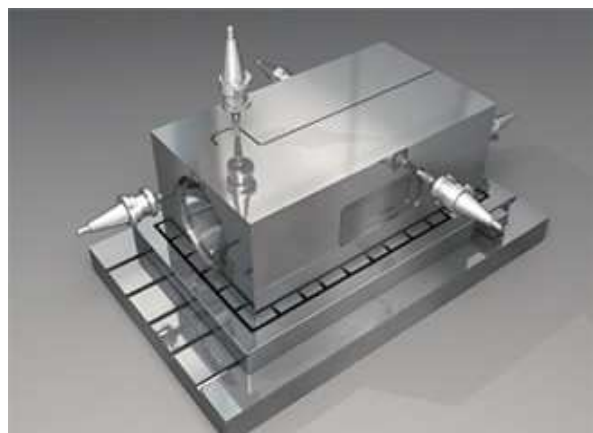
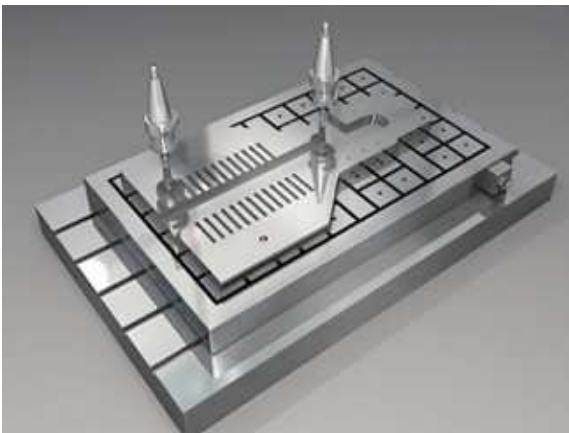
- Once clamping is available to process five sides, workpieces are allowed to be larger than the working platform.
- Save 50%-90% piece handing time, improve the working efficiency of labour and machine tool, lower labour work intensity. Not required to change machine tool or production line, as the workpiece is stressed evenly, workpiece won't transform, no shaking in process. Extend working life of cutting tools.
- The magnetic chuck is applicable to clamp various components under heavy or high-speed milling in horizontal and vertical type, is also applicable to curving, irregular, difficult clamping, batch and particular workpieces. It is applicable to rough and finish machining.
- Constant clamping force, not require electricity when it is in clamp status, no radiation of magnetic line, no heating phenomenon.



FEATURES

- Electro permanent magnetic milling chuck is applicable to various high precision CNC, CNC milling machine and etc
- Clamp various kinds of workpieces

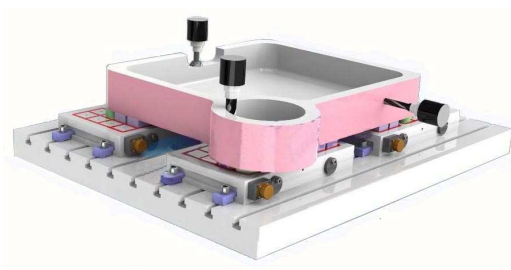
- Distinctive magnetic circuit, reasonable parameters, attraction evenly.
- Strip, block and Deformed pole
- Electro permanent magnetic milling chuck is milled integrally, powerful rigidity, no thermal deformation, high precision.
- Easy to operate, won't lose excitation after power cut, safe and reliable
- Based on customers' requirement, make various magnetic chuck products of special performance and dimension.



APPLICABLE FIELDS

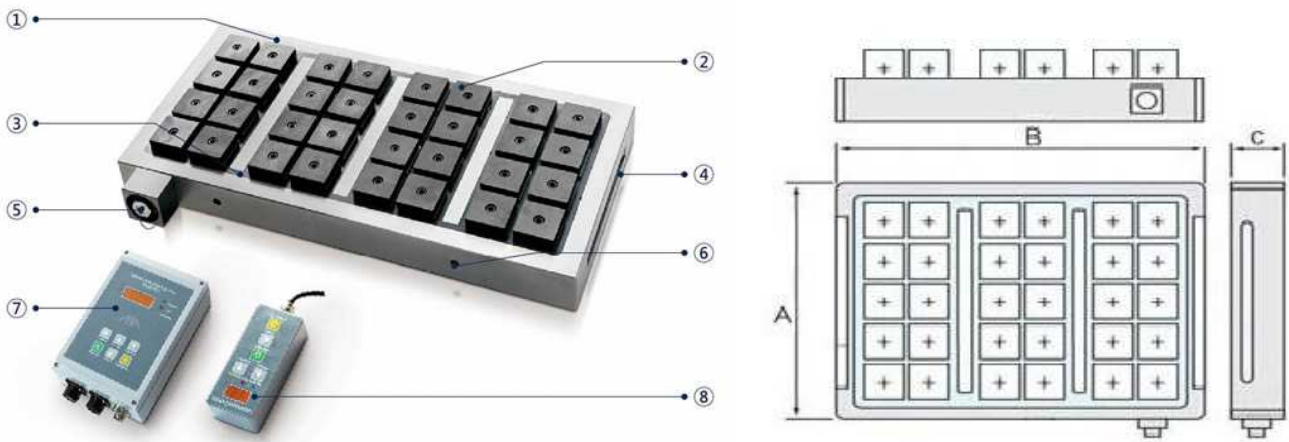
Mechanical processing, mold processing, plastic processing, automobile manufacturing, shipbuilding, etc

Applicable machine tools: CNC, injection molding machine, moulding machine, vertical lathe, surface grinder, milling machine, radial drilling machine, carved machine, and various of machine tools.



Applicable processing mode: End side milling, drilling, round rod end milling, slotting, the combined parts milling, plane machining, hole processing, lumen, boring, three contour machining, mold processing, Angle of the milling and chamfering, horizontal milling, irregular workpiece machining, welding and so on.

MODELS AND SPECIFICATION



- 1 Chuck Body 2 Padding Block 3 Epoxy Resin Insulation 4 Groove For Clamping
 5 Controller Connection 6 Lifting Ring Fixed Hole 7 Controller 8 Remote Controller (Optional)

Model.	Overall Dimension (mm)			Weight (kg)	Pole Number	Square Pole Size
	A	B	C			
DYZ50-2540	240	430		58	18	50 x 50 mm
DYZ50-2560	240	590		79	24	
DYZ50-2580	240	810		101	33	
DYZ50-25100	240	990		120	42	
DYZ50-3030	300	310		48	16	
DYZ50-2590	240	870		106	36	
DYZ50-3050	300	500		73	24	
DYZ50-3060	300	590		102	32	
DYZ50-3080	300	810		126	44	
DYZ50-30100	300	990		150	56	
DYZ50-4050	420	480	68	102	36	
DYZ50-4060	420	590		142	48	
DYZ50-4080	420	810		176	66	
DYZ50-40100	420	990		210	84	
DYZ50-5090	480	870		212	84	
DYZ50-5060	480	590		144	56	
DYZ50-5080	480	810		202	77	
DYZ50-50100	480	990		240	98	
DYZ50-6060	600	600		180	64	
DYZ50-6080	600	810		252	99	
DYZ50-60100	600	990		300	126	



DYZ70-3040	300	420		64	12	
DYZ70-3060	300	610		93	18	
DYZ70-3080	300	800		122	24	
DYZ70-4040	380	420		81	16	
DYZ70-4060	380	610		118	24	
DYZ70-4080	380	800		155	32	
DYZ70-5060	540	610		168	36	70 x 70 mm
DYZ70-5080	540	800	69	220	48	
DYZ70-50100	540	990		272	60	
DYZ70-6060	620	610		193	42	
DYZ70-6080	620	800		253	56	
DYZ70-60100	620	990		313	70	



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Technical Changes

The data and illustrations in this catalogue are not binding and only provide an approximate description. We reserve the right to make changes to the product delivered compared with the data and illustrations in this catalogue, e.g. in respect of technical data, design, fittings, material and external appearance.

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