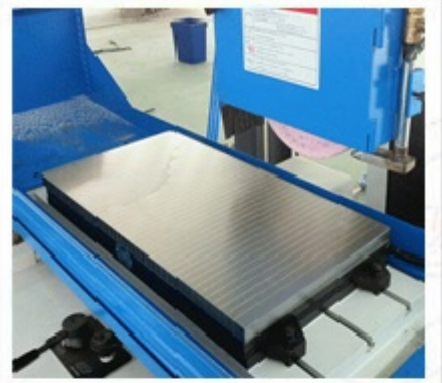


## Electromagnetic Surface Grinding Chuck

Electromagnetic chuck always supports the use of various grinding machine and facing machine. Its holding force is powerful, safe and reliable for using, and very convenient to position magnetic workpieces which are not suitable to clamp by machinery. The electromagnetic chuck connects with direct current supply. The material of the magnetic isolation is brass, The magnetic force can reach to 120N/CM<sup>2</sup>. The electromagnetic chuck is used in workpieces which require to be processed by strong attraction facing machine. It is most effective to heavy cut of forming machine, facing machine, facing type milling machine. The series of the electromagnetic chuck is the perfect choice for improving production efficiency and reducing working intensity of labors.

Weike also produce the rotary type electromagnetic chuck, used in grinding angular workpiece. electronic control, convenient to clamp. There is dividing ruler in rotary axle, available to adjust front and back machining angle, the adjusted angle range is  $\pm 45^\circ$ . the chuck and rotary axle are molded integrally, make sure the enough rigidity.



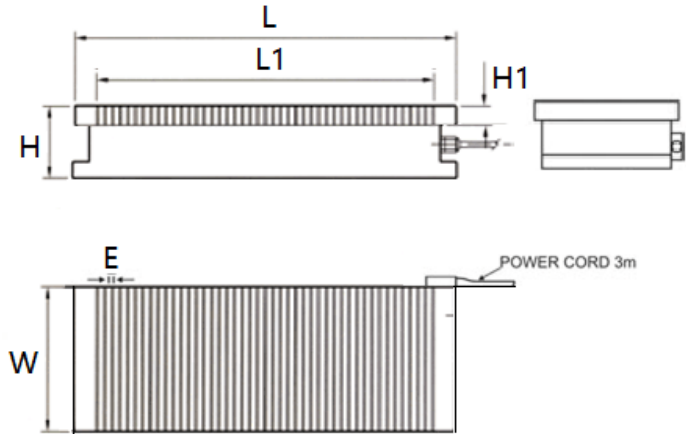
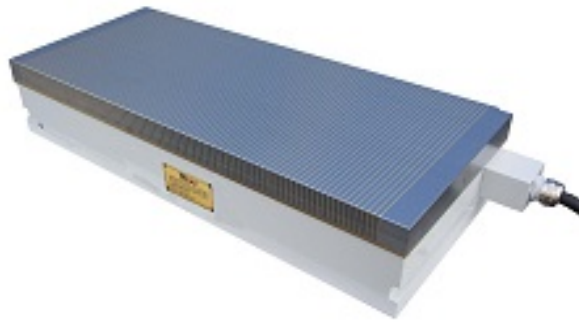
### FEATURES

- 1 Powerful holding over entire electromagnetic chuck surface
- 2 Fine pole divisions - for more uniform magnetic holding of small parts
- 3 Low height of the magnetic chuck for increasing clearance of larger workpieces, and makes it light and much grinding space.
- 4 Supplied with (2) hold down clamps
- 5 Special flatness and parallelism tolerances are available on request.
- 6 Good stabilization, powerful attraction and few remanence.
- 7 Few mechanical and thermal deformation.



8 3 options of pole pitch 3+16mm (3+5+0.5+5+0.5+5) 0.5+1.5mm and 1+3mm, also supply 3+6mm if requires.

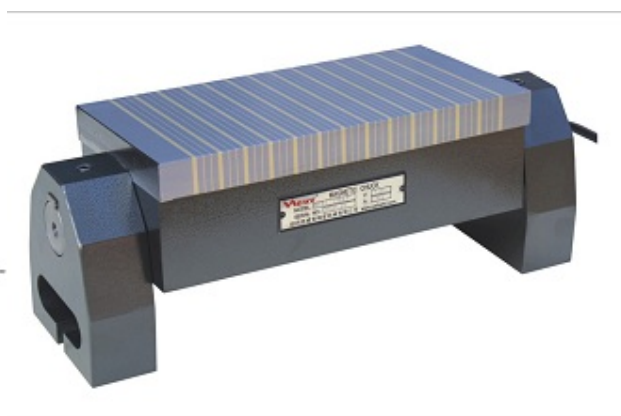
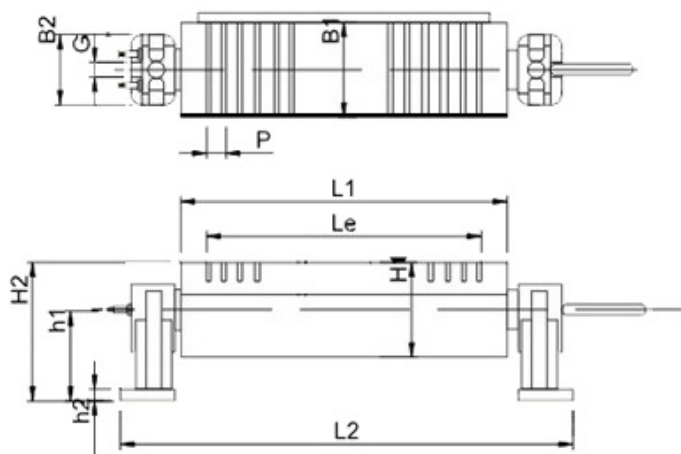
## RECTANGULAR TABLE PLATE



Model	Sizes mm					Pole Pitch(mm) E	Voltage	Current	NW(kg)
	W	L	L1	H	H1				
<b>EMA1540</b>	150	400	380	85	20	3+16	DC110V	0.55A	40
<b>EMA2045</b>	200	450	410	85	20	3+16	DC110V	0.62A	48
<b>EMA2550</b>	250	500	460	85	20	3+16	DC110V	1.30A	66
<b>EMA3060</b>	300	600	560	85	20	3+16	DC110V	1.20A	95
<b>EMA4080</b>	400	800	760	85	20	3+16	DC110V	1.66A	170
<b>EMA40100</b>	400	1000	960	85	20	3+16	DC110V	2.00A	212
<b>EMA50100</b>	500	1000	960	85	20	3+16	DC110V	2.50A	265
<b>EMA50120</b>	500	1200	1160	85	20	3+16	DC110V	4.02A	342
<b>EMA60100</b>	600	1000	960	85	20	3+16	DC110V	3.40A	398
<b>EMA60150</b>	600	1500	1460	85	20	3+16	DC110V	4.40A	477
<b>EMA70150</b>	700	1500	1460	85	20	3+16	DC110V	5.63A	621
<b>EMB1525</b>	150	250	200	100	22	1+3	DC110V	0.55A	15
<b>EMB1545</b>	150	450	400	100	22	1+3	DC110V	0.74A	33
<b>EMB2050</b>	200	500	450	100	22	1+3	DC110V	1.30A	51
<b>EMB2550</b>	250	500	450	100	22	1+3	DC110V	1.70A	64
<b>EMB3060</b>	300	600	550	100	22	1+3	DC110V	1.60A	95
<b>EMB4080</b>	400	800	750	100	22	1+3	DC110V	2.03A	170
<b>EME1540</b>	150	500	450	100	22	0.5+1.5	DC110V	0.90A	33
<b>EME2045</b>	200	450	405	100	22	0.5+1.5	DC110V	1.10A	46
<b>EME2035</b>	200	350	300	100	22	0.5+1.5	DC110V	1.00A	40

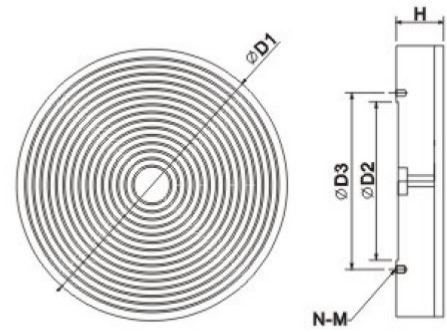
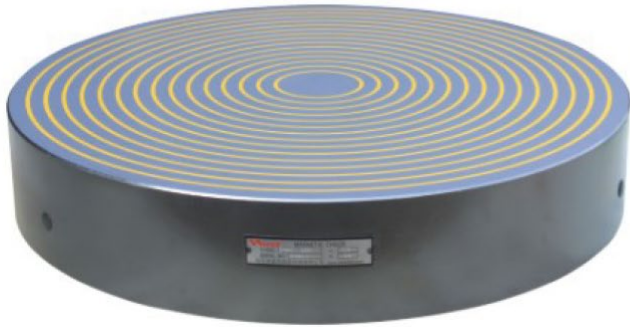
<b>EME3060</b>	300	600	550	100	22	0.5+1.5	DC110V	1.20A	95
<b>EME4080</b>	400	800	750	100	22	0.5+1.5	DC110V	2.04A	170
<b>EME50100</b>	500	1000	950	100	22	0.5+1.5	DC110V	2.80A	265

## ROTARY PLATE



Model	Sizes mm										Curr -ent A	NW kg	Pole Pitch mm	Volt- age V
	B1	L1	Le	H1	B2	G	h1	h2	L2	H2				
<b>EMC 1025</b>	100	250	211	98	120	40	98	18	368	159	0.10	21	110V DC	
<b>EMC 1230</b>	120	300	240	98	120	40	98	18	418	159	0.19	29		
<b>EMC 1225</b>	125	250	211	98	120	40	98	18	368	159	0.18	25		
<b>EMC 1530</b>	150	300	240	98	120	40	98	18	418	159	0.14	37		
<b>EMC 1535</b>	150	350	296	98	120	40	98	18	468	159	0.15	41		
<b>EMC 1545</b>	150	450	408	98	120	40	98	18	568	159	0.20	51		
<b>EMC 2050</b>	200	500	452	98	120	45	128	20	618	185	0.34	76		
<b>EMC 2060</b>	200	600	560	98	120	45	128	20	718	185	0.45	89		
<b>EMD 1530</b>	150	300	240	98	120	40	98	18	418	159	0.14	37	4(1+3)	
<b>EMD 1545</b>	150	450	408	98	120	40	98	18	568	159	0.20	51		
<b>EMD 2060</b>	200	600	560	98	120	45	128	20	718	185	0.45	89		

## ROUND PLATE



Model	Sizes mm						NW kg	Pole Pitch mm	Voltage V
	D1	H	D2	D3	N	M			
EMF 300	300	90	160	190	4	12	42	4+13	110V DC
EMF 400	400	105	210	250	6	12	92		
EMF 500	500	105	280	320	6	12	144		
EMF 600	600	105	310	390	6	12	208		
EMF 800	800	105	450	500	6	16	369		
EMF 1000	1000	105	550	620	8	16	577		

## CONTROLLER



CC5B/10B



CC20B

Our company has successfully developed electromagnetic chuck controller, there are 3 models, CC5B, CC10B and CC20B. 5B is suitable for 10A or less, 10B is suitable for 10-20A, 20B is the option for more than 20A. input voltage can be 220V or 380VAC, output voltage is 110V DC. Traditional grinder can use our controller to replace or upgrade old electromagnetic chuck quickly.





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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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