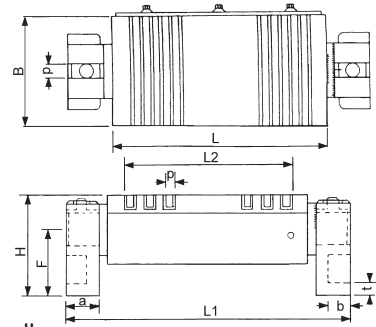




# Rotary Permanent Magnetic Plate



650 GAUSS



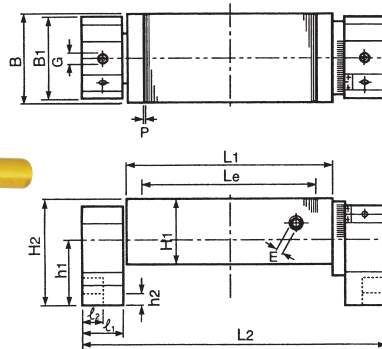
- Can grind the (0°-90°) angle work-piece, could be easily set by graduated collar.

Unit:mm

ORDER NO.	SIZE	OPERATION PLANE			POLE PITCH	ROTARY SEAT PLANE						HEIGHT	WEIGHT	CODE NO.	
		B	L	L2		P	a	b	t	F	L1				d
VLU-510B	125x250	125	250	191	8(2+6)	50	35	17	96	380	16	150	33.2	2015-080	
VLU-612B	150x300	150	300	245						430				44.5	2015-081
VLU-618B	150x450	150	450	414						565				-	43



# Rotary Fine Pole Permanent Magnetic Plate



## APPLICATION

550 GAUSS

Suitable for (0°-90°) angle grinding on grinder.

## FEATURES

- Rotary shaft with graduation makes it easy to grind at any angle.
- Integrated molding of machine body and rotary spindle.
- Unchanged surface accuracy during ON/OFF change over.
- Design for distance between both magnets enables machining of various unconfirm in thickness & sizes.

Unit:mm

ORDER NO.	Nominal Dimension	Chuck Dimension				POLE PITCH	Length	Rotary Base						HEIGHT	WEIGHT (kgs)	CODE NO.
		B	L1	L2	H1			P	L2	B	∅1	∅2	G			
VLU-407BF	100X175	100	175	125	78	2.5 (1+1.5)	293	100	50	25	16	103	50	145	19	2015-090
VLU-510BF	125X250	125	250	200			368								2015-091	
VLU-612BF	150X300	150	300	246			418								31	2015-092
VLU-614BF	150X350		350	296			468								37	2015-093
VLU-618BF	150X450		450	396			568								43	2015-094



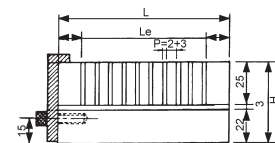
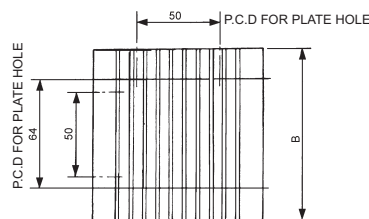
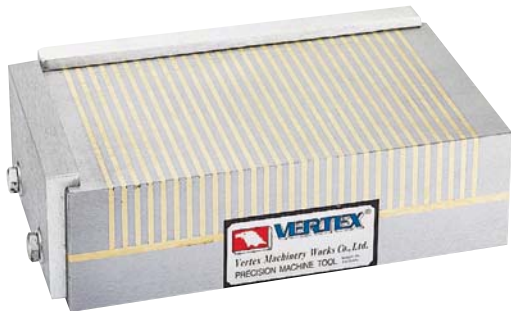
# Hi-Power Mini Type Permanent Magnetic Plate

2200 Gauss

FOR CARBIDE MATERIAL ONLY  
CAN NOT FOR ALL STEEL

## APPLICATION

This chuck is designed for objects with weaker magnetic force. This chuck can be placed in the plate of large permanent magnetic chuck or electro-magnetic chuck for attraction or attachment.



NO ON/OFF SWITCH

Unit:mm

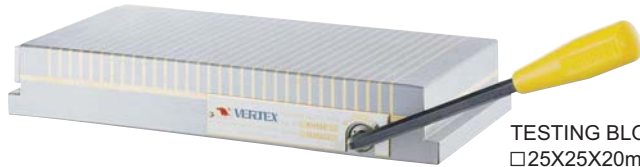
ORDER NO.	DIMENSION	CHUCKING SIZE			POLE PITCH	HEIGHT	TESTING BLOCK	WEIGHT (kgs)	CODE NO.
		B	L	Le					
VG-404H	100X100	100	100	72	5(2+3)	50	□ 50x25t TEST BLOCK(TUNGSTEN) 210N(21kgf)	4	2015-100
VG-407H	100X180	100	180	152	5(2+3)	50		7	2015-101
VG-410H	100X250	100	250	222	5(2+3)	50		10	2015-102

# Angular Permanent Magnetic Plate VERTEX®

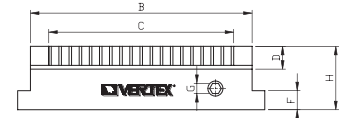
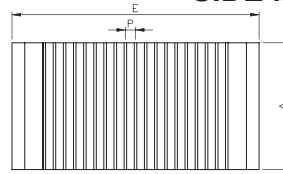
650 GAUSS

SIDE MAGNETIC FORCE 18KGF

PLATE CENTER 26 KGF



TESTING BLOCK  
□25X25X20mm  
BLOCK (TUNGSTEN)



(2+6)  
Suit for work piece thickness  $\geq 3\text{mm}$  length  $\geq 25\text{mm}$   
Mag. force : 650 GS

- Permanent magnetic for ce.
- Well operation, specially treated, nondeformation and high precision.

Good for workpiece bigger in length & width

Unit:mm

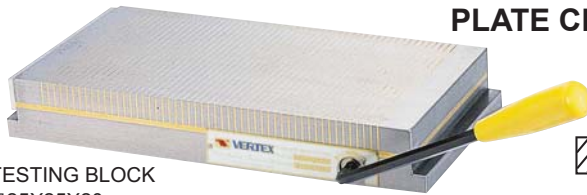
ORDER NO.	SIZE	CHUCKING SIZE				POLE PITCH	CHUCK MOUNTING FACE				SWITCH TYPE	HEIGHT H	WEIGHT KGS	CODE NO.
		A	B	C	D		P	G	E	F				
VG-407	100x175	100	175	146	20	8(2+6)	8	15	LIVING HEXAGON SOCKET SCREW KEYS	50	7.2	2015-110		
VG-510	125x250	125	250	206							187	2015-111		
VG-612	150x300	150	300	256							262	2015-112		
VG-614	150x350		350	306							318	2015-113		
VG-618	150x450	450	406	468							2015-114			
VG-816	200x400	200	400	365							418	2015-115		
VG-818	200x450		450	406							468	2015-116		
VG-820	200x500		500	456							518	2015-117		
VG-824	200x600		600	556							620	2015-118		
VG-1020	250x500	250	500	456							518	2015-119		
VG-606	150x150	150	150	116							162	9	2015-121	
VG-1224	300x600	300	600	550	18	620	48	73.5	2015-122					

## Middle Pitch Permanent Magnetic Chuck

600 GAUSS

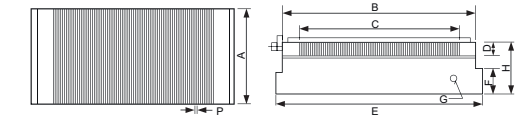
SIDE MAGNETIC FORCE 19KGF

PLATE CENTER 28 KGF



TESTING BLOCK  
□25X25X20mm  
BLOCK (TUNGSTEN)

(2+6)  
Suit for work piece thickness  $\geq 3\text{mm}$  length  $\geq 25\text{mm}$   
Mag. force : 600 GS



Good for workpiece bigger in length & width

### APPLICATION

New type of thick chuck, in 50mm thickness, for grinding and electrodischarging works, for thin plate or small works, in wide range of applications, it features a wide effective magnetic area on the chucking face.

### FEATURES

- Thin and light to meet versatile applications.
- Fine-pitched magnetic poles, on this model, make it ideally suitable for small and thin works.
- Hexagonal wrench key is used for the magnetic ON/OFF change over handle it is inserted through the side easily removed and operates quite lightly.
- The chuck surface has a wider effective magnetic area than other chucks of similar type.



Unit:mm

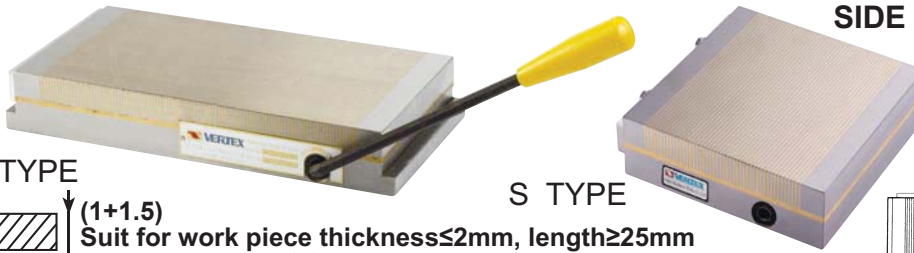
ORDER NO.	DIMENSION	CHUCKING SIZE				POLE PITCH	CHUCK MOUNTING FACE			HEIGHT H	HEXAGONAL HANDLE HOLE	WEIGHT KGS	CODE NO.
		A	B	C	D		A	E	F				
VGF-1018B	100X175	100	175	146	18	5(1+4)	100	195	15	50	8	7.7	2015-160
VGF-1515B	150X150	150	150	116	18	5(1+4)	150	175	15	50	8	10	2015-161
VGF-1530B	150X300	150	300	256	18	5(1+4)	150	320	15	50	8	18.8	2015-162
VGF-1535B	150X350	150	350	306	18	5(1+4)	150	370	15	50	8	21.6	2015-163
VGF-1540B	150X400	150	400	356	18	5(1+4)	150	420	15	50	8	25	2015-164A
VGF-1545B	150X450	150	450	406	18	5(1+4)	150	470	15	50	8	27.4	2015-164
VGF-2040B	200X400	200	400	356	18	5(1+4)	200	420	15	50	8	32.3	2015-165
VGF-2045B	200X450	200	450	406	18	5(1+4)	200	470	15	50	8	36.3	2015-166
VGF-1018BS	100X175	100	175	146	18	5(1+4)	100	175	15	50	8	8	2015-167
VGF-1515BS	150X150	150	150	121	18	5(1+4)	150	150	15	50	8	9	2015-168
VGF-1530BS	150X300	150	300	256	18	5(1+4)	150	300	15	50	8	20	2015-169



# Fine Pole Magnetic Plate



**SIDE MAGNETIC FORCE 21KGF  
PLATE CENTER 30 KGF  
550 GAUSS**

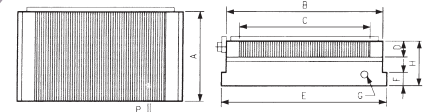


**A TYPE**



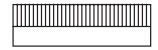
(1+1.5)  
Suit for work piece thickness  $\leq 2\text{mm}$ , length  $\geq 25\text{mm}$   
Mag. force : 550 GS.

**S TYPE**



**A TYPE**

**S TYPE**



Good for workpiece smaller in length & width

## FEATURES

Thin and light weight to meet versatile applications.

Fine-pitched magnetic poles on this micropitch model. Make it ideally suitable for small and thin works.

Hexagonal wrench key is used for the magnetic ON/OFF change over handle. It is inserted through the side, easily removed and operates lightly.

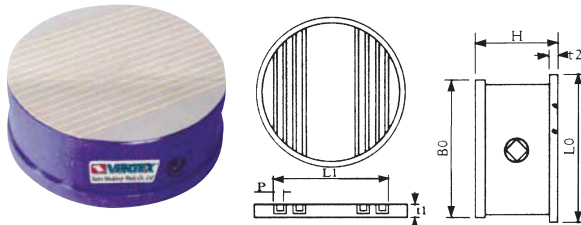
The chuck surface has a wider effective magnetic area than other chuck of similar type.

Unit:mm

ORDER NO.	SIZE	CHUCKING SIZE				POLE PITCH P	CHUCK MOUNTING FACE			HEIGHT H	WEIGHT KGS	CODE NO.	
		A	B	C	D		A	E	F				
VRTW-1018A	100X175	100	175	146	18	2.5 (1+1.5)	100	195	15	50	7.7	2015-130	
VRTW-1515A	150X150	150	150	116			150	170	15		9.8	2015-131	
VRTW-1530A	150X300	150	300	256			150	320	15		18.7	2015-132	
VRTW-1535A	150X350	150	350	306			150	370	15		21.4	2015-133	
VRTW-1540A	150X400	150	400	356			150	420	15		23.7	2015-134	
VRTW-1545A	150X450	150	450	406			150	470	15		27.4	2015-135	
VRTW-2040A	200X400	200	400	356			200	420	15		32.5	2015-137	
VRTW-2045A	200X450	200	450	406			200	470	15		36.4	2015-138	
VRTW-1224A	300X600	306	600	556			300	620	15		73	2015-138A	
VRTW-1018S	100X175	100	175	146			100	175	-		8	2015-139	
VRTW-1515S	150X150	150	150	121			150	150	-		9	2015-140	
VRTW-1530S	150X300	150	300	256			150	300	-		20	2015-141	
VRTW-1325S	125X250	125	250	206			20	125	250		15	13.1	2015-142



# Round Type Magnetic Plate



**ORDER NO.VGD TYPE**

**Magnetic field intensity:  
Higher than 450 gauss**

## APPLICATION

Suitable for light cutting and grinding on lathe, grinder, EDM and the Rotary Table.

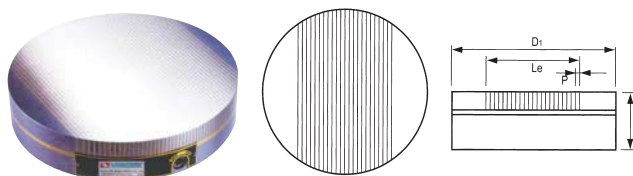
Unit:mm

ORDER NO.	FACE PLATE			BOTTOM PLATE		POLE PITCH P	HEIGHT H	WEIGHT KGS	CODE NO.
	B0	t1	L1	t2	L0				
VGD-06	150	21	101	18	200	9 (2+7)	78	9.8	2015-150
VGD-08	200		137		200			12.8	2015-151
VGD-10	250		191		250			20.2	2015-152
VGD-12	300		227		305			30.4	2015-153



# Fine Pole Round Type Magnetic Plate

**PLATE SIDE 21KGF  
PLATE CENTER 30 KGF**



**550 GAUSS**

## APPLICATION

New type of thin chuck, in 50mm thickness, for grinding and electro-discharging works, for thin plate or small works, in wide range of applications, it features a wide effective magnetic area on the face plate (chucking face).

Unit:mm

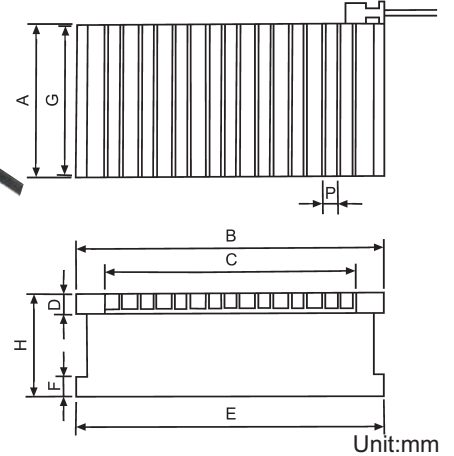
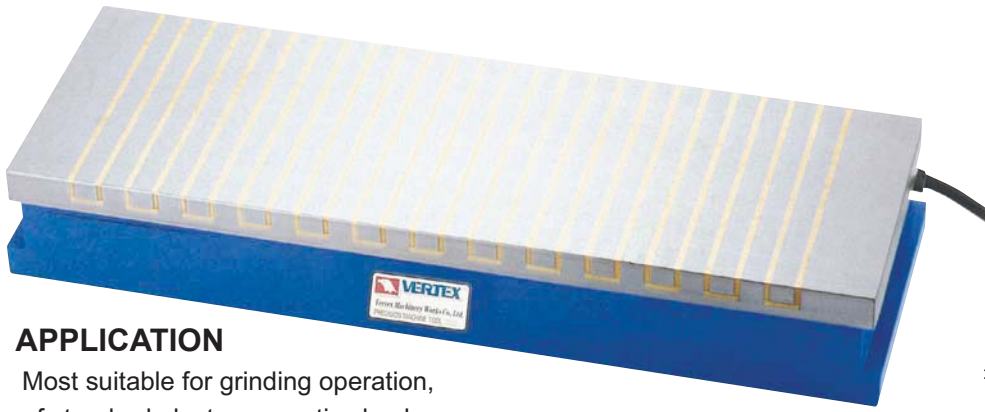
ORDER NO.	DIAMETER	TOP PLATE		POLE PITCH P	HEIGHT H	WEIGHT KGS	CODE NO.
		D1	Le				
VGDW-6	160mm	160	115	2.5 (1+1.5)	50	8	2015-154
VGDW-8	200mm	200	155	2.5 (1+1.5)	50	13	2015-155
VGDW-10	250mm	250	205	2.5 (1+1.5)	50	21	2015-156
VGDW-12	300mm	300	255	2.5 (1+1.5)	50	33.5	2015-157



# Standard Pole Electro Magnetic Chuck



450 GAUSS



## APPLICATION

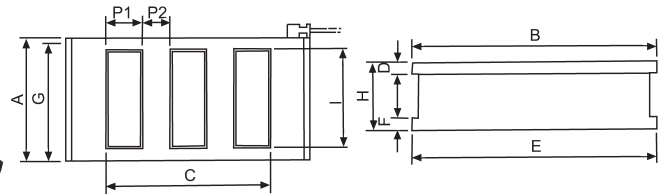
Most suitable for grinding operation, of standard electromagnetic chuck.

ORDER NO.	DIMENSION	CHUCKING SIZE				POLE PITCH	CHUCK MOUNTING FACE				VOLTAGE	CURRENT	WEIGHT (kg)	CODE NO.
		A	B	C	D		P	G	E	F				
VEM-1530A	150x300	150	300	228	20	15(3+12)	144	316	20	70	DC-90V	0.15A	21	2015-221
VEM-1535A	150x350	150	350	288	20	15(3+12)	144	366	20	70	DC-90V	0.18A	25	2015-222
VEM-1545A	150x450	150	450	378	20	15(3+12)	144	466	20	70	DC-90V	0.24A	32	2015-223
VEM-2040A	200x400	200	400	348	20	15(3+12)	194	416	20	70	DC-90V	0.47A	38	2015-224
VEM-2045A	200x450	200	450	378	20	15(3+12)	194	466	20	70	DC-90V	0.35A	43	2015-225
VEM-2550A	250x500	250	500	438	20	15(3+12)	240	500	20	70	DC-90V	0.73A	67	2015-226
VEM-3060A	300x600	300	600	529	20	15(3+12)	290	600	20	70	DC-90V	0.97A	97	2015-227
VEM-4080A	400x800	400	800	725	25	19(3+16)	390	800	20	80	DC-90V	1.56A	182	2015-228
VEM-40100A	400x1000	400	1000	936	25	19(3+16)	390	1000	20	80	DC-90V	1.60A	228	2015-229
VEM-50100A	500x1000	500	1000	936	25	19(3+16)	490	1000	20	80	DC-90V	1.72A	285	2015-230



# Super-Powerful Electric Magnetic Chuck

MILLING M / C TYPE  
1200 GAUSS



## APPLICATION

Most efficient for heavy cutting with milling machine, shaper, planer and planomiller. It displays the power for the thick work and the high speed cutting operation.

Unit:mm

ORDER NO.	DIMENSION	CHUCKING SIZE					POLE PITCH		CHUCK MOUNTING FACE				VOLTAGE	CURRENT	WEIGHT N.W. (kg)	CODE NO.
		A	B	C	D	I	P1	P2	G	E	F	H				
VEM-2040Z	200x400	200	400	332	20	160	40	35	194	400	20	110	DC-90V	0.71	54	2015-251
VEM-2050Z	200x500	200	500	422	20	160	48	34	194	500	20	110	DC-90V	0.91	75	2015-252
VEM-2060Z	200x600	200	600	520	20	160	48	30	194	600	20	110	DC-90V	1.00	80	2015-253
VEM-2550Z	250x500	250	500	422	20	200	42	34	240	500	20	120	DC-90V	1.16	90	2015-254
VEM-3060Z	300x600	300	600	520	20	240	48	30	290	600	20	120	DC-90V	1.63	130	2015-255
VEM-4080Z	400x800	400	800	718	25	340	48	30	390	800	20	120	DC-90V	2.53	230	2015-256
VEM-40100Z	400x1000	400	1000	917	25	340	45	35	390	1000	20	120	DC-90V	2.96	288	2015-257
VEM-50100Z	500x1000	500	1000	917	25	430	45	35	490	1000	20	120	DC-90V	3.96	360	2015-258
VEM-60100Z	600x1000	600	1000	917	25	530	45	35	590	1000	20	120	DC-90V	5.30	432	2015-259

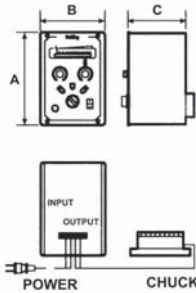


# MAGNETIC CHUCK CURRENT ADJUSTER VERTEX®

## (For Rectify & Demagnetize)

ORDER NO. VCC-705(5A)

For VGI-618~2048 / VLZ-510~612 / VIW-612~1224 / VEM-1530A~50100A

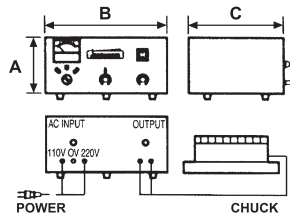


### FEATURES

- Suitable for standard type of electric magnetic chucks.
- With current capacity of 5A; demagnetizing time is 6-15 seconds.
- Precisely adjust the magnetic force of electric magnetic chucks and indicate LED voltage.
- Suitable for any kind of electric magnetic chucks.

ORDER NO. VCC-805A (10A) FOR VGI-2060 / VEA-816~1640 / VEM-2040Z~40100Z

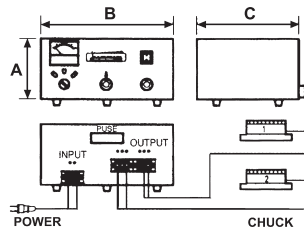
VCC-815 (15A) FOR VEA-2040~VEA2460 / VLZ-2060 / VEM-50100A / VEM-50100Z



### FEATURES

- Suitable for standard type of electric magnetic chucks.
- With current capacity of 10A and 15A; demagnetizing time is 6-15 seconds.
- Precisely adjust the magnetic force of electric magnetic chucks and indicate LED voltage and current.
- Suitable for any kind of electric magnetic chucks.

ORDER NO. VCC-820 (20A) FOR VEA-2460~ / VEM-60100Z



### FEATURES

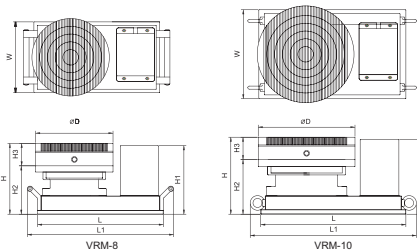
- Suitable for super powerful type of big electric magnetic chucks and could control 2 chucks at the same time.
- With current capacity of 20A; demagnetizing time is 8-15 seconds.
- Precisely adjust the magnetic force of electric magnetic chucks and indicate LED voltage and current.
- Built-in fan for radiating heat.
- Suitable for any kind of electric magnetic chucks.

Unit:mm

ORDER NO.	INPUT VOLTAGE (SINGLE PHASE)	OUTPUT		DIMENSION			NET WEIGHT (KGS)	CODE NO.
		VOLTAGE	CURRENT	A	B	C		
VCC-705	AC 110V/220V	DC 0-100V	5A	200	137	122	3.5	2015-380
VCC-805A	AC 110/220/380/415/440V	DC 0-100V	10A	150	330	260	18	2015-381
VCC-815	AC 220/380/415/440V	DC 0-120V	15A	150	330	260	20	2015-382
VCC-820	AC 220/380/415/440V	DC 0-120V	20A	180	385	295	32	2015-383



## Variable Speed Rotary Magnetic Chuck



### FEATURES

- This rotary magnetic chuck with the motor. The rotary speed can adjustable.
- It's easy and simple for set up on the surface grinding machine. It's for rotary grinding.
- The precision is within 0.002 mm. High precision, High efficient.
- It provides well prevention for dust, coolant, and lubricants. Spindle end be applied accuracy bearing, can be assured to keep very steady under load grinding.



ORDER NO.	L	L1	W	H	H1	H2	H3	ØD	VOLT	G.W.	CODE NO.
VRM-8	325	370	176	180	177	122	58	200	220V	60kg	8001-047
VRM-10	376	422	218	190	183	132	58	250	220V	80kg	8001-048

CHUCK CONTROLLER