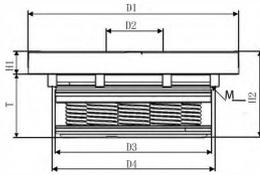


零点定位 Zero position



Installation type with built-in angle orientation

- Air pressure unlock
- Air pressure automatically removing the chip
- Unlocking pressure:
Q5 min. 6bar to max. 12bar;
Q10 min. 5.5bar to max. 12bar;
Q20 min. 4.5bar to max. 12bar
- Material: Hardened Stainless Steel
- Surface and piston hardening treatment
- Repeated positioning accuracy 0.005mm



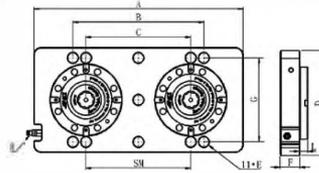
Model	Unlocking mode	Clamping force (KN)	Tension (KN)	Blowing dust	D1	D2	D3	D4	H	M	T	Weight (kg)	
LQNC-5	AIR	5	13	✓	78	18	58	65	8.5	30	8xM4	21.5	0.5
LQNC-10	AIR	10	25	✓	112	22	78	88	10	35	6xM6	25	1.4
LQNC-20	AIR	17	55	✓	138	32	102	115	15	49	8xM6	34	2.6

零点定位(两工)

Zero position (Two-station)



- Air pressure/hydraulic unlocking;
- Air pressure automatically removing the chip;
- Material: Die steel (#);
- Surface and piston hardening treatment;
- Repeated positioning accuracy < 0.005mm;



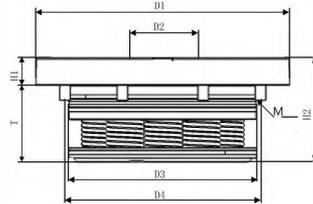
Model	Unlocking mode	Clamping force (KN)	Tension (KN)	Blowing dust	A	D	E	G	ΦE	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Weight (kg)		
Q2GWB-5	AIR	2x5	2x15	✓	198	150	100	98	11.5	25	85	8.5	100	G1/8	3.8																		3.8
Q2GWB-10	AIR	2x10	2x25	✓	366	250	200	166	20	28	138	10	200	G1/8	12.6																		12.6
Q2GWB-20	AIR	2x17	2x55	✓	398	250	200	198	20	38	164	15	200	G1/8	22.7																		22.7

零点定位(四工位)

Zero position (Four-station)



- Air pressure unlock
- Air pressure automatically removing the chip
- Unlocking pressure:
Q5 min. 6bar to max. 12bar;
Q10 min. 5.5bar to max. 12bar;
Q20 min. 4.5bar to max. 12bar
- Material: Hardened Stainless Steel
- Surface and piston hardening treatment
- Repeated positioning accuracy < 0.005mm



four-station foundation plate

Model	UNLOCK MODE	KN	KN	BLOWING	D1	D1	D1	D1	D1	H2	M	T	Weight (kg)
LQNC-5	AIR PRESSURE	5	13	✓	78	18	58	65	8.5	30	8xM4	21.5	0.5
LQNC-10	AIR PRESSURE	10	25	✓	112	22	78	88	10	35	6xM6	25	1.4
LQNC-20	AIR PRESSURE	17	55	✓	138	32	102	115	15	49	8xM6	34	2.6

MRCM 美日®

MEIRI CHINA MACHINE

CNC TOOL GRINDER/RE-SHARPENER/GEAR GRINDER/CUTTER GRINDER/
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Re-sharpener/Chamfer/Tool grinder/tapping machine/Machine tool accessories

MEIRI CHINA MACHINE

About us

ZHEJIANG MEIRI INTELLIGENT MACHINERY CO., LTD, a manufacturer specialized in developing & producing small special-purpose tool grinders, precision machinery tools. We have participated in more than 900 professional exhibitions. Our products have been applied for 70 national patents, gained CE certification, sold to Germany, Japan, USA, Southeast Asia, Taiwan and many other areas.

Main products include: CNC tool grinder, drill bit re-sharpener, end mill re-sharpener, screw tap re-sharpener, lathe tool grinder, saw blade sharpener, universal cutter grinder, universal tool grinder, chamfer, tapping machine, vise, magnetic drill machine, sucker, permanent lifting, and so on.

From research, development, management to sales, We implement the ISO 9001 quality control system strictly, continuously inventing, improving our management and economic performance, providing professional and high quality products to satisfy and serve our global customers' needs. We also win the honors of zhejiang science and technology innovation demonstration enterprises, science and technology innovation of enterprise and other honors.

The good day starts from MEIRI, we warmly welcome friends that both domestic and overseas to patronize!



Enterprise Glory



Factory building



Showroom



Warehouse



Assembly workshop



MEIRI CHINA MACHINE



13D



13A



MR-13A



20G



MR-13B



G3/26D



26A



MR-26A



MR-26D



6A



13X



MR-13X

MR-13D 钻头研磨机 DRILL BIT RE-SHARPENER

13D can grind the drill's front cutting lip. It can grind the drill's point angle, lip relief angle, and front cutting lip, the centre spot can be adjusted at random. Instead of centerdrill, it is accurate, escape of chips easily, drilling with a light heart.

Model	13A/D
Grinding Range	Φ3 - Φ13(Φ15)
Point angle	95° -135°
Motor	220V/120W/50Hz
Speed	4400rpm
Dimesion	32×18×19cm
Weight	9kg

Standard equipment: 13# eleven collets;
Standard grinding wheel: CBN wheel (for HSS).

MR-20G 钻头研磨机 DRILL BIT RE-SHARPENER

Portable drill grinder. It is accurate and with long service life. 20G drill bit sharpener can grind the drill's point angle, lip relief angle, point thinning. It can control the quality precision and prolong the service life of the drill bit

Model	13B	20G
Grinding Range	Φ3-Φ13	Φ3 - Φ20
Point angle	95° -135°	95° -140°
Motor	220V/120W 50Hz	220V/120W/50Hz
Speed	4400rpm	4400rpm
Dimesion	32×18×19cm	33×18×20cm
Weight	9kg	10kg

Standard equipment: 13# eleven collets; 20G#eighteen collets.
Standard grinding wheel: CBN wheel (for HSS).

MR-G3 复合钻头研磨机 DRILL BIT RE-SHARPENER

G3 Complex drill grinder can grind the twist drill from 3 to 32. G3/26D can grind the drill's front cutting lip. It can grind the drill's point angle, lip relief angle

Model	26A/D	G3
Grinding Range	(Φ8)Φ13-Φ26(Φ32)	Φ3 - Φ26(Φ32)
Point angle	95° -135°	90° -135°
Power	220V/50HZ/250W	220V/50HZ/250W
Speed	4400RPM	4400RPM
Dimesion	46×24×22cm	40×26×30cm
Weight	29kg	36kg

Standard equipment: 26# fourteen collets; G3# twenty-four collets.
Standard grinding wheel: CBN wheel (for HSS).

MR-6A 小钻头研磨机 SMALL DRILL BIT RE-SHARPENER

The MR-6A can sharpen twist drill from Φ0.8 to Φ6.

13X can sharpen the drill's point angle, lip relief angle, adjust the center point size of lip relief angle. It is more accurate to instead of center drill, and the accuracy can be controlled in 0.04mm.

Model	13X	6A
Range	Φ2-Φ6	(Φ0.8)Φ1-Φ6
Point angle	100° (95°)~135°	90° -150°
Power	120W	250W
Speed	4400RMP	4400rpm
Dimesion	32×18×19cm	62×34×33cm
Weight	9kg	40kg



MR-13Q 薄板钻研磨机 SHEET METAL DRILL RE-SHARPENER

- 13T can grind the stepped drill. 13Q can grind the sheet metal drill.
- It is accurate and durable.

Model	13Q/13T
Range	Ø4-Ø14
Point angle	118° -140°
Power	220V 160W
Speed	4400RPM
Dimension	35×22.5×23.5cm
Weight	13kg

Standard equipment: 13T/13Q# eleven collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X1 端铣刀研磨机 END MILL RE-SHARPENER

- X1 portable end mill grinder, can grind 2-flute, 3-flute, 4-flute, also can open the Tungsten bar's cutting edge directly. It is easy to operate, with skill to grind

Model	X1
Range	Ø4-Ø14
Power	220V/200W
Speed	4400RPM
Dimension	35×23×24cm
Weight	14kg

Standard equipment: six collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-13F 粉末冶金钻研磨机 NACHI DRILL BIT RE-SHARPENER

- Portable drill grinder. It is accurate and with long service life.
- The patent product can sharpen the point angle (top Angle), back bevel Angle and chip removal groove. The chip removal groove and center static point can be adjusted.

Model	13F
Range	Ø4-Ø13
Point angle	135°
Power	120W
Speed	4400rpm
Dimension/Weight	30×14.5×18cm/13kg

Standard equipment: 13F# ten collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X3 端铣刀研磨机 END MILL RE-SHARPENER

- X3/X3A/X5 portable end mill grinder, can grind 2-flute, 3-flute, 4-flute
- X3/X3A/X5 point angle can be adjusted from 0° to 5°.

Model	X3/X3A	X5
Range	Ø4-Ø14/Ø20	Ø12-Ø30(Ø32)
Power	220V/160W	220V/250W
Speed	4400RPM	4400RPM
Dimension	35×23×24cm	40×28×31cm
Weight	14kg	28kg

Standard equipment: X3# six collets; X5# ten collets. X3A nine collets
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-13S 三斜面钻头研磨机 DG DRILL BIT RE-SHARPENER

- 13S for the left and right grinding, right for grinding the drill's point angle and front cutting lip, left for grinding the drill's double back angle.

Model	13S
Grinding range	Ø4-Ø14
Point Angle	95° ~135°
Power	AC220V
Motor	160W
Speed	4400RPM
Dimension	31×20×26cm
Weight	17kg

Standard equipment: 13S# eleven collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X6 螺旋铣刀研磨机 SPIRAL END MILL RE-SHARPENER

- Independent developing X6 includes the function of X3, and can also grind peripheral cutting edge.
- With diamond grinding wheel.

Model	X6/X6A	X7
Range	Ø4-Ø14(Ø20)	Ø12-Ø30
Power	220V/160W	220V/250W
Speed	4400rpm	4400rpm
Dimension	61×25×32cm	56×32×38cm
Weight	25kg/27kg	44kg

Standard equipment: X6 standard with 11 collets; X6A standard with 17 collets;
X7 standard with 10 collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-13C 倒角钻头研磨机 DRILL BIT RE-SHARPENER

- 13C Can Grinding the drill's point angle, lip relief angle. It is easy to remove the chips and chamfer

Model	13C
Grinding range	Ø3-Ø13
Point Angle	90° ~140°
Power	220V 50/60HZ
Speed	4400RPM
Dimension	32×22.5×23.5cm
Weight	10kg

Standard equipment: 13C# eleven collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X6R 圆鼻铣刀研磨机 CORNER RADIUS END MILL RE-SHARPENER

- The machine is specialized in re-sharpening end mill and corner radius end mill, it can grind 2-flute, 3-flute and 4-flute. Also can open the Tungsten bar's cutting edge directly. It can grind the radius of corner radius end mill as R0.3, R0.5, R0.8, R1 or R0.5, R1 or R1.5, R2. If there is any other radius, we can make the different grinding wheel.

Model	X6R
Grinding Range	φ4-φ14(φ20)
Grinding Radius	R0.5, R1 or R1.5, R2 or R0.3, R0.5, R0.8, R1
Power	220V/160W
Speed	4400rpm
Dimension/Weight	41×24×30cm/22kg

X6R standard with 6 collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X8 球头铣刀研磨机 BALL END MILL RE-SHARPENER

- It is the special grinder for ball end mill.
- Grinding is accurate and rapid, easy operation, with no skill requirement to grind.
- With diamond grinding wheel, It can be equipped directly with an accurate angle and long service life.

Model	X8
Range	φ6-φ20
Power	220V/250W
Speed	4400rpm
Dimension	60×29×37cm
Weight	40kg

Standard equipment: X8# eight collets.
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-F4/F6 铣刀·钻头复合机 COMPLEX RE-SHARPENER OF MILL & DRILL

- Complex re-sharpener of end mill & drill, one machine with two function, easy to use, economical and practical, with no skill requirement to grind.
- F4=13D+ X3

Model	Drill	Mill
Range	Ø3-Ø14	Ø4-Ø14
Point angle	95° -135°	0° -5°
Power	220V/160W	220V/160W
Speed	4400rpm	4400rpm
Dimension/Weight	35×23×30cm/21kg	35×23×30cm/21kg

Standard equipment: F4 twelve collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-X4 切断研磨机 CUTTING MACHINE

- X4 is the specialized machine for cutting the tools.

Model	X4
Range	Ø4-Ø14
Power	220V 160W
Speed	4400rpm
Dimension	35×23×27cm
Weight	12kg

Standard equipment: X4# eleven collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-13W 钨棒研磨机 TUNGSTEN BAR GRINDER

- 13W Tungsten bar grinder can adjust point angle from 60° to 90°(0° to 180°)

Model	13W
Range	Ø4-Ø14
Power	220V 160W
Speed	4400rpm
Dimension	35×23×27cm
Weight	12KG

Standard equipment: 13W# eleven collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-S30 六轴数控工具磨床 SIX AXIS CNC TOOL GRINDER

- MR-S30 is a six axis CNC tool grinder, which is specially designed for cutting tools' users. PLC+touch screen control, make the operation simply and intuitively, satisfy any angle's tool grinding. The system has a set of grinding parameters for drills and end mills. At the same time, the grinding parameters can be customized by hand wheels, by replacing various shapes' grinding wheel to grind various tools.

Model	DRILL	END MILL	TAP
Grinding Range	1-20mm	1-20mm	1-20mm
Point angle	0° -180°		
Cooling mode	water-cooling		
Grinding accuracy	0.02mm		
Speed	4400rpm		
Power	550W		
Dimension/Weight	1000X900X1690mm/195kg		



MR-Y3C 丝攻研磨机 SCREW TAP RE-SHARPENER

- Portable screw tap grinder can grind 3-flute, 4-flute tap. Choosing can grind 5-flute and 2-flute tap.
- Y3C/Y5C can grind all front cutting face, also include the front cutting lip.

Model	Y3/Y3C	Y5C
Range	M5-M20	M16-M42
Point Angle	5° -30°	5° -30°
Power	220V/160W	220V/250W
Speed	4400rpm	4400rpm
Dimension	36×27×30.5cm	40×30×31cm
Weight	12/16kg	26kg

Standard equipment: Y3C six collets; Y5C nine collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-A5 丝攻·钻头复合机 SCREW TAP RE-SHARPENER

- A5 is the complex re-sharpener of screw tap and drill.
- One machine with two function, easy to use, economic price.
- A5=13D+ Y3C

Model	Screw tap	Drill
Range	M5-M20	Ø4-Ø14
Point angle	5° -30°	100° -135°
Power	220V/160W	
Speed	4400rpm	
Dimension/Weight	36×29.5×28cm/21kg	

Standard equipment: A4 eleven collets;
Standard grinding wheel: CBN wheel (for HSS) or SD wheel (for carbide).



MR-60A/80A 万能钻头磨床 UNIVERSAL DRILL BIT GRINDER

- The MR-80A can sharpen Ø3 to Ø60(Ø80) all kinds of drills, such as standard twist drills, bottoming drills, multiple diameter drills, four facet drills, wood drills, spot facer.

Model	60A/80A
Grinding Range	Ø3-Ø60(Ø80)
Point angle	30° -180°
Power	220V 50Hz 550W
Speed	2800rpm
Dimension/Weight	58×41×45cm/145kg



MR-R200A

MR-R200 手提强力倒角机 PORTABLE CHAMFER

- Suitable for any length of non-heat treatment workpiece and any other parts which are hard to move. It is easy to operate, take less time.
- Standard square alloy bit (model 4130511).

Model	R200	R200A
Chamfering range	0-6mm	0-9mm
Chamfering angle	15° -45°	15° -45°
Power	380V 750W	220V 750W
Speed	2800rpm	3000-6000rpm
Dimension/Weight	38×24×24.5cm/13kg	

Notice: The Max. chamfering range is 2mm to 3mm everytime.



Pipe Beveling Machine

SKF-15 坡口倒角机 PIPE BEVELING MACHINE

- SKF-15 chamfering machine is specially designed for plate beveling and chamfering. It is a convenient and dexterous machine. It can be used for deburring and chamfering of metal sheet before welding, etc. The machine is simple and safe to use, suitable for steel, cast iron, hard plastics, non-ferrous metals and other materials.

Model	SKF-15
Maximum cutting edge width	15mm(adjustable)
Chamfering angle	30-60°(adjustable)
Rotation speed	2870 r/min
Power	380V/1.1KW
Weight	18KG



R500

MR-R300 侧面倒角机 SIDE CHAMFER

- R300 is suitable for non-heat treatment workpiece, for example various mould, parts of machine's rubdown.
- R500 Adopting the grinding wheel, suitable for heat treatment of workpiece.

Model	R300	R500
Chanfering height	0-3mm	0-3mm
Chamfering angle	15-45°	45°
Power	380V 550W	380V 550W
Speed	2800rpm	2800rpm
Dimension/Weight	54×39×30cm/38kg	53×42×39cm/36kg

MR-R300D 高速圆弧倒角机 ARC ANGLE CHAMFER

- Applying to non-heat treatment workpiece for such as various mould, part of machine's chamfer.
- R300D is the complex chamfering machine for R angle and C angle.

Model	R300D
Chamfering range	R1-R4/C3
Power	220V 550W
Speed	3000-6000rpm
Dimension/Weight	40×30×22cm/27kg



MR-R800B 复合倒角机 COMPLEX CHAMFER

- It's suitable for regular and irregular parts of mechanism or mould. The angle of R800B straight line part can be adjust from 15 degree to 45 degree.

Model	R800B	
Chamfering range	Straight 0-3mm	Curved 0-2.5mm
Chamfering angle	Straight 15° -45°	Curved 45°
	Curved 45°	Straight 45°
Power	380V 750W	
Speed	Straight 8500rpm	Curved 12000rpm
Dimension/Weight	52×44×69cm/68kg	

The machine adopt Swedish SKF bearing and imported digital cuttings.

永磁起重器 PERMANENT LIFTER

- Compact structure, light weight, easy to operate.
- Without electricity, magnetic permanent, use safety, can be in field operation.
- High safety coefficient, maximum pulled off force in 3-3.5 times, insurance device, to prevent wrong operation.
- Maintenance-free design, long service life.
- "V" groove design, can suck or circular workpiece.

Model	Rated capacity (kg)	size(mm)				Maximum pulled off (N)	Cylindrical hole limits	Self-weight (kg)	
		A	B	H	D				
PML-300	300	192	92	91	150	10500	≥60	≤100	9.6
PML-600	600	314	102	92	216	267	≥70	≤00	18
PML-1000	1000	363	142	118	307	342	≥90	≤300	37
PML-2000	2000	537	165	164	367	482	≥120	≤600	120

超强永磁吸盘 SUPER PERMANENT MAGNETIC CHUCK

- Magnetic force produced by high energy materials, no time limit, no energy consumption, no heat, environmental safety, the operation is simple and practical.
- Stacking of strong attraction, magnetic, according to the workpiece contact area increases, can be used to power the milling and drilling.
- Super strong suction cup panel big rigidity, good stability, in use process dose not produce distortion, which can realize precision machining.
- Simple mechanical switch, do not need power and make the magnetic workpiece falls off.
- Simple quick replacement of the clamping workpiece, workpiece clamping adjust working hours, to realize five surface processing, improve work efficiency by 80%.

Model	size(mm)				Magnetic block (PCSI block)	Magnetic force (kgf)	Total suction (kgf)
	A	B	H	D			
2025B	200	256	50	56			1400
2025A	253	252	90	90			2250
2040A	200	400	80	136	25		3400
3030A	300	300	90	132			3300
3040A	300	400	90	176			4400

真空吸盘 VACUUM CHUCK

- The company vacuum chucker USES is "localization" ten principles, without vacuum pump, simply to the supply air compressor can be adsorbed.
- Strong magnetic attraction power and automatic pressure maintaining, can maintain the holding function under power to snuff out.
- Start fast, ventilation can achieve working state 4 to 6 seconds.
- Wide application, flat workpiece without being limited by the material.
- The operation is simple quick keys.
- Processed products size at the bottom of the plane size is not less than 60mm*60mm.

Model	size(mm)	Groove size	weight(kg)
3030	300*300*45	16.2*16.2	10
3040	300*300*45	16.2*16.2	14
4040	400*400*45	16.2*16.2	18
4060	400*600*45	16.2*16.2	28





MR-Q10 锯片磨齿机 SAW BLADE SHARPENER

- Without model plate, can grind the teeth automatically. Adjustable speed, it is fast and accurate. It can grind the teeth and shape. It also can keep balance and efficiently.

Model	Q10
Saw blade Dia.	Ø60-Ø350(Ø400)
Voltage/Power	220V/250W/60W(T)
Speed	4000rpm/45teeth/min
Dimension	62X62X72cm
Weight	56kg



MR-Q5 锯片磨齿机 SAW BLADE SHARPENER

- It can sharpen carbide and high speed steel saw blade. With accurate setting and high speed, can grind the teeth automatically. Adjustable speed, it is fast and accurate.
- C5 get our China national patent, the motor can rotate up and down which can sharpen gear front and back angles (or chamfer).

Model	Q5
Saw blade dia.	Ø60 (Ø25) - Ø300 (Ø350) (customize)
Speed	45teeth/min
Voltage	220V/380V
Power	550W/60W(T)
Dimension	65X65X105CM
Weight	103kg



TYPE A
TYPE B



Dimension A can grind the saw blade that cut copper and aluminum pipe; Type B can grind the ordinary circle-arc saw blade.

MR-S450 圆弧锯片磨齿机 CIRCULAR-ARC SAW BLADE SHARPENER

- S450 can be easy to adjust sawteeth's cutting angle, back clearance angle, and teeth space. It is fast and accurate to grind the blade sharply. Grinding wheel can swing up and down, which can grind the chamfer angle without replacing the wheel.

Model	S450
Saw blade diameter	Ø50-Ø450
Speed	45~180teeth/min
Teeth space/Tooth depth	(max)28mm (deepest)8mm
Cutting angle	0° ~30°
Saw thickness	(thickest)8mm
Dimension	132x80x80cm
Weight	130kg



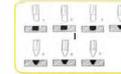
MR-S380 带锯片磨齿机 BAND SAW BLADE SHARPENER

- It can grind various thin wood saw blade, double metal saw blade, carbide steel saw blade and so on.
- MR-S380 is a new multifunction and patent machine that can grind changeable teeth (tip) of band saw blade, such as 2/3, 3/4, 4/6 etc.

Model	S380
Saw blade width	16-45mm (customized 60mm)
Teeth space	3-30mm
Feed speed	40-60teeth/min
Grinding wheel	150mm
Power/Speed	380V/220V/550W/2800RPM
Dimension/Weight	60x50x100cm/110kg



MR-U2/20



MR-U3 万能磨刀机 UNIVERSAL CUTTER GRINDER

- The machine is necessary of CNC carving machine and milling machine.
- The universal cutter grinder U2 with the attachments can grind drill bit, lathe tool and ball cutter. The max. holding diameter: φ18mm

Model	U30/U2/20
Collet diameter	Ø3-Ø18
Grinding wheel	Ø100X50XØ20
Power	220V/380V 50Hz
Speed	5000rpm
Dimension/Weight	55x45x47cm/50kg



MR-M3 数控刀片·车刀研磨机 BLADE & LATHE TOOL GRINDER

- MR-M3 is suitable to grind many kinds of cutters, such as tipped tool, boring cutter, plough cutter, and so on. It is a perfect grinding tool instead of hand grinding.
- Worktable uses high precision cross rolling guide rails, good movement, high stability, steady bed platform, dexterous operation.

Model	M3
Arc angle	R0.2-R10
About worktable diameter	140mm
Voltage	380V 250W
Speed	2800rpm
Dimension	44x34x44cm
Weight	78kg



MR-M4 数控刀片·车刀研磨机 BLADE & LATHE TOOL GRINDER

- M4 uses the camera to detect the sharpening tool, which can detect the length, angle and arbitrary arc radius of (R0.5-R2.5).
- It is specially developed for the grinding of PCD inserts, alloy inserts, CBN inserts, etc.

Model	M4
Tool height range	5 - 30mm
Tool nose arc range	R0.05 - R2.5
Tool nose angle	(35-a-180)°
Voltage	380V 50/60HZ
Speed	7600rpm
Weight	150kg

MR-600F 万能工具磨床 UNIVERSAL TOOL GRINDER

- The worktable of 600 uses the dovetail guide rail, good rigidity; And 600F uses two high precision straight line rolling guide rails, steady bed platform, good movement. 6025 can grind in hole and outer annulus.
- Standard accessories can grind slot miller, face and side cutter, lathe tool, hobbing cutter, reamer bit etc.
- Choosing 50E can grind spiral milling cutter, ball end mill.
- Choosing 50K can grind drill bit, screw tap.

Model	600/600F	6025
About worktable diameter	300mm	350mm
About worktable traveling	150mm	
Worktable area	130X550mm	130X675mm
Grinding wheel size	Ø125X50XØ32mm	Ø150X16XØ32mm
Power/Speed	2800RPM	5000RPM
Motor	3/4HP 220V/380V	
Dimension	70x63x63cm	73x71x72cm



50E Spiral mill · ball cutter grinder



50K Drill bit · screw tap grinder



50D End-milling cutter grinder



MR-K2 空心钻研磨机 CORE DRILL GRINDER

Core drill grinder uses the easiest way to grind the core drill with the powerful and precise construction, low consumption, ergonomic design and easy operation

Model	K2
Grinding Head Movement	70mm
Hole Diameter Of Center Drill Clamper	19.05mm
Headstock Travel	170mm
Horizontal Rotation Of The Holder	0° - 90°
Vertical Rotation Of Headstock	0° - 90°
Grinding Wheel Specifications(outer Diameter *inner Hole)	Ø125x Ø 25mm
Rotary Speed Of Wheel	2800rpm
Motor Power Of The Grinding Head	0.37kw, 1/2HP
G.w./n.w.	30KG/33KG
Machine Size	410*275*280MM
Packing Size	500*320*320MM



MR-V9223 磁座钻 MAGNETIC DRILL MACHINE

Magnetic drill machine is applicable to steel structure drilling, shipping building, paper making, bridge construction, mechanical equipment installation, steel construct engineering, subway construction, large equipment maintenance and all the pipeline engineering.

Model	V9223	V9228
The max. drilling dia.	23mm	28mm
Max. magnetic force	12000N	13000N
Max. turning Angle	70°	70°
The max. radial displacement	30mm	30mm
The max. depth of drilling	210mm	210mm
Rated speed	300r/min	235r/min
Power	1000W 220V	1200W 380V
Weight	28kg	29kg

MR-D13/16/23/28 多功能磁座钻 MAGNETIC DRILL MACHINE

Magnetic drill machine is applicable to steel structure drilling, shipping building, paper making, bridge construction, mechanical equipment installation, steel construct engineering, subway construction, large equipment maintenance and all the pipeline engineering.

Model	D13	D16	D23	D28
Twist drill	13mm	16mm	23mm	28mm
Voltage	110/220v	110/220v	110/220v	110/220v
Frequency	50-60HZ	50-60HZ	50-60HZ	50-60HZ
Power	1150W	1380W	1400W	1680W
Max. attraction	11000N	11500N	16500N	17800N
No-load speed	800rpm	670rpm	470rpm	340rpm
Depth of drilling	30mm	30mm	40mm	50mm
Max. travel	120mm	120mm	180mm	200mm
N.W/G.W	10/12kg	11/13kg	18/20kg	18.5/20.5kg

MR-B13/16/23/28 磁座钻 MAGNETIC DRILL MACHINE

Magnetic drill machine is applicable to steel structure drilling, shipping building, paper making, bridge construction, mechanical equipment installation, steel construct engineering, subway construction, large equipment maintenance and all the pipeline engineering.

Model	B13	B16	B23	B28
Twist drill	13mm	16mm	23mm	28mm
Voltage	110/220v	110/220v	110/220v	110/220v
Frequency	50-60HZ	50-60HZ	50-60HZ	50-60HZ
Power	1150W	1380W	1400W	1680W
Max. attraction	11000N	11500N	17000N	18800N
No-load speed	100-800rpm	0-670rpm	100-470rpm	0-340rpm
Depth of drilling	30mm	30mm	40mm	50mm
Max. travel	120mm	120mm	180mm	200mm
N.W/G.W	10/12kg	11/13kg	18/20kg	19.5/21.5kg



Universal head



Vertical head

MR-DS16/DS30 按键电动攻丝机 ELECTRIC TAPPING MACHINE (PUSH BOTTOM)

With the function of quiet, stable, power saving, high speed with low torque, low speed with high torque, and have the protection of over voltage, over current, over load, etc.

Model	DS16	DS30	DS36
Tapping Range	M3-M16	M6-M30	M6-M36
Speed	0-312rpm	120rpm	140rpm
Power	220V/800W	220V/1200W	220V/1200W
Weight	27kg	45kg	50kg

DS16 STANDARD ISO COLLETS: M3, M4, M5, M6, M8, M10, M12, M14, M16
DS30 STANDARD ISO COLLETS: M6, M8, M10, M12, M14, M16, M18-20, M22, M24, M27-30
DS36 STANDARD ISO COLLETS: M6, M8, M10, M12, M14, M16, M18-20, M22, M24, M27-30, M33, M36



Universal head



Vertical head

MR-DS16/DS30 触控电动攻丝机 ELECTRIC TAPPING MACHINE (TOUCH SCREEN)

With the function of quiet, stable, power saving, high speed with low torque, low speed with high torque, and have the protection of over voltage, over current, over load, etc.

Model	DS16	DS30	DS36
Tapping Range	M3-M16	M6-M30	M6-M36
Speed	0-312rpm	120rpm	140rpm
Power	220V/800W	220V/1200W	220V/1200W
Weight	27kg	45kg	50kg

DS16 STANDARD ISO COLLETS: M3, M4, M5, M6, M8, M10, M12, M14, M16
DS30 STANDARD ISO COLLETS: M6, M8, M10, M12, M14, M16, M18-20, M22, M24, M27-30
DS36 STANDARD ISO COLLETS: M6, M8, M10, M12, M14, M16, M18-20, M22, M24, M27-30, M33, M36



DRILLING & TAPPING



230mm



130mm



230mm



130mm



工作台
ELECTRIC TAPPING MACHINE TABLE

Optional size: 800*500mm, 900*600mm

MODEL	TABLE 1	TABLE 2
Size	800X500MM	900X600MM
Weight	70KG	85KG



吸盘
MAGNETIC CHUCK

With optional magnetic base work in any big workpiece surface

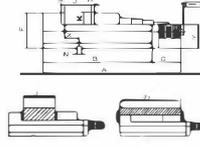
Model	Rated capacity (kg)	Maximum speed of (m)	Optimal work length (mm)	Weight (kg)	
PML-300	300	10500	≥60	≤100	9.6
PML-600	600	18000	≥70	≤200	18

MC 角固式/肯倍得式精密油压虎钳

MC COMPACT MECHANICAL/HYDRAULIC VISE



- Holding Work-piece firmly in single and multiple vises setup.
- The jaws adopting the structure of semi-cycle with low oblique angle, which can eliminate the floating of jaws and incline of the tools.
- The body of clamp adopting anti-high tension ball graphite cast iron (FCD60-60kgs/mm)(80, 000psi), it is not easy to deform.



Unit: mm

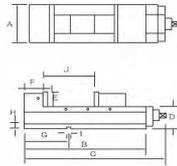
Model	A	B	C	F	F	F	J	J3	K	N	X	Y	Clamping force	Weight	Packing size
CHV-100A	475	340	135	101	133	15	0-125	125-320	48	18	45	85	36KN(3528kgf)	27kg	600x220x185
CHV-130A	540	405	135	131	150	15	0-180	180-380	55	18	65	95	46KN(4508kgf)	40kg	665x250x205
CHV-160A	630	495	135	161	163	15	0-240	240-470	58	18	65	105	56KN(5488kgf)	60kg	760x280x215
CHV-200A	750	570	135	201	173	15	0-280	280-540	63	18	82	115	71KN(6958kgf)	81kg	860x320x225

MC 倍力虎钳

MC DOUBLE FORCE VISE



- MC double force pressure vise, it is suitable for vertical and horizontal integrated cutting machine with FMS system to do heavy cutting.
- Easy clamping, efficient and labor-saving, can reduce the labor intensity of employees.
- The high force mechanism can set the clamping force at any time, and repeated use many times to maintain a considerable clamping force, and consistent accuracy, and designed to have clamping force overload protection device.
- Vise with anti chip design, in order to prevent the processing of iron filings into the drive screw and vice internal, not easy to remove.
- Big opening, it is suitable for large-scale work to do precision machining.

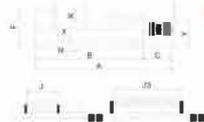


Unit: mm

Model	A	B	C	D	E	F	G	H	J2	J2	J2	J2	J2	J2	G.W.	POWER
MPL-130B	130	450	580	95	50	85	135	23	16	240	285	320	405	48kg	4500kgf	
MPL-160B	160	550	680	100	60	103	200	23	16	300	380	400	500	66kg	5000kgf	

角固式机械虎钳

COMPACT MECHANICAL VISE



- The verticality of the jaw to the machine tool table is 50.0.02, which is made of high quality alloy steel. Surface hardening treatment, hardness HRC58-62, used for milling, boring, drilling and grinding of CNC machine tools, machining centers and general purpose machine tools.

TECHNICAL PARAMETER

UNIT: mm

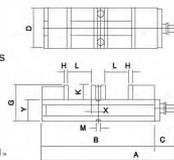
Model	A	B	C	D	E	F	J	J3	K	N	X	Y	Clamping force	Weight	Packing size
JX-100A	457	340	135	101	133	15	0-125	125-320	48	18	45	85	36KN(3528KGF)	27KG	600*220*185
JX-130A	540	405	135	131	150	15	0-180	180-380	48	18	45	85	46KN(4508KGF)	40KG	665*250*205
JX-160A	630	495	135	161	163	15	0-240	240-470	58	18	65	105	56KN(5488KGF)	60KG	760*280*215
JX-200A	750	570	135	201	173	15	0-280	280-540	63	18	82	115	71KN(6958KGF)	81KG	860*320*225

MC 双加紧/角固式精密机械虎钳

MC 2LN 1DOUBLE LOCK & ANGLOCK MACHINE VISE



- Double clamping mechanism, one side can be freely adjusted with the opening range, can do two Different sizes of workpieces are processed at the same time. The working error on both sides can be automatically eliminated by ±1.5mm, and the clamping force on both sides All remain the same.
- The movable sides on both sides are designed with an angle-locking mechanism to prevent the workpiece from floating.



Unit: mm

Model	A	B	C	D	G	H	LEACHSIDE	M	K	X	Y	WEIGHT	PACKAGING SIZE
SMC-160A	585	500	85	161	148	15	0-100	0-100	18	58	30	90	59kg 760x280x215

MC 角固式/倍力式空压快速精密虎钳

MC COMPACT/PNEUMATIC QUICK VISE



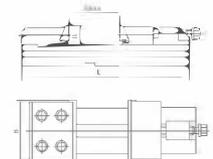
- The double force type air pressure fast vise is suitable for MC vertical horizontal comprehensive cutting machine, milling machine, drilling machine, special machine and other mass production and processing fast fixture.
- The double force mechanism cooperates with the air pressure to achieve fast large clamping force function, and only needs to be connected to the air pressure source to avoid oil pushing to prevent oil leakage.
- The vise is designed with a safety stop device. When the air pressure source suddenly stops supplying, the clamping force is not loose and the safety is high.

Model	A	B	C	D	E	F	J	K	X	Y	KN	N.W.	G.W.	PACK SIZE
QD-130	507	405	102	131	155	15	0-140	55	65	100	16KN(1568kgf)	40kg	42kg	655x250x205
QD-160	534	432	102	161	163	15	0-150	58	65	105	21KN(2058kgf)	52kg	55kg	760x280x215
QD-200	534	525	102	201	188	18	0-200	63	82	135	41KN(4018kgf)	83kg	56kg	860x320x225

精密组合平口钳 PRECISION MODULAR VISES



- Made of high-quality alloy steel.
- Parallelism 0.005mm/100mm squareness 0.005mm.
- The hardness of working surface is HRC58-62 and precision ground to a mirror finish.
- It have interchangeable base, fixed/movable jaws it is quickly to clamp and easy to operate.
- It is widely used on machining center and other precision machine tools.



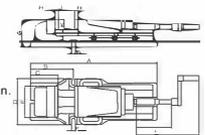
Model	W (mm)	H (mm)	Shaft (mm)	L (mm)	Clamping force(kg)
GT100-I	100	30	100	270	3000
GT125-I	125	40	125	345	3000
GT150A-I	150	50	200	420	5000
GT150B-I	150	50	300	520	5000
GT175A-I	175	60	200	455	6000
GT175B-I	175	60	300	555	6000

内藏式精密油压虎钳

WORKING PRECISION HYDRAULIC VISE



- Mechanical/hydraulic type can be used alone or in combination.
- Strong and powerful material - vise This table uses spherical graphitized cast iron(FCD60-60kgs/mm2). (80,000 psi)
- Strong tensile strength, high wear resistance and low deformation.
- The sliding surface of the vise is hardened by heat treatment HRC 45 degrees or more, and Precision grinding, long-term wear resistance and precision.



UNIT: mm

Model	A	B	C	D	E	F	G	F	J	K	F	M	KN	WEIGHT	PACKAGE SIZE
NHV-130A	525	195	121	224	130	19	134	16	0-210	52	310	18	40KN(3915kgf)	38kg	640x260x185
NHV-150A	620	210	136	224	130	19	134	16	0-300	52	310	18	50KN(4915kgf)	58kg	730x260x190

QGG 高度精密工具平口钳

QGG HIGH-PRECISION PRECISION TOOL CLAMPS



QKG TYPE

QM TYPE



- Scope of application: machining center, CNC machine tools, surface grinders, milling machines.
- Features: Forged with high quality materials, with high rigidity and wear resistance.
- It is simple and convenient to apply.

SPEC	QGG50	QGG60	QGG63	QGG73	QGG80	QGG88	QGG100	QGG125	QGG125A	QGG150
WIDE	50	60	63	73	80	88	100	125	125	150
DEPTH	25	25	32	35	40	40	45	50	50	50
LENGTH	65	55	85	100	100	125	125	160	210	175
TOTAL LENGTH	185	110	190	210	220	250	280	300	300	315