



HANGZHOU KAFAN MACHINERY&EQUIPMENT CO.,LTD



- ▶ VIBRATORY POLISHING MACHINE
- ▶ POLISHING MEDIA
- ▶ POLISHING CHEMICALS



Vibratory Polishing & Deburring Machines

CL-A Series | vibratory Polishing machine

Size: 40L, 60L, 80L, 95L, 150L, 350L, 450L, 650L, 950L



CL-60A



CL-150A



CL-350A

CL-B Series | vibratory polishing machine with automatic separation of parts

Size: 135L, 350L, 450L, 650L, 950L



CL-135B



CL-350B



CL-AB Series | Vibratory polishing machine with automatic separation of parts.

Size: 150L, 350L, 450L, 650L, 950L

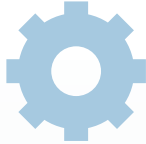


CL-150AB



CL-350AB





Vibratory Finishing Machine

Remarks :

If the workpiece is relatively large
choose the A Type

If The workpiece is relatively small
can Use AB type

If the workpiece is relatively small.
And the workpiece hardness is
relatively high need to debur with
B-type tumbling faster, squeeze more



More optional :

- Manual parts separation dam
- Quick change media discharge plug
- Variable frequency drive to change rotation speed
- Automatic parts unload



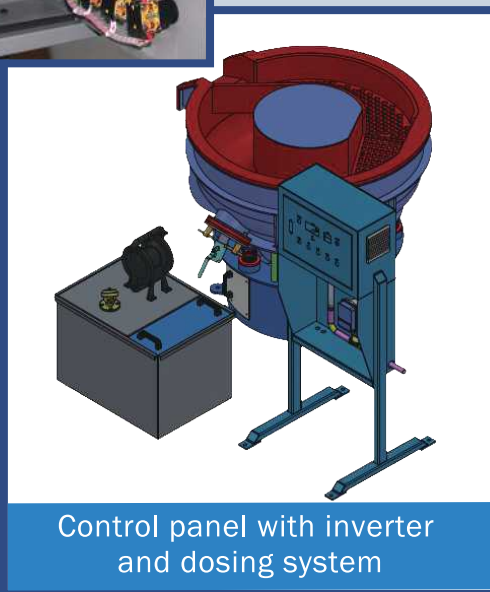
Vibratory finishing machine with free noise cover

This type with cover no noise .no spreading out
polishing compound



Electrical Control

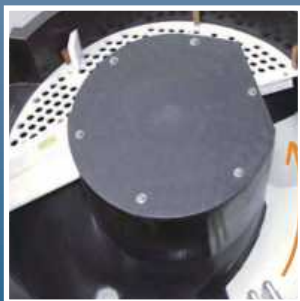
With control panel can adjust the speed



Others choose available as below

Operator-assisted separation of media from parts:

Due to their shape, size or fragility, certain parts cannot be automatically separated from the media. The manually inserted and easy to handle separation gate allows such gentle separation. Of course, pneumatically activated separation flaps are also available (R320 EC and bigger)



"Shallow" incline of the process channel



Manually inserted separation gate



Separation of media and parts



Pneumatically activated separation flap



Vibratory Polishing Machine

Mainly used in bicycles, aluminum die casting, zinc die casting, furniture hardware accessories, clothing hardware accessories, luggage hardware accessories, glasses accessories, watches and clocks accessories, locks, electronic accessories, all kinds of jewelry, jewelry and powder metallurgy, resins.



Vibration Polisher Features:

- Use special vibration motor, vibration performance, low maintenance, production cost-effective.
- The machine's amplitude, flip strong, high cutting force, suitable for large quantities, small size workpiece grinding, polishing and processing.
- The process will not destroy the original size and shape of the workpiece.
- Can be customized according to customer requirements frequency control, time control, plus environmental protection cover noise work

Technical parameters

Model	Capacity	Motor power(kw)	Speed (r/min)	Amplitude (mm)	Rubber lining(mm)	Weight (kg)	Size L*W*H(mm)
CL-40(A)	40	0.55	1450	0.8-3	6-12	65	600*500*600
CL-60(A)	60	0.75-1.1	1450	0.8-3	6-12	100	700*640*700
CL-80(A)	80	1.1	1450	0.8-3	6-12	110	840*640*740
CL-95(A)	95	1.1	1450	0.8-3	6-12	125	860*800*750
CL-135(A)	135	2.2-3.0	1450	0.8-4	6-15	350	1150*1060*900
CL-150(A)	150	2.2-3.0	1450	0.8-4	6-15	380	1150*1050*900
CL-150(AB)	150	2.2-3.0	1450	0.8-4	6-15	380	1150*1100*900
CL-350(B)	350	5.5	1450	0.8-6	6-20	800	1500*1350*1050
CL-350(A)	350	5.5	1450	0.8-6	6-20	800	1450*1350*1050
CL-350(AB)	350	5.5	1450	0.8-7	6-20	800	1450*1350*1050
CL-450(A)	450	5.5	1450	0.8-6	6-20	1000	1550*1430*1050
CL-450(AB)	450	5.5	1450	0.8-7	6-20	1000	1600*1430*1050
CL-650(A)	650	7.5	1450	0.8-8	6-20	1500	1900*1850*1300
CL-650(B)	650	7.5	1450	0.8-8	6-20	1500	1850*1800*1400
CL-650(AB)	650	7.5	1450	0.8-8	6-20	1500	2000*1850*1300

Tub-style Vibratory Tumbling Machine

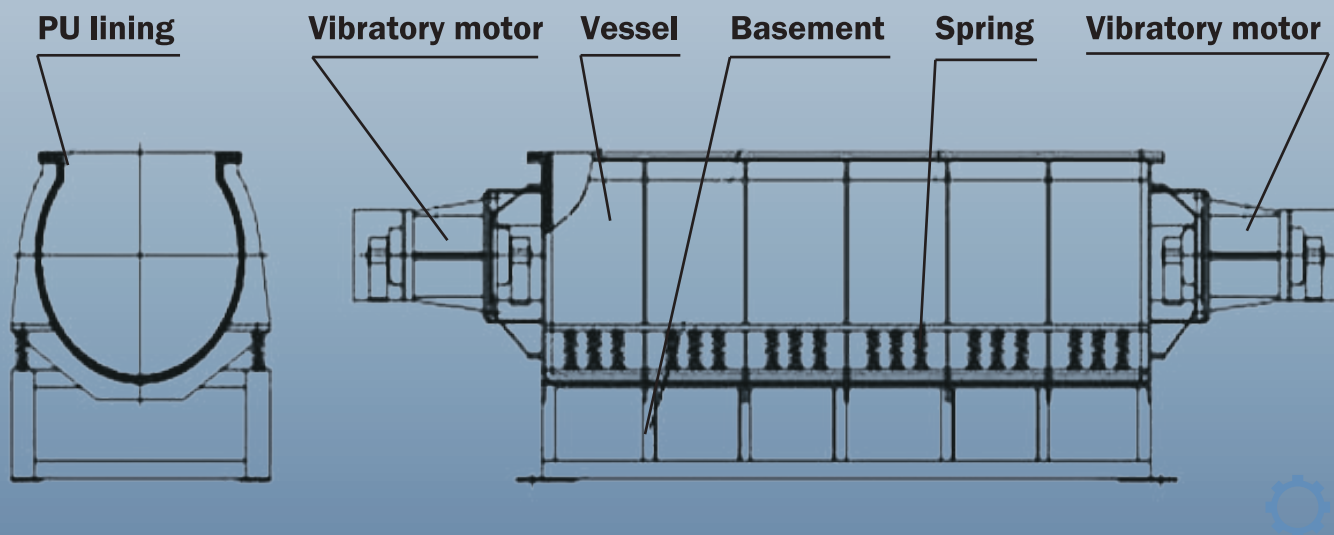
Application:

Radiusing, Deburring, Derusting,
Surface smoothing, Degreasing,
Cleaning before plating or
chemistry, Finishing, polishing.



Features:

suitable for processing long workpiece, medium and workpiece roll flow better,

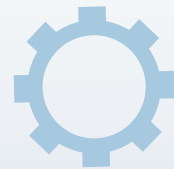


Technical parameters:

Model	Capacity (L)	Lining thickness (mm)	Empty weight (kg)	Motor (kw)	Tub size L*W*H (mm)	External dimensions L*W*H(mm)
CL-200	200	10 - 16	500	2 * 2.2	950*450*600	1700*760*700
CL-400	400	10 - 16	600	2 * 2.2	1500*500*600	2870*880*920
CL-600	600	10 - 16	800	2 * 4.0	1200*800*600	3354*880*920
CL-700	700	10 - 16	1000	2 * 4.0	2000*800*850	3000*880*900



Centrifugal vibratory polishing machine



CLW-40/60/80

Features:

- Adoption of centrifugal force theory to process the workpart with improved efficiency of 10-20 times.
- Application to process small size workpart, especially for the complex structure workpart.
- It enjoys the small sound and easy operation and high capacity.



Model	Capacity (L)	Motor power	Motor speed rpm	Working barrels capacity	Linging thickness	Outer size (L*W*H) mm	Weight (Kg)	remarks	Power V/hz
CL-15	15	0.75KW	0-185 r/min	7.5*2 L	5-8 mm	820*850*1080	150		
CL-30	30	1.5KW	0-186 r/min	7.5*4 L	5-8 mm	900*860*1170	350		380/3P
CLW-40	40	2.2KW	0-165 r/min	4*10 L	6-10 mm	1100*1000*1400	800	Auto unloading	220/3P
CLW-60A	60	5.5KW	0-165 r/min	4*15 L	8-15 mm	1150*1100*1700	1000		220/1P
CLW-80A	80	5.5KW	0-145 r/min	4*20 L	8-15 mm	1300*1250*1815	1200		110/1P
CLW-120A	120	5.5KW	0-120 r/min	30*4 L	10-15 mm	1610*1700*1950	1300		
CLW-200A	200	7.5KW	0-105 r/min	50*4 L	10-15 mm	1650*1870*1780	1650		
CLW-240A	240	11KW	0-90 r/min	80*4 L	10-15 mm	1650*1870*1780	1850		
CLW-320A	320	11.5KW	0-90 r/min	80*4 L	10-15 mm	1680*2200*1850	2800		

Centrifugal vibratory polishing machine



CLW-30

There are three kinds of rubber and PU two kinds of colloid, grinding roller loaded with both horizontal and inclined, chain drive, synchronous belt drive and gear drive three different transmission methods, in addition to speed motor and frequency control can select



CL-15L



[PU glue] Barrel finishing machine

Features:

- Using the principle of centrifugal movement, light finishing rate, improve work efficiency 5-10 times.
- For large and medium-sized batch of light finishing he workpiece, particularly applicable to the workpiece with a special cavity, with low noise, easy of operation and other advantages

Model	CL-100	CL-160	CL-300
Capacity	100L	160L	300L
Motor power	1.1KW	1.5KW	3.0KW
Speed	50r/min	50r/min	50r/min
Inner ling	6-12 mm	6-12 mm	6-12 mm
Weight	200kg	250kg	300kg
Size (L*W*H) mm	820*760*100	1000*800*1100	1200*950*1350



Barrel finishing machine

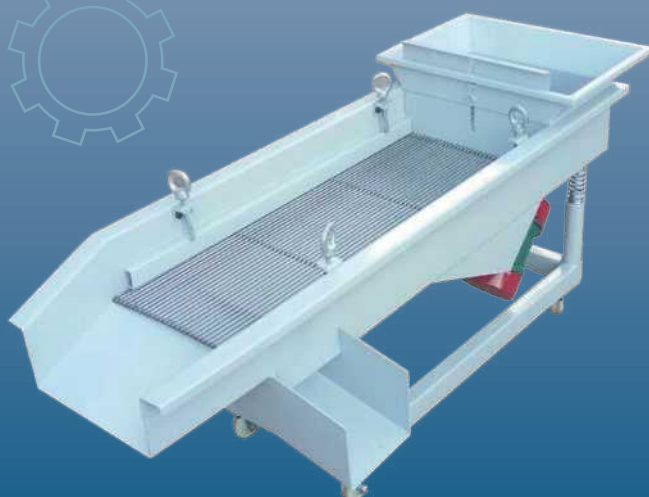
Model (Type)	Capacity (L)	Grinding cylinder	Power (kw)	Speed (r/min)	Liner ling	Weight (kg)
CL-50	50	40*45mm	0.75	33-39	8-12mm	100
CL-100	100	50*50mm	1.1	33-39	8-12mm	150
CL-150	150	60*60mm	1.5	33-39	8-12mm	200
CL-200	200	65*65mm	2.2	33-39	8-12mm	250
CL-300	300	65*100mm	3	33-39	8-12mm	350
CL-400	400	70*100mm	3	33-39	8-12mm	400
CL-500	500	90*100mm	4	33-39	8-12mm	500



Vibration sorting machine series

Uses: sorting the workpiece and abrasive

Type	XXL-50	Working groove diameter(mm)	1100*450
Capacity	50(L)	Liner ling(mm)	5-8
Motor power	0.25*2(kw)	Size(L*W*H) (mm)	1800*770*760
Power(v/hz)	380/50	Weight(kg)	200
Motor speed	1400(r/min)		



Centrifugal disc polishing machine



CL-W120L

Features:

- Using the original eddy current flow principle, superior finishing efficiency, improve work efficiency 15-30 times.
- According to the need to select the turntable speed, easy to operate
- Fixed slot and turntable lining polyurethane rubber, high strength, wear resistance, and service life

Model	Capacity diameter	Capacity (L)	Allowed load	Speed (r/min)	Motor (kw)
CL-W50L	500mm	50	25 (L)	50-250	2.2
CL-W120L	700mm	120	50 (L)	40-200	5.5

[PU glue]

*vertical disc
polishing machine*

Features:

Manual discharge, you can tilt the fuselage design, easy to discharge

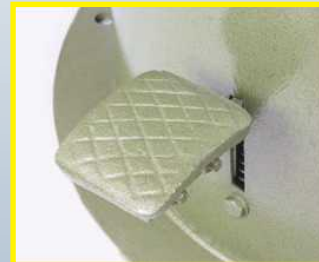


CL-W50L





Centrifugal Dryer



- Hot air centrifugal dryer is used to ensure the parts stain-free and corrosion free dried, following wet mass finishing processing,
- Which is very important for the parts to be painted as a final operation, most suitable for processing small parts.
- Drying by hot air and vacuum
- Inner centrifugal basket made of stainless steel with holes, water removed from the surfaces of the parts by centrifugal force which increases working efficiency.
- Heated air shortens the drying time and evaporates the moisture and protects parts from rust and corrosion.
- Inverter variable speed control for more process options.
- Protect device shuts off power automatically when processing finished or the cover opened.

Model	Maximum load(kg)	size(mm)	Electrical Power(Kw)	voltage(v)	Motor speed (r/min)
KF-35	35	400*300	0.75	380	665
KF-70	70	500*400	1.1	380	551
KF-35A	35	400*260	0.75	380	551
KF-70A	70	480*290	1.1	380	551

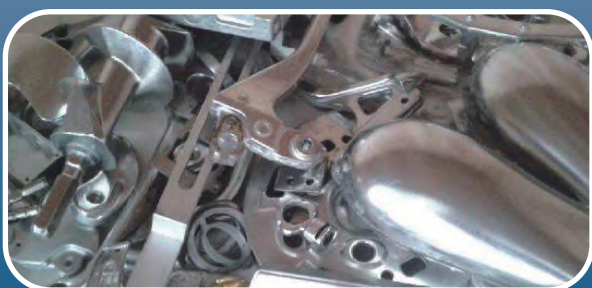
Grinding and Polishing Compound

Polishing liquid is prepared by a variety of chemical solution, it has an important role in the polishing process, a reasonable choice of polishing fluid, can make the workpiece out of the beautiful surface, bright and colorful dazzling, but also to prevent the corrosion of the workpiece And to improve the surface of the workpiece to play the role of cleaning . Remove the oil, soften the workpiece surface to accelerate grinding, reduce the impact of abrasive on the workpiece, improve working conditions. It is non-toxic, non-corrosive, easy to degenerate and other properties. Many types of polishing fluid should be selected according to processing conditions. In the polishing efficiency, the workpiece grinding quality, polishing finish, etc., polishing liquid shows a unique effect. Polishing liquid is divided into grinding fluid, cleaning agent, brightener (gloss agent) protective agent, in addition to oil, in addition to wax water, rust liquid



Grinding fluid		Brightener		Cleaning agent	Rust liquid
Common	Copper alloy	Aluminum products	Zinc alloy	Common	Common
Stainless steel	Zinc alloy	Aluminum alloy	Stainless steel	brightener	Dehydration
Aluminum alloy	Pure aluminum	Copper alloy			

Polished workpiece





Mass Finishing Media

We produce all kinds of mass finishing media chips, plastic media for polishing.



There are different shapes: Cone, Tet, Pyramid, etc. Besides, we can supply polishing media of special and specifications designed according to customer's demands. selection of shape and specifications according to the material, shape and surface condition of workpiece and its demands for finish



Oblique Cylindrical
White Aluminum Oxide



Oblique Triangle
White Aluminum Oxide



resin abrasive



Plastic Abrasive



Oblique Triangle
Brown Aluminum Oxide



Ball Shape White
Aluminum Oxide



Ball Shape Stainless
Steel



Ball Shape Oblique
Triangle White Aluminum Oxide



Dish Shape
Stainless Steel



Chromium
Aluminum Oxide



Alumina Ceramic
Cylinder



Green High-alumina
Porcelain Ball

The main specifications are:

Positive triangular angle: 3*3, 4*4, 6*6, 8*8, 10*10, 12*12, 15*15, 17*17, 20*20, 25*25, 30*30 and so on

Right oblique column: 4*8, 5*10, 6*12, 7*15, 8*16, 10*20, 12*25, 15*30, 18*36, 20*36, 25*40 and so on

Ball: 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 18, 20, 25, 30

Diamond, star: customized according to user requirements



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