

# 三次元振動研磨機

## 3-DIMENSIONAL VIBRIATORY FINISHING MACHINES

### 用途 GENERAL

適用於施行表面研磨拋光，電鍍及電鍍前處理是種最經濟的利器。

This kind of machine is especially suitable for aluminum alloy and any kinds of metallic, non-metallic materials polishing, brightening.

### 特點 PURPOSE

1. 本機上端周圍具有渦流狀傾斜通路，中呈螺旋狀往前流動，直到選料區。
  2. 採用具有高度，而磨性及耐油性的杜邦優力膠為內襯，故對於表面易受變形或打擊痕的工作物可以安全選別，而且不會遺漏工作物。
  3. 選料區設有轉換閘門及選料網等，易於選料，操作簡單。
  4. 本機馬達合於國際規格的振動馬達。
1. By using the high effect of 3-dimensional hi-frequency vibration vertex the work-pieces could be grinded and polished to a glossy surface finishing while the grand stone and work-pieces to move in the spiral rolling flow.
  2. This machine succeeds in the surface finishing polishing of stainless steels. Ferrous steels, cast iron, non-ferrous metals. Such as aluminum, copper, brass, zinc, alloys and porcelain, jadestones, corals, synthetic resins, plastic, bamboo, wood, etc...
  3. This kind of machine is suitable for any shape or delicate parts, due to having Polyurethane-Liner for long life.
  4. The vibratory motor conforms to international standard.

機型 MODEL	容量 VOLUME	馬力 MOTOR	直徑量 DIAMETER	總高度 HEIGHT	機械重量 WEIGHT
VB-25	25L	1/2HP	600 mm	615 mm	95 KGS
VB-50	50L	1HP	700 mm	850 mm	210 KGS
VB-100	100L	2HP	900 mm	1000 mm	370 KGS
VB-150	150L	3HP	1050 mm	1100 mm	450 KGS
VB-250	250L	5HP	1200 mm	1250 mm	600 KGS
VB-350	350L	7.5HP	1350 mm	1400 mm	835 KGS
VB-500	500L	10HP	1500 mm	1550 mm	1120 KGS
VB-700	700L	12HP	1750 mm	1770 mm	1750 KGS
VB-1000	1000L	15HP	1900 mm	2000 mm	2200 KGS

尺寸若有修改，不另行通知

If the dimensions of machines could be modified, we won't inform you again.



# 三次元自動選料振動研磨機 VB-A型

## 3-DIMENSIONAL VIBRATORY FINISHING MACHINES WITH AUTO SELECTOR GEAR



### 特點 PURPOSE

1. 本機台之選料區設有選料閘門，操作簡單。
  2. 選料網可將工件與研磨石分離，可節省作業時間及成本。
1. This machine's separating area complete with manual unloading flap and screen separator, which can operate easily.
  2. This selector gear can separate media and work piece independently, which could save the cost and the working time.

# 三次元振動研磨機 VB-B型

## 3-DIMENSIONAL VIBRATORY FINISHING MACHINES



### 特點 PURPOSE

1. 本機台之振動幅度及翻轉力較強，切削力高。
  2. 適用於各種金屬、塑膠等之表面磨光、倒角、去除毛邊、除銹、粗磨光、精密磨光、光澤打光等作業。
1. This machine has stronger vibration and turning on work piece, higher sharpening.
  2. Suitable for deburring, polishing, grinding, brightening, cleaning, scale removal and flash removal of any kinds of metallic, plastic, ceramics and wooden materials.



# 三次元甕型振動研磨機 VB-D型

## 3-DIMENSIONAL VIBRIATORY BOWL TYPE MACHINES



### 特點 PURPOSE

1. 本機台的甕型結構加強研磨槽內螺旋型翻滾，適用於各種金屬精緻拋光。
  2. 對於不銹鋼、鋁合金等金屬產品，研磨效果佳，不易有撞痕及斑點。
1. This machine's bowl type structure has increased the barrel to roll over helically, which is suitable for fine polishing.
  2. This machine is suitable for aluminum, aluminum alloy and any kinds of metallic, non-metallic materials polishing, brightening with great finishing effect. The work piece won't have any imprint of beating or spot.

# 三次元針心振動研磨拋光機 VB-E型

## 3-DIMENSIONAL VIBRATORY SMALL CENTRAL BARREL MACHINES



### 特點 PURPOSE

1. 容量比原有機型增加了140%，且研磨槽加大，可研磨較大之工件。
  2. 完全消除中心圓周與工件之間撞擊力，減少工件之變形，撞擊或斑點。
1. The finishing capacity and space is bigger than other kinds of machines. The Capacity has increase to 140%, and the barrel has increase, which can grind bigger work pieces.
  2. This machine has eliminate collision between center circumference and work pieces, which could reduce the work pieces' shape change, imprint of beating or spot.



## 三次元螺旋型振動研磨機 VB-SA型

### 3-DIMENSIONAL HELICAL VIBRATORY FINISHING MACHINES WITH AUTO SELECTOR



#### 特點 PURPOSE

1. 螺旋型的甕型結構與選料結合為一。
  2. 適用於金屬表面軟質，或呈現扁平狀之金屬工件。研磨速度較快，工作物件之光滑度較佳。
1. This machine has combine helical bowl type structure together with selector gear.
  2. This machine is suitable for metallic soft surface or metal shows flat shape.  
The grinding speed is faster which give more efficient in the work piece surface.

## 三次元振動研磨機—加裝環保隔音蓋

### 3-DIMENSIONAL HELICAL VIBRATORY FINISHING MACHINES WITH SOUNDPROOF-COVER



#### 特點 PURPOSE

1. 此為加裝隔音蓋之特殊機台，其特點為降低機台作業時，所產生噪音。
  2. 隔音蓋的上升與下降，均由氣壓控制，完全不費力。
1. This type of machine equipped with patent soundproof-cover efficiently isolates the noise.
  2. This soundproof-cover's rise or decline is controlled by air pressure, which could save labor to open the soundproof-cover.



# 高效率極壓臥式振動研磨機

## HIGH EFFICIENCY HORIZONTAL VIBRATORY FINISHING MACHINES

### 用途 GENERAL

適用於門飾配件，衛浴配件，五金零件，餐用刀具，軸承零件，自行車零件，自行車車架，摩托車零件，汽車零件，塑膠射出或成型工作，通訊器材，電子器材.....等配件。

Suitable for door parts, bath parts, hardware parts, bicycle parts, bike frames, motor and car parts, communication equipments, electronic equipments, etc.

### 特點 PURPOSE

1. 佔地面積小，容量大，操作簡單。
  2. 刀削力強，研磨力均勻。
  3. 具高頻振動率與各方向之規則運動。
  4. 適用大型工件，如長軸，或盤型工件。
1. Less Occupation, large capacity, easy operation.
  2. High shear force and smooth abrasion.
  3. High vibration rate and rule multi-direction motion.
  4. Available for large, long size and plate shaped parts.



機型 MODEL	容量 VOLUME	馬達 MOTOR	桶徑 (MM) BARREL DIMENSION	機械主體尺寸 DIMENSIONS L × W × H(mm)	重量 WEIGHT MASS
TCC-700	700L	12	900 × 750	1520 × 1400 × 1450	1300KGS
TCC-1000	1000L	15	1100 × 750	1810 × 1400 × 1450	1500KGS

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If the dimensions of machines could be modified, we won't inform you again.



# 可傾式高速倒角機 TC-3800

## INCLINING HIGH SPEED FILM REMOVAL MACHINES TC - 3800

### 用途 GENERAL:

1. 針對各種金屬工件，可快速去除毛邊，倒角，除黑膜。
2. 高碳鋼，合金鋼，碳化鎢，橡膠製品(O型環)，等較硬金屬，均能處理。
1. Suitable for almost any kinds of metal working parts for film removal, deburring of casting parts and degreasing.
2. This can grind hard metal such as carbon steel, alloy steel, tungsten carbide, etc..

### 特點 PURPOSE:

1. 適合小工件，及高精密等研磨作業。
2. 切削力強，研磨力均勻。
3. 其內槽可以傾倒，及全自動排料，可省不必要的人力。
4. 可倒角，與拋光研磨。
1. Suitable for small working parts and high precision parts and others to continuous grinding operation.
2. Powerful shear force and equivalence grinding force.
3. The internal chamber can be toppled and fully auto eject, will help you to reduce the unnecessary manpower.
4. This can use for debarring, polishing and grinding.



機型 MODEL	重量 WEIGHT MASS	桶容量 VOLUME	充填量 FILLING	機械主體尺寸 DIMENSIONS L x W x H(mm)
TC-3800-50L	435KGS	50L	50LX60%	1200 x 800 x 1500
TC-3800-150L	1000KGS	150L	150LX60%	1700 x 1100 x 1800
TC-3800-350L	1800KGS	350L	350LX60%	2100 x 1700 x 2300

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# 遠心高速強力研磨機 TC-1000

## POWERFUL HIGH SPEED CENTRIFUGIAL GRINDING MACHINES TC-1000

### 用途 GENERAL

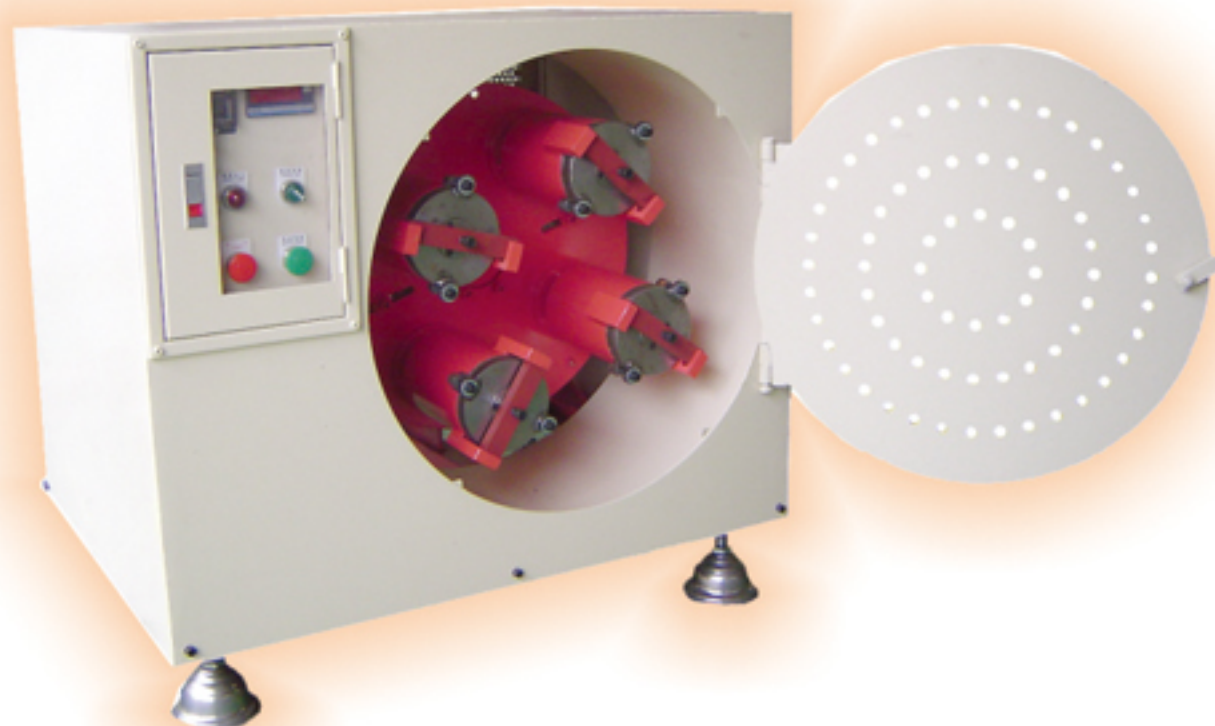
1. 適用於小零件及費人力加工物之研磨。
2. 研磨工件需要有精確尺寸及熱處理膜、去黑膜、去黑頭、倒角、表面精鑄造工件磨光之用。

1. Suitable for polishing the small piece parts.
2. Especial finished parts need precision and have size heat treat film available for film removal, deburring of casting parts.

### 特點 PURPOSE

1. 使用壽命長，機械效率高。
2. 切削力強，且研磨力均勻。
3. 省時省力，操作簡便，不需熟練專人操作，無噪音，可日夜作業。
4. 研磨不易變形。

1. Long lasting, high efficiency.
2. High grinding force and smooth abrasion.
3. Saving working time and manpower, no expert worker necessary, available for continuous processing.
4. Won't change shapes of the working parts.



機型 MODEL	重量 WEIGHT MASS	桶容量 VOLUME	充填量 FILLING	機械主體尺寸 DIMENSIONS L×W×H(mm)
TC-1000-8L	400KGS	2LX4	8LX60%	1050 × 850 × 900
TC-1000-10L	450KGS	2.5LX4	10LX60%	1050 × 850 × 900

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# 遠心高速強力研磨機 TC-3600

## POWERFUL HIGH SPEED CENTRIFUGIAL GRINDING MACHINES TC-3600

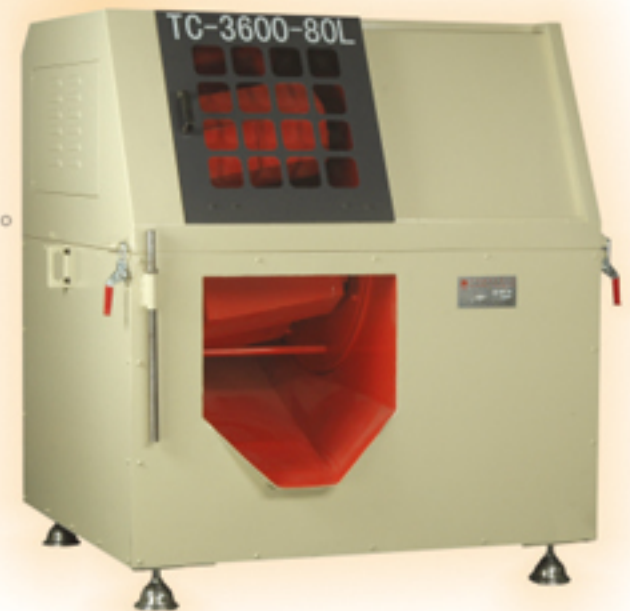
### 用途 GENERAL

1. 適用於小零件及費人力加工物之研磨。
  2. 研磨工件需要有精確尺寸及熱處理膜、去黑膜、去黑頭、倒角、表面精鑄造工件磨光之用。
1. Suitable for polishing the small piece parts.
  2. Especial finished parts need precision and have size heat treat film available for film removal, deburring of casting parts.



### 特點 PURPOSE

1. 使用壽命長，機械效率高。
  2. 切削力強，且研磨力均勻。
  3. 省時省力，操作簡便，不需熟練專人操作，無噪音，可日夜作業。
  4. 研磨不易變形。
  5. 自轉及公轉都經過精心設計，以電子操作正逆轉，附煞車馬達。
  6. 改進傳統人力轉動，費時費力，操作容易。
1. Long lasting, high efficiency.
  2. High grinding force and smooth abrasion.
  3. Saving working time and manpower, no expert worker necessary, available for continuous processing.
  4. Not easily out of shape.
  5. The rotation and revolution are now well designed as using the electronic controller to support forward and reverse running and also included a break motor.
  6. The tradition manpower rotate portion is now improved as much time saving and less manpower, and also easy to handle.



機型 MODEL	重量 WEIGHT	桶容量 VOLUME	充填量 FILLING	機械尺寸 DIMENSION L × W × H(mm)	馬力 MOTOR
TC-3600- 20L	900KGS	20L	20L × 80%	1400 × 1250 × 1500	5HP
TC-3600- 40L	1050KGS	40L	40L × 80%	1400 × 1250 × 1500	5HP
TC-3600- 60L	1150KGS	60L	60L × 80%	1500 × 1300 × 1600	7.5HP
TC-3600- 80L	1300KGS	80L	80L × 80%	1500 × 1300 × 1600	10HP
TC-3600-160L	2300KGS	160L	160L × 80%	1720 × 1430 × 2100	15HP

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# 六角、八角迴轉研磨機

## HEXAGONAL , OCTAGON BARREL MACHINES

### 用途 GENERAL

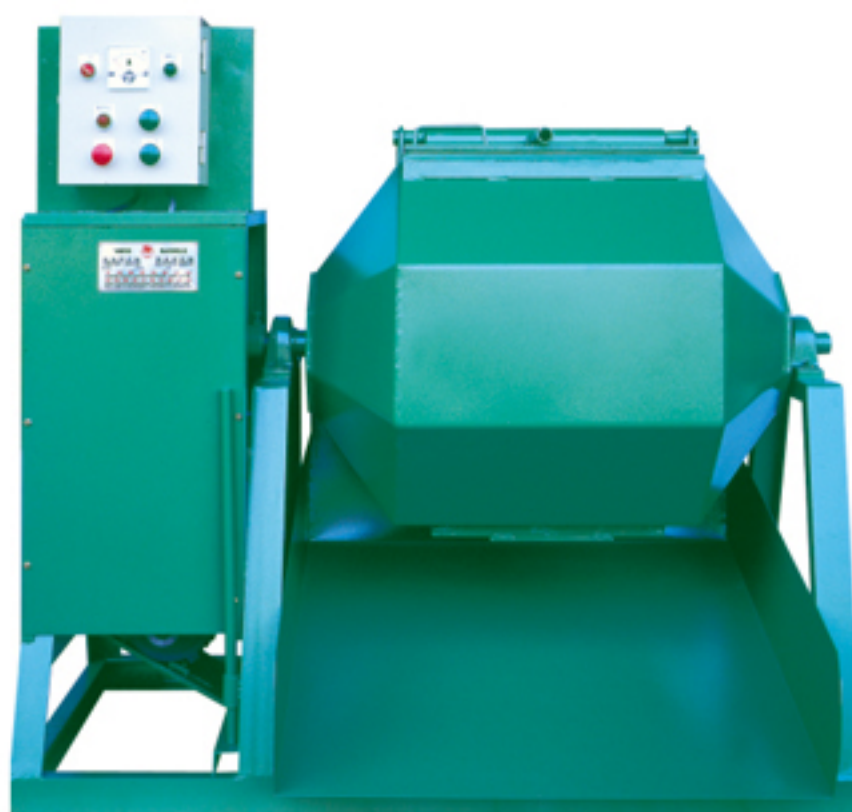
1. 適用於鍛造鑄造翻沙之工作物須有強大切削力。
2. 研磨工作需要去黑膜黑頭及細磨倒角拋光之用。

1. Suitable for forging and casting parts, which need strong abrasive force.
2. To remove black points and film, and grind the edges of parts.

### 特點 PURPOSE

1. 採用水平式迴轉桶，桶內分有、無披覆內襯，其功能就不同，內桶披覆橡膠其內襯，可耐酸鹼、耐磨，又可防止工件碰損。
2. 桶內無披覆內襯，適合鋼珠或鋼鐵製品，因可加強切削力，促其更大效果。
3. 桶身可任意迴轉，有適當的斜度，所以下料簡單方便。
4. 為研磨機系列中，最簡單、方便的機型，適合加工，並最符合經濟的機械購置成本。

1. Use horizontal rotary barrels, the tub have with or without inside liner, can resist acid, alkali, abrading and eliminate the impingement.
2. The tub without liner suits for steel ball or iron and steel, can add strong abrasive force.
3. The machine has the appropriate angle to discharge parts easily.
4. It is simple and convenient to process parts and has economical and cheaper cost.



機型 MODEL	容量 VOLUME	充填量 FILLING	馬達 MOTOR	桶徑 BARREL DIMENSION	機械尺寸 DIMENSION L × W × H(mm)	重量 WEIGHT
EBM-150	150 L	75 L	1 HP	530 × 760	2425 × 760 × 1365	300KGS
EBM-200	200 L	100 L	1 HP	570 × 850	2455 × 760 × 1365	350KGS
EBM-300	300 L	150 L	2 HP	730 × 850	2485 × 910 × 1365	500KGS
EBM-500	500 L	250 L	5 HP	810 × 970	2790 × 1060 × 1600	1100KGS
SBM-150	150 L	75 L	1 HP	450 × 750	2365 × 760 × 1365	300KGS
SBM-200	200 L	100 L	1 HP	510 × 750	2365 × 760 × 1365	350KGS
SBM-300	300 L	175 L	3 HP	630 × 900	2790 × 910 × 1600	550KGS
SBM-500	500 L	250 L	5 HP	750 × 900	2790 × 910 × 1600	1100KGS

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# 自動排料式脫水機

## AUTO DISCHARGE TYPE DEHYDRATION DRYER MACHINES

### 用途 GENERAL

1. 適用於各種金屬零件經研磨，油洗，水洗或浸防鏽液後之脫水烘乾用。
2. 各電鍍廠及研磨加工廠，烘乾用必備機器。
1. Suitable for dehydration and drying, after metal spare parts are grinded or dipped in oil, water or anti-rust liquid.
2. A machine necessary for dehydrator for electroplating works and grinding works.

### 特點 PURPOSE

1. 具有無段變速及慢速啟動裝置，可免成品之損傷。
2. 脫水同時進行，無水漬及污點出現，提高成品光澤度及品質。
3. 乾燥迅速，塗膜平均，且可回收各種不同之防鏽液或油液。
4. 本機可以直接腳踏下料，不須提起脫水籃。
5. 工作物脫水完後，自動排出，不必像傳統式拿起籃子。
1. With step less speed change and low-speed start-up device can avoid products from being damage.
2. Simultaneous dehydration and drying process cause no watermarks and dots appearing on the face thus raising the brightness and the quality of the products.
3. It is not only dry quickly but also can reclaim various antirust liquids or oil in addition to the advantages.
4. The working parts are removed by just one step foot to drop out from below, which will much time saving as to carry it out from above.
5. The working parts will be auto discharged after dehydration. This will be saving manpower where as tradition one request workers to the baskets.



機型 MODEL	機械尺寸 DIMENSION L × W × H(mm)	重量 WEIGHT	容量 VOLUME	馬力 MOTOR	內桶尺寸 BARREL SIZE	內桶高度 BARREL HEIGHT	轉速. R.P.M.
AD-510	1220 × 920 × 920	450KGS	42L × 60%	3HP	510	280	950
AD-560	1220 × 1050 × 970	500KGS	58L × 60%	5HP	560	300	900
AD-640	1600 × 1550 × 1350	865KGS	68L × 60%	10HP	635	305	700

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## 遠心分離機 EXTRACTOR MACHINES

機型 MODEL	桶容量 VOLUME	內桶尺寸 BARREL SIZE	轉速. R.P.M.	馬力 MOTOR
DTC-20	42 L	20" × 11"	1500R.P.M.	1/2 HP
DTC-22	58 L	22" × 12"	1400R.P.M.	1 HP
DTC-25	78 L	25" × 13"	1300R.P.M.	3 HP
DTC-30	140 L	30" × 14"	1200R.P.M.	5 HP
DTC-36	220 L	36" × 15"	1100R.P.M.	10 HP
DTC-42	350 L	42" × 17"	900R.P.M.	15 HP

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# 工業用脫水高速烘乾機

## INDUSTRIAL HIGH SPEED DEHYDRATION DRYER MACHINES

### 用途 GENERAL

1. 適用於各種金屬零件經研磨，油洗，水洗或浸防鏽液後之脫水烘乾用。
2. 各電鍍廠及研磨加工廠，車床加工廠，電子零件廠及食品加工廠，處理脫水，脫油，烘乾用之必備機械。

1. Suitable for dehydrating and drying after metal spare parts are grinded or dipped in oil, water or anti-rust liquid.
2. A machine necessary for dehydrator for electroplating works and grinding works.



### 特點 PURPOSE

1. 具有無段變速及慢速啟動裝置可免成品之損傷。
2. 脫水與烘乾同時進行，無水及污點出現，提高成品光澤度及品質。
3. 乾燥迅速，塗膜平均，且可回收各種不同之防鏽液或油液。

1. With step less speed change and low-speed start-up device can avoid products from being damage.
2. Simultaneous dehydration and drying process causes no watermarks and dots appearing on the faces, thus raising the brightness and the quality of the products.
3. It is not only dries quickly but also can reclaim various anti-rust liquids or oil in addition to the advantages.

機型 MODEL	瓦特 WATT	機械尺寸 DIMENSION L × W × H(mm)	重量 WEIGHT	容量 VOLUME	馬力 MOTOR	內桶尺寸 BARREL SIZE	內桶高度 BARREL HEIGHT
D-365	0.75kw	970 × 670 × 880	220KGS	25L × 60%	1HP	360mm	250mm
D-400	0.75kw	970 × 670 × 880	250KGS	40L × 60%	1HP	395mm	320mm
D-510	1.5kw	1140 × 900 × 990	305KGS	65L × 60%	2HP	505mm	350mm
D-605	2.25kw	1130 × 1000 × 870	350KGS	96L × 60%	3HP	600mm	360mm
D-630	3.75kw	1150 × 1000 × 900	450KGS	130L × 60%	5HP	630mm	440mm
D-800	3.75kw	1650 × 1200 × 1100	550KGS	200L × 60%	5HP	800mm	400mm

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# 篩粉機

## VIBRO-ENERGY SEPARATOR FILTER MACHINES

### 用途 GENERAL

利用振動原理篩孔網目，可將多種不同顆粒精準的篩分。

Use Vibrate principle separator's net pore could separate different kind of particle correctly.

### 適用於 SUITABLE

藥品工業，油漆工業，水泥工業，油墨工業，食品工業，罐頭及食品，包裝工業，造紙工業，橡膠工業，研磨工業，大麥工業，化學工業，除污工業，塑膠工業等。

Medicine industry, painting industry, concrete industry, printing ink industry, food and can industry, packing industry, paper manufacturing industry, rubber industry, abrasive industry, barley industry, chemistry industry, plastic industry...



機型 MODEL	馬力 MOTOR	篩面有效直徑 DIAMETER OF SIEVE SURFACE	體積 (m/m) DIMENSION	金網層數 NO. Decks	說明 EXPLANATION
TC-450	1/2 HP	477m/m	500 × 500 × 600	1	機座材質為 SS41。 Machine frame is made from SS41.
TC-450S					機座材質為不鏽鋼。 Machine frame is made from stainless.

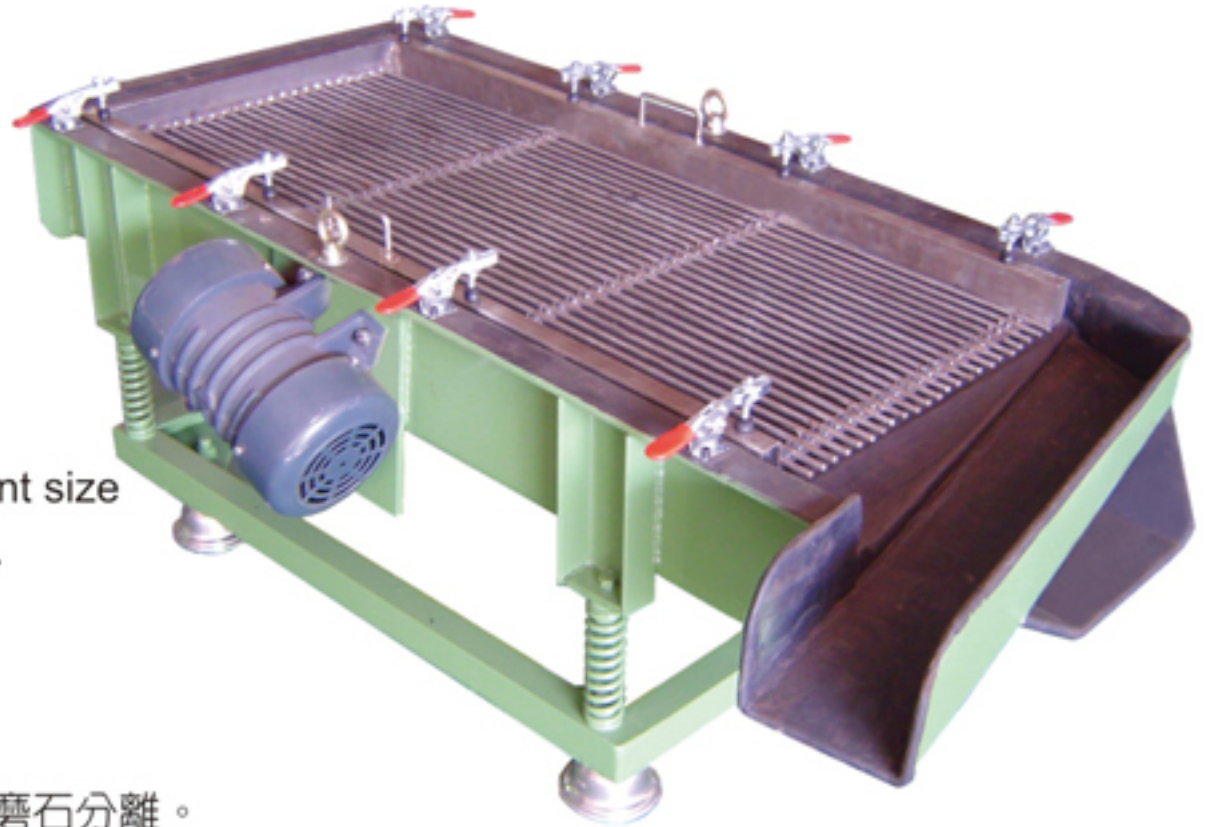
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# 篩選機

## VIBRATORY SEPARATOR FILTER MACHINES



### 用途 GENERAL

把不同尺寸的物件與研磨石分離。

This machine can separate different size of work parts and abrasive stones.

### 特點 PURPOSE

單層 - 可把經過篩選網的工件與研磨石分離。

三層 - 利用振動原理讓物件與研磨石，在翻滾時分離，利於分離大小差異相近較難分的工件物。

**SINGLE DECK** - The single deck can separate work parts and abrasive stones, which has through net.

**THREE DECKS** - Use vibrate to let work parts and abrasive stones separate while rolling. This is best to separate the size of work parts, which is close by.

### 單層 SINGLE DECK

機型 MODEL	適容量 VOLUME	馬達 MOTOR	橡膠厚度 (m/m) RUBBER THICKNESS	機械主體尺寸 (m/m) MACHINE SIZE	機械重量 (KG) WEIGHT
VSF-1	50~700L	0.375 × 2	3	1800 × 720 × 620	240

尺寸若有修改，不另行通知

If the dimensions of machines could be modified, we won't inform you again.

### 三層 THREE DECKS

機型 MODEL	適容量 VOLUME	馬達 MOTOR	橡膠厚度 (m/m) RUBBER THICKNESS	機械主體尺寸 (m/m) MACHINE SIZE	機械重量 (KG) WEIGHT
VSF-3	50~700L	0.375 × 2	3	1800 × 720 × 620	270

尺寸若有修改，不另行通知

If the dimensions of machines could be modified, we won't inform you again.

# 篩網尺寸可依工作物，研磨石的大小訂作裝配。

# We can make separator net according to customer's working parts.