



Material Handling Equipment for Mix and Pulverize

混合與磨粉設備

TwinScrew

The Pioneer of Twin-Screw Extruders

Material Handling-mixer

混合機系列

Semi-automatic Conveying System

混合機—半自動輸送系統

FEATURES

In addition to storing barrel for vacuum packages and storage function, this unit automatically handles powder package conveying, featuring easy operation, and avoiding the need to carry and add raw material at mixer operation platform. It also prevents dust leakage, saves labor and time, and helps reduce processing cost. An environment-friendly and economic conveyor system that can increase the productivity by 30%, this is the ideal model for the plastic industry.

特性

適用於各種小包裝太空包粉體輸送，入料輕鬆，不用將原料搬到混合機架台上面加料，粉塵不外洩，有儲料功能，節省人力、時間，降低成本，提高產量30%，是一套既環保又經濟的輸送系統，並深受塑膠業界愛用。



計量器
Scale

TW-HV 圓筒水平式攪拌機
TW-HV Horizontal Cooling Mixer



Germany Imported Group Plated Filters
德國進口群板式過濾器



Abrasion-proof Blades (Optional)
Bottom Thickness 20 mm
SKD-11 耐磨刀具 (選購品)
底部厚度 20 mm

中間桶
Vacuum Hopper

TW-F 高速混合機
TW-F High Speed Mixer

TW-MB 直立式冷卻攪拌機
TW-MB Vertical Cooling Mixer

小包人工入料槽
Small Bag Feeding
Storage Tank

齒式鼓風機
Roots Blower



Mixer

混合機系列



High Speed Mixer

高速混合機

FEATURES

- High quality, high efficiency, uniform mixing and good dispersion.
- Big volume, big capacity, high speed mixing and cooling.
- Easy to maintain, easy to operate, high safety, save more electricity and labor cost.

特性

品質好、效率高、混合均勻、分散性佳的特點。
清潔簡單方便、容量大、混合與冷卻攪拌快速。
操作簡單、維護保養簡易且成本低。



TW-HV Horizontal Cooling Mixer

臥式冷卻攪拌機

FEATURES

Vertical installation of motor & reducer saves space; Adopts fixed rev. speed AC motor drive suitable for general material mixing. Two sides of mechanical seal adopts compressed air purge seal design.

特性

傳動馬達與減速機採立式斜置方式節省空間；採用固定轉速AC馬達與減速機驅動，適用於一般物料混合。兩端軸封採壓縮空氣清淨設計。



Internal Mixing Blade
攪拌機內部刀葉



TW-F Type High Speed Mixer

高速混合機

FEATURES

CL-FA: Adopts fixed rev. speed AC motor drive suitable for general material mixing.
CL-FB: Adopts pole change 2 step speed AC motor drive suitable for large volume material mixing.

特性

TW-FA: 採用固定轉速AC馬達驅動，使用於一般物料混合。
TW-FB: 採用兩段速度變極AC馬達驅動，適於量大之物料混合，物料混合均勻。



4-layer Abrasion-proof Blades
4層耐磨刀具



TW-M Type Vertical Cooling Mixer

立式冷卻攪拌機



MB Type Inner Plate Water Guiding to Enlarge Cooling Area. (Standard)

MB型內部導流通水板
加大冷卻面積用(標準)

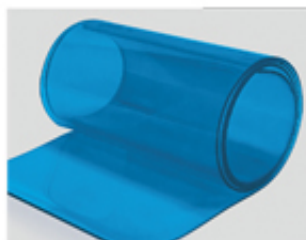


Insulation Layer(Optional)
保溫保冷層(選購品)

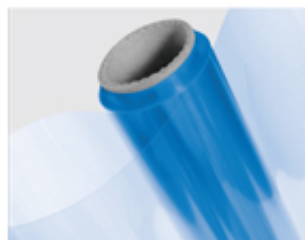
Mixer

混合機系列

Final Products 成品圖



Hard PVC Sheet
硬質膠布



Soft PVC Sheet
軟質膠布



Saran Wrap
保鮮膜

TW-HV Specifications 規格

Model 型式	Tank Capacity 全容量	Power 主機動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-HV1000	1000 L	20HP - 4P	2600x1020x1750 mm	1500 kg
TW-HV1500	1500 L	20HP - 4P	2150x1200x2650 mm	2850 kg
TW-HV2500	2500 L	30HP - 4P	2300x1450x3500 mm	3250 kg
TW-HV3500	3500 L	40HP - 4P	2500x1550x3600 mm	3500 kg
TW-HV5000	5000 L	60HP - 4P	4000x2500x2200 mm	5500 kg

* This chart is only for reference. The actual design will be determined upon customer's request.

* 本表僅供參考，實際依顧客需求設計而定。

TW-FC Specifications 規格

Model 型式	Tank Capacity 全容量	Feeding Capacity 物料入量	Mixing Weight 混合重量	Power 動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-FC10	15 L	5-7 L	3-5 kg	10HP INVERTER	1200x400x1000 mm	200 kg
TW-FC25	28 L	10-15 L	5-8 kg	10HP INVERTER	1500x500x1200 mm	350 kg
TW-FC50	55 L	25-30 L	20 kg	20HP INVERTER	1650x620x1300 mm	700 kg
TW-FC100	130 L	60-70 L	40 kg	30HP INVERTER	1800x750x1600 mm	1300 kg
TW-FC200	250 L	120-150 L	75 kg	50HP INVERTER	2300x900x1900 mm	1800 kg
TW-FC300	350 L	180-230 L	120 kg	75HP INVERTER	2700x1100x2200 mm	2500 kg
TW-FC400	420 L	230-300 L	150 kg	100HP INVERTER	2800x1200x2300 mm	3400 kg
TW-FC500	550 L	300-360 L	180 kg	100HP INVERTER	2800x1200x2300 mm	3600 kg
TW-FC750	800 L	450-540 L	270 kg	150HP INVERTER	3300x1350x2450 mm	4300 kg
TW-FC1000	1050 L	600-720 L	360 kg	200HP INVERTER	3760x1600x2600 mm	5600 kg
TW-FC1200	1200 L	700-900 L	420 kg	250HP INVERTER	3850x1700x2450 mm	6000 kg
TW-FC1500	1500 L	900-1050 L	530 kg	300HP INVERTER	3850x1700x3010 mm	6500 kg

* Compound weight depends on materials

* 混合重量視物料而定。

TW-M Specifications 規格

Model 型式	Tank Capacity 全容量	Feeding Capacity 物料入量	Mixing Weight 混合重量	Power 動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-MB400	400 L	150-300 L	150 kg	20HP - 4P	1850x1050x1600 mm	1200 kg
TW-MB600	600 L	200-400 L	240 kg	25HP - 4P	2050x1300x1750 mm	1500 kg
TW-MB1000	1000 L	350-700 L	360 kg	30HP - 4P	2450x1600x1900 mm	2500 kg
TW-MB1500	1500 L	600-1000 L	540 kg	40HP - 4P	2600x1800x2000 mm	3000 kg
TW-MB2000	2000 L	800-1400 L	720 kg	50HP - 4P	2800x1900x2100 mm	4000 kg
TW-MB3000	3000 L	1400-2100 L	1080 kg	60HP - 4P	3500x2100x2200 mm	4500 kg
TW-MB3500	3500 L	1800-2450 L	1225 kg	60HP - 4P	3500x2100x2200 mm	4800 kg

* Compound weight depends on materials

* 混合重量視物料而定。

Pulverizer

磨粉機系列



TW-GJ Specifications 規格

Model 型式	Power 主機動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-GJ450	30HP · 4P	13500x850x1045 mm	1000 kg
TW-GJ600	40HP · 4P	1585x910x12000 mm	1200 kg

GJ Type Hammering Pulverizer

錘擺式磨粉機

FEATURES

This machine is suitable for various types of material pulverizing, including false lumps, fiberglass, ceramics figuline, calcium hydroxide, ABS resins, silicon resins, carbon fiber, activated carbon, fine sugar, soy bean powder, rice & grain hulls, calcined oyster shell, etc.

特性

本機適用多種原料磨粉作業，如假性結塊、玻璃纖維、陶瓷、陶土、熟石灰、ABS樹脂、矽膠樹脂、破纖維、活性炭、細糖、大豆粉、米麥穀類、鍛燒牡蠣殼等等的磨成粉狀。



The Main Unit of Pulverizer
磨粉主機



Inner Mixing Blade
內部刀葉圖

GR Type Complete Installation of Rotating Pulverizer

旋轉式磨粉機整套設備

FEATURES

This machine is suitable for pulverizing various materials such as acrylic, PU shoe soles, ABS plastics, wood, grains, minerals, clay, powder metallurgy, etc., into powder.

特性

本機適用多種原料，如：壓克力、鞋底、塑膠、木材、穀類、礦物、陶土的研磨成粉狀。



The Main Unit of Pulverizer
磨粉主機



Inner Mixing Blade
內部刀葉圖



TW-GR Specifications 規格

Model 型式	Power 主機動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-GR450	60HP · 4P	1800x1000x1450 mm	1200 kg
TW-GR600	100HP · 4P	1950x1100x1550 mm	1500 kg
TW-GR800	150HP · 4P	2150x1300x1800 mm	1950 kg

Pulverizer

磨粉機系列



TW-G Specifications 規格

Model 型式	Power 主機動力	Machine Size 機械尺寸	Machine Weight 機械重量
TW-G300	40HP	1650x900x1300 mm	950 kg
TW-G450	60HP	1800x1000x1450 mm	1200 kg
TW-G600	100HP	1950x1100x1550 mm	1500 kg
TW-G800	175HP	2150x1300x1800 mm	1950 kg

G Type Complete Installation of Pulverizer

磨粉機整套設備

FEATURES

Suitable Materials: HDPE, LDPE, flexible/rigid PVC, polypropylene, polystyrene, polyamide, polyester, copolymers, fluoropolymers and sythetic rubber, etc.

Pulverized Range: 0.1 mm to 2 mm quality powder for best flow with a specially developed disc mill.

特性

適用產品範圍：高/低聚乙烯、軟/硬質PVC、聚丙烯、聚苯乙烯、聚酰胺、聚酯、共聚物、含氟聚合物、各式聚合物、人造橡膠及其他。

磨粉尺寸：從0.1 mm至2 mm性質極佳流暢之粉末。



The Main Unit of Pulverizer
磨粉主機



Inner Mixing Blade
內部刀葉圖



PET Recycle Material
PET回收廢料



Complete Installation of Pulverizer Series

環保回收磨粉機整套設備

FEATURES

This pulverizer is suitable for many materials; for example: plastic pipe, plastic cloth, computer boards, golf balls, etc.

特性

本機適用於多種回收料的粉碎，如：塑膠管、塑膠布、電腦機板、高爾夫球等。



Rotomoulding Products
滾塑成品



Pulverizer

粉碎、磨粉整線設備



Processing of PVC & Wood From Crushing to Pulverizing
PVC+木粉料從粉碎到磨粉一貫作業流程

Smashing, Pulverizing Entire Wrap Flow Equipment

粉碎、磨粉機成套設備

FEATURES

Suitable Materials: HDPE, LDPE, flexible/rigid PVC, polypropylene, polystyrene, polyamide, polyester, copolymers, fluoropolymers, and synthetic rubber etc.

Pulverized Range: 0.1 mm to 2 mm quality powder for best flow with a specially designed disc mill.

特性

適用產品範圍：高/低聚乙烯、軟/硬質PVC、聚丙烯、聚苯乙烯、聚酰胺、聚酯、共聚物、含氟聚合物、各式聚合物、人造橡膠及其他。

磨粉尺寸：從0.1 mm至2 mm性質極佳流暢之粉末。

Wooden Sawdust
木材



Crushed
粉碎後



Pulverized
磨粉後

成品儲料桶
Storing Tank for Final Products

袋濾桶
Bag Filter Tank

立式儲料桶
Vertical Storage Hopper

粉碎機
Crusher

鼓風機
Blower

彈簧螺旋送機
Spring Type Screw Conveyor

活動式卸料台車
Material Loader

冷凍機
Water Cooler

磨粉主機
The Main Unit of Pulverizer

TwinScrew

振法機械廠股份有限公司
Twin Screw Industrial Co., Ltd.

744台南市新市區大營里340號
No. 340, Daying, Xinshi Dist.,
Tainan City 744, Taiwan
Tel: +886-6-5014056 (Rep)
Fax: +886-6-5013805
E-mail: twisic@ms37.hinet.net

www.twisic.com