

全球首創磨粉技術

磨粉輸送生產線



World-innovative Pulverizing Technology!

Pulverizing Conveying Production Line

GREMA MACHINERY CO., LTD.

World-class Pulverizing Machine

世界級磨粉機

為什麼新巨磨粉機是世界頂級機種？

Grema Pulverizing Machine Has World-top Performance.
HERE'S WHY?

1. Exclusive design and performance through five years of dedicated research and improvement.
2. Patented in several countries such as Germany, Japan, Taiwan and China.
3. Throughput is in top position in the world.
4. Exclusive two layers combination blades in the world to double the processing speed.
5. Advanced plate type filtrating element allows for filtrating 10 μ m extra fine particle with exceptionally long service life.
6. Complete negative-pressure powder conveyer system eliminates powder splash problem.
7. PLC control combined with touch-sensing screen for maximum operational convenience with comprehensive operational safety.
1. 歷經多年專注研發改良,設計性能獨一無二
2. 榮獲德國、日本、台灣、中國等多國專利
3. 產能居於全球領先地位
4. 世界首創雙鋒組合式刀片,流程速度快一倍
5. 先進板式濾材10 μ m極細微粉塵,使用壽命超長
6. 全負壓式粉體輸送流程,無粉塵外溢問題
7. PLC控制配合觸控式螢幕,操控簡單,安全防護周密

Multi-nations' Patent Numbers:

- Germany: Nr. 20 2008 009581.6
- Japan: 3144777
- Taiwan: M328370
- China: ZL 200720009333.6

多國專利號碼:

- 德國: Nr. 20 2008 009581.6
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Patented in Germany, Japan, Taiwan and China etc.
榮獲德國、日本、台灣、中國等多國專利

GP-330





PLC with Touch-sensing Control

PLC人機介面控制

操控簡易！動作順暢！

本機控制系統採用PLC控制，搭配觸控螢幕，使全機操控更簡易。

控制系統具有下列主功能：

- 主機變頻控制(選購)
- 異常顯示
- 傳動軸承溫度顯示
- 動作異常警示燈

The control system employs a PLC controller combined with a touch-sensing screen for maximum convenience of operation.

The control system provides major functions as below:

- Frequency inverter control. (Optional)
- Bearing temperature display
- Malfunction warning light.
- Malfunction display.



World-innovative Two-layer Combination Blades.

Greatly increases processing speed up to two times.

全球首創雙鋒組合式刀片，生產流程速度大幅提升一倍。



GF-600-A3

Negative Pressure Powder and Granule Conveying Filtrating Tank

- The powder filtration device is a negative-pressure design that effectively prevents powder splash, resulting in environmental pollution.
- Equipped with advanced plate type filtrating element, allowing for filtrating extra-fine particles.
- Available to fit with 2~4 pieces of filtrating screen.

粉粒體負壓輸送過濾桶

- 負壓式粉塵過濾機，有效防止粉體外洩造成工作環境污染。
- 內置先進板式濾材，可過濾極細微粉塵。
- 內置濾網可放置二~四片。

Newly Designed Plate Type Filtration Element

Filtrate Extra Fine Particle up to $10\mu\text{m}$.

Long Service Life!

Extra Large Filtration Area!

Features of Sintered Plate Type Filtrating Element:

- The filtrating element is sintered from various plasticizing composite materials, featuring maximum durability, wear-resistance, elastic-fatigue resistance and breaking-resistance etc.
- The sectional construction is designed with a combination of honeycomb and concave/convex shape. This special construction offers extra large filtration area with high efficiency.
- The element center has isolating line to prevent powder from bridging, while increasing convenience of reversed cleaning.
- The surfaces of the filtrating element is specially treated, making it suitable for filtrating extra-fine particle.
- Extremely long service life. Normal service life is approximately 2~5 years, which may vary with powder types.
- The plate type filtrating element only occupies about 40% of area of conventional bag-type dust collector.



全新設計板式濾材

專利號碼: M 361379

可過濾 $10\mu\text{m}$ 極細緻粉塵。

Patent Number :
M 361379

壽命長！過濾面積大！

燒結板式濾材特點：

- 採用多種塑化組材料燒結而成，具堅固、耐磨耗、抗彈性疲乏、不易斷裂等特性。
- 斷面結構採蜂巢式與凹凸板面設計，過濾面積超大、高效率。
- 中間有隔離線，有效避免粉體架橋，方便逆洗。
- 濾材表面經特殊處理，可過濾極細微粉塵。
- 超長使用壽命，依粉塵而定，通常壽命約2~5年。
- 板式濾材所佔面積大約為傳統袋式集塵機之40%。



GF-602

Negative Pressure Powder and Granule Conveying Filtrating Tank

- The powder filtration tank is a negative-pressure design that effectively prevents powder splash resulting in environmental pollution.
- Equipped with advanced filtration element, allowing for filtrating extra-fine particle up to $10\mu\text{m}$.

粉粒體負壓輸送過濾箱

- 負壓式粉粒過濾桶，有效防止粉體外洩，避免造成工作環境污染。
- 內置先進板式濾材，可過濾 $10\mu\text{m}$ 極細微粉塵，壽命長過濾面積大。

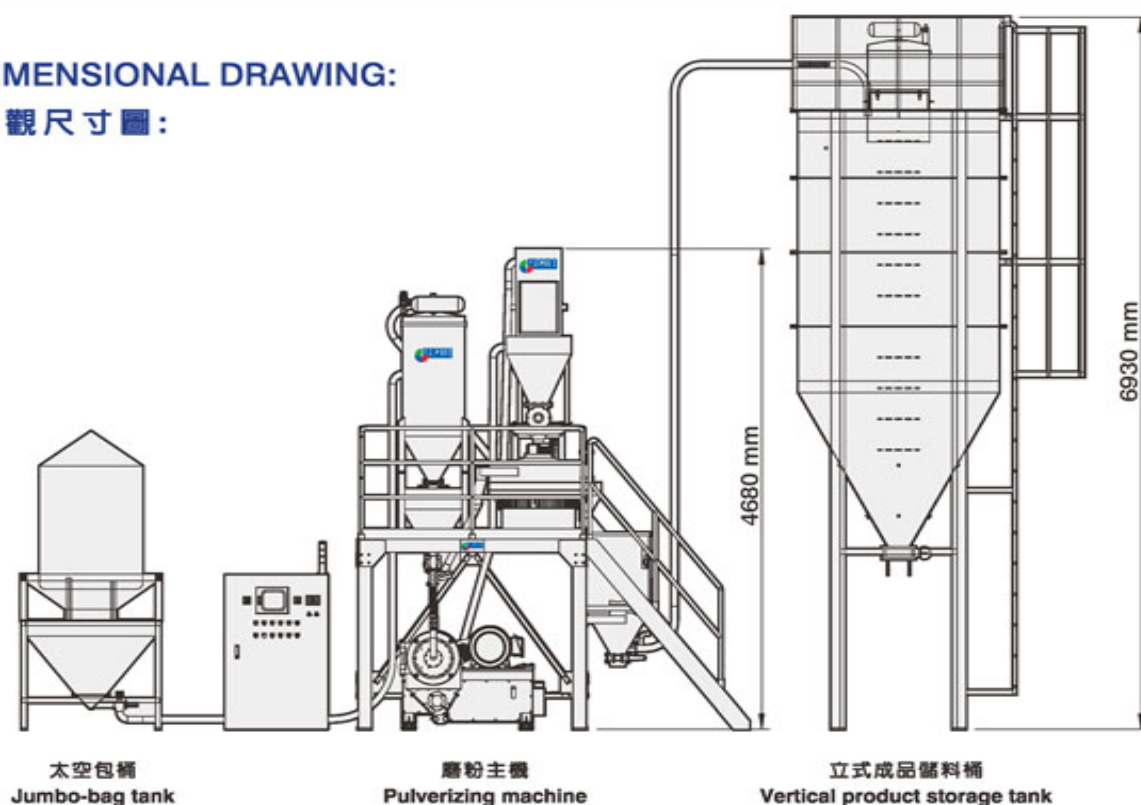
Pulverizing Conveying Line

Grema is capable of designing and manufacturing various pulverizing conveying lines to meet customer's specific requirement. The entire production line is designed with the advanced negative-pressure conveying process, that eliminates powder splash problem.



DIMENSIONAL DRAWING:

外觀尺寸圖:



磨粉輸送流程圖

新巨公司可依客戶需求，設計製造全套磨粉輸送生產線。生產線採用先進的負壓輸送流程設計，可解決粉體外洩問題。



篩選機
Sieving machine



成品儲料桶
Product storage tank



粉粒體負壓輸送過濾桶
(選購)
Negative pressure
powder and granule
conveying filtrating
tank (optional)



立式成品儲料桶(選購)
Vertical product storage
tank (optional)

GP-330 SPECIFICATIONS:

研磨粉粒尺寸	Pulverizing size	100 μ
輸送方式	Conveying type	負壓式 Negative-pressure
磨粉刀材質	Pulverizing blade material	合金鋼 Alloy steel
刀具轉速	Blade speed	5200 RPM
磨粉主機馬力	Motor of pulverizing machine	40 HP
磨粉主機尺寸(長x寬x高)	Dimensions of pulverizing machine (LxWxH)	1450x1200x1120 mm
磨粉主機重量	Weight of pulverizing machine	835 kgs

- Specifications and design characteristics are subject to change without prior notice.
- 由於本公司不斷研發改良，上述規格及設計特性若有變更，恕不另行通知。

可研磨之產品

- 各種塑化原料、食品原料
- ABS, PE, PVC, TPR, LLDPE, POM, UPVC
- 木屑
- 稻米、稻殼
- 黃豆
- 其他產品

APPLICABLE PRODUCTS:

- Various plasticizing materials and food materials
- ABS, PE, PVC, LLDPE, POM, UPVC, TPR
- Wood chips
- Rice and rice shell
- Soybean
- Other products



• PS 顆粒
• PS granules



• PS 磨粉60目
• PS pulverizing 60 mesh



• PVC 發泡顆粒
• PVC foamed granules



• PVC 發泡磨粉
• PVC foam pulverizing



• LDPE 顆粒
• LDPE granules



• LDPE 磨粉60目
• LDPE pulverizing 60 mesh



• EVA 顆粒
• EVA granules



• EVA 磨粉20目
• EVA pulverizing 20 mesh



• PC 顆粒
• PC granules



• PC 磨粉60目
• PC pulverizing 60 mesh



• UBE 顆粒
• UBE granules



• UBE 磨粉
• UBE pulverizing



• PBT 顆粒
• PBT granules



• PBT 磨粉40目
• PBT pulverizing 40 mesh



• 竹子
• Bamboo



• 竹子磨粉80目
• Bamboo pulverizing 80 mesh



• PET 顆粒
• PET granules



• PET 磨粉30目
• PET pulverizing 30 mesh



• 稻殼
• Rice shell



• 稻殼磨粉80目
• Rice shell pulverizing 80 mesh



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