

Turnkey solution for plastic recycling machines

整廠規畫、塑膠造粒的專家

# GEORDING

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破碎、粉碎及周邊設備

**Shredder, Crusher and Ancillary Equipment**



單軸破碎機

Single Shaft Shredder

雙軸破碎機

Twin Shaft Shredder

單螺桿擠乾機

Single Screw Squeezing Drying Machine (Squeezer)

雙螺桿擠乾機 (客製RDF-5)

Twin Screw Squeezing Drying Machine (RDF-5)

臥式攪拌桶 & 立式攪拌桶

Horizontal Mixer & Vertical Mixer

強力粉碎機

Powerful Crusher

## 單軸破碎機

## Single Shaft Shredder

Single-shaft shredder system can be almost universally used to and are able to process a board range of different materials (Woods, copper wire, plastic lump, tire, paper....,etc). Equipped with a ram system that pushes the material against the rotor with the replaceable cutting blade inserts. Easily break large raw materials. Install easy replaced screen defines the desired output size.

· Customized size is acceptable.

可以廣泛地應用並能處理各種不同材料（木材，銅線，塑料塊，輪胎，紙張等）的範圍。設置撞錘系統，將原料推至破碎機已嵌入強化刀具的旋轉軸上，可輕鬆將大型原料破碎，安裝簡單易更換的篩網即可產出所需的尺寸。

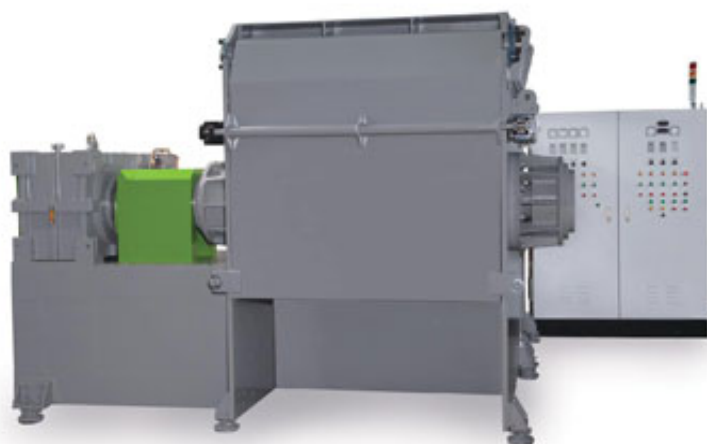
· 我們接受客製尺寸。

Model 機型	Motor Output 傳動馬力	Into Size 入口尺寸
GD-235	10HP-15HP	430x600mm
GD-328	20HP-40HP	610x800mm
GD-390	40HP-75HP	760x1000mm
GD-420	50HP-100HP	760x1200mm
GD-480	75HP-150HP	870x1500mm
GD-520	175HP-350HP	980x1800mm



· Depends material design the blade.

· 可依材料設計刀子的種類。





## 綠能發電，汽電共生 Green Power Generation · Cogeneration

### 第五類廢棄物衍生燃料規劃

#### Refuse derived fuel, RDF-5 production plant.

RDF-5 is to use the wastes, such as urban waste, industrial waste, agricultural waste etc., to go through the technical procedure including shredding, sorting, mixing, and drying to develop the technique of homogeneous fuel producing. It is homogenized, high heating value and easy to pack and to transport. The end product can be the fuel of industrial boiler and heat-power cogeneration boiler.

是將廢棄物，包括都市垃圾、一般事業廢棄物、農業廢棄物等，經過破碎、分選、混合、乾燥等技術製為性質均一燃料的技術，體積大小一致，熱值能高，易於包裝及運輸。生產出來的成品可作為工業鍋爐及汽電共生鍋爐的燃料。



## 雙軸破碎機

## Twin Shaft Shredder

- Design especially for bulky plastic products. Eliminate the disadvantages of traditional high horse power crusher. Also for cracking unusual objects, waste tyres, logs, sleepers etc.
- Customized size is acceptable.
- 使用範圍廣—廢塑料、廢木材、廢輪胎、廢棄電線電纜、廢PC板、廢棄CD光碟片等，各種廢棄物均可使用（鐵金屬除外）。
- 工作量大、噪音低、篩網控制破碎後尺寸。
- 刀片折換式，可多次使用，降低損耗成本。
- 我們接受客製尺寸。

Model 機型	Motor Output 傳動馬力	Into Size 入口尺寸
GD-235	10HP-15HP	430x452mm
		430x602mm
		610x602mm
GD-328	20HP-40HP	610x842mm
		610x1022mm
		760x782mm
GD-390	40HP-75HP	760x962mm
		760x1202mm
		760x782mm
GD-420	50HP-100HP	760x962mm
		760x1202mm
		870x962mm
GD-480	75HP-150HP	870x1202mm
		870x1440mm
		980x1203mm
GD-520	175HP-350HP	980x1503mm
		980x1803mm



- Blade quantity adjustable.
- 刀具數量可調整。





## 單螺桿擠乾機

### Single Screw Squeezing Drying Machine

With a powerful special designed single screw, it is capable to squeeze wet material below 3% moisture (used the Japan KETT moisture test machine to get this result.)

Final product is able to input to extruder directly to pelletize to increase the production.

Maximum capacity: 800kg to 1000kg/ per hour.

憑藉強大特殊設計的單螺桿，單螺桿擠乾機能有效擠乾原料，降低水分至3%以下

(使用日本KETT紅外線水分計得到此數據)

並能夠直接投入造粒機，以增加產量。

最大產量：1000公斤/小時

Model 機型	Motor 馬力	Capacity 產量	Water Content 水含量
RD295	100 HP	500 kg	3%~5%
RD350	100~200 HP	500~1000 kg	3%~5%



## 雙螺桿擠乾機 (客製RDF-5)

### Twin Screw Squeezing Machine (RDF-5)

Specially for running various kind of materials, different from other drying machines from the market, twin screw which will help to make the material in shape and increase the output speed.

- With this machine you can handle waste garbage (paper, carton ... etc.)
- Does not require pretreatment for materials that contain more than 50% of moisture.
- The water content after drying is 3% - 7%.
- The standby time is shorter.
- RDF-5 is easy to store and save space.
- 可處理廢渣垃圾(紙張.....等)
- 原料不須經過處理, 可直接投入水分50%以上的原料。
- 擠壓乾燥後水分僅3%-7%。
- 熱機時間短。
- RDF-5體積小不佔空間。

Screw Dia. 螺桿直徑	Motor 馬力	Capacity 產量	Water Content 水含量
ø 200 x 2pcs	100 HP	400~500 kg/hr	3%~7%
ø 450 x 2pcs	250~300HP	2000~3000 kg/hr	3%~8%



## 臥式攪拌桶

### Horizontal Mixer

· Customized size is acceptable.

· 我們接受客製尺寸。

選配Optional

Model 機型	Capacity 容量	Power 馬力	Actual weight of mixed 實際拌料重量 比重0.7-0.8	Machine Material 機械材質 Black steel - Stainless Steel 黑鐵-白鐵	Heater 電熱器	Work Platform 工作平台 樓梯
H-M400	400 L	5HP	300kg	SS41 SUS304	Optional 選配	Optional 選配
H-M1000	1000 L	10HP	500kg			
H-M2000	2000 L	20HP	1000kg			
H-M3000	3000 L	25HP	1500kg			
H-M5000	5000 L	30HP	2000kg			
H-M15000	15000 L	50-75HP	5000kg			
H-M35000	35000 L	75-125HP	10000kg			



As per client's requirement, has been set a safety stair to let operator give a much easier maintenance. GEORDING helps to customize super huge tank. 依客戶要求製作安全樓梯，便於維修與保養。





## 立式攪拌桶

### Vertical Mixer

- Customized size is acceptable.
- 我們接受客製尺寸。

Capacity  
容量

1500L~5HP

2000L~7.5HP

3000L~30HP

5000L~50HP — 25000L~60HP





## 油壓切斷機

### Hydraulic Cutting Machine

The large-volume materials which are uneasily crushed including plastic material head produced from extruder, the whole rolls of plastic film, wood chunks, etc. The horizontal blade of hydraulic cutting machine owns the property of powerful break and can cut the material apart at one time so that it can follow the procedure afterwards such as crushing. It replaces the expensive crusher and can be an economical method.

· Customized size is acceptable.

不易粉碎的大型體積原料, 如: 押出機產生的料頭, 整卷薄膜料, 木塊……等, 油壓切斷機的橫切刀具有強力的破壞效果, 可將原料一次性的裁切開。以利後續粉碎等作業流程, 替代價格高昂的破碎機, 較經濟的做法。

· 切台尺寸可客製化



## GD-C強力粉碎機 Powerful Crusher

- Easily maintenance with hydraulic opening body for cleaning residue and changing the blades.
- Includes stable energy current system that helps you save energy and with special design on the rotary cutting angle.
- Bearings have been installed outside of the body that enables you to give easy maintenance; the bearings will not be influenced by the temperature of the body, which will increase durability.
- Hopper is able to take in big plastic products, thanks to the rotating diameter that has been considerably increased.
- Application—Plastic bottles, plastic tanks, Drums, appliances covers etc.
- 機體可油壓開啟，清料方便，拆換刀具簡易，提升保養的效率。
- 使用特殊的迴轉刀角度設計加上電流穩定系統，粉碎能力佳且省力。
- 培林安裝於機體外，保養簡便。且不會受到粉碎機溫度影響，延長使用壽命。
- 加大迴轉直徑，料斗可投入較大尺寸原料。
- 應用在塑膠瓶、塑膠桶類、電器外殼等。



Model 機型	Rotary Diameter 迴轉直徑	Into Size 入口尺寸	Motor 馬達	Rotary Cutter 迴轉刀	Stationary Cutter 固定刀	Capacity 工作量
GD-C Ø 500/750	500mm	500x750mm	50~60 HP	12 pcs	6 pcs	600~800
GD-C Ø 500/1000	500mm	500x1000mm	60~75 HP	16 pcs	4 pcs	700~1000
GD-C Ø 500/1200	500mm	500x1200mm	75~100 HP	16 pcs	4 pcs	900~1200
GD-C Ø 600/750	600mm	600x750mm	60~75 HP	12 pcs	6 pcs	800~1000
GD-C Ø 600/1000	600mm	600x1000mm	75~100 HP	16 pcs	4 pcs	900~1200
GD-C Ø 600/1200	600mm	600x1200mm	100~125 HP	16 pcs	4 pcs	1000~1300
GD-C Ø 600/1500	600mm	600x1500mm	125~150 HP	20 pcs	6 pcs	1200~1600
GD-C Ø 800/1000	800mm	800x1000mm	100~125 HP	16 pcs	4 pcs	1200~1500
GD-C Ø 800/1200	800mm	800x1200mm	125~150 HP	16 pcs	6 pcs	1300~1800
GD-C Ø 800/1500	800mm	800x1500mm	150~200 HP	20 pcs	4 pcs	1500~2000



## GD-A強力粉碎機 Powerful Crusher

- The round and hollow frame structure allows big processing volume. The capacity is 3 times more than the average type crushers.
- Huge plastic blocks are not necessary to be pre-sawed and pre-cut to avoid labor cost.
- Well-designed angle cutters enables you to properly monitor and run easily the machine making the output estimable for other process.
- With water cooling system and clearance between cutters makes it easy for heat dissipation that helps reduce damage effect between bearings and machine body.
- The adapted ball bearings provide strong friction resistance, good centering and vibration free.
- 圓形中空機構，容量大且出料快，產量是一般粉碎機的三倍
- 大塊塑料不需先切塊，可直接粉碎，節省人工成本。
- 精心設計的切刀角度，剪力最大，機器運轉時可輕鬆操作。
- 水冷式系統，可減少機身與機身因熱膨脹所產生的應力，以延長機身的使用壽命。
- 滾珠軸承提供強大的摩擦阻力，搭配設計良好的中心點，避免機器運轉時造成的震動。



Model 機型	Rotary Diameter 迴轉直徑	Into Size 入口尺寸	Motor 馬達	Rotary Cutter 迴轉刀	Stationary Cutter 固定刀	Capacity 工作量
GD-A-210	φ200	270x160mm	5 HP	3 pcs	4 pcs	150~300KG
GD-A-212	φ260	315x185mm	7-1/2~10 HP	3 pcs	4 pcs	200~500KG
GD-A-215	φ298	400x240mm	15~20 HP	3 pcs	4 pcs	300~600KG
GD-A-218	φ330	463x274mm	20~25 HP	3 pcs	4 pcs	400~700KG
GD-A-220	φ380	536x286mm	25~30 HP	3 pcs or 6pcs	4 pcs	500~900KG
GD-A-225	φ380	636x290mm	30~50 HP	3 pcs or 6pcs	4 pcs	600~1200KG

# GEORDING

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