

WHOLE PLANT
SERVICE PROJECT
整廠服務項目

專業 Professional • 品質 Quality • 服務 Service

飼料技術 FEED TECH

- 水產飼料整廠設備 Whole equipment plant of Aqua feed
- 魚粉整廠設備 Whole equipment plant of Fish meal
- 畜牧飼料整廠設備 Whole equipment plant of Poultry feed
- 寵物飼料整廠設備 Whole equipment plant of Pet feed

綠能科技 GREEN ENERGY TECH

- 有機肥料整廠設備 Whole plant equipment of Organic fertilizer
- PC板回收乾式處理整廠設備 Whole plant equipment of PC board recycling dry processing
- 綠能複合粒料整廠設備 Whole plant equipment of Building materials pellet
- 生質燃料整廠設備 Whole plant equipment of Biomass fuel

研磨乾燥 GRINDING AND DRYING

- 豎磨機整廠設備 SVRM Whole plant
- 球磨機整廠設備 SBM Whole plant
- 雷蒙機整廠設備 SRM Whole plant
- 矽砂研磨整廠設備 Whole plant equipment of Silica Sand grinding
- 汙泥乾燥整廠設備 Whole plant equipment of Sludge drying



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申川機械
SOON STRONG MACHINERY



粗選機

ROTARY SIFTER



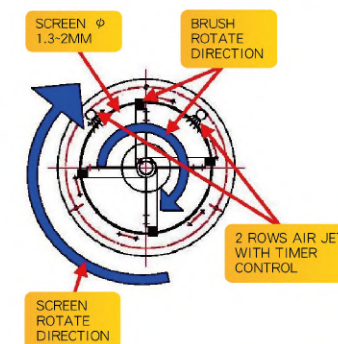
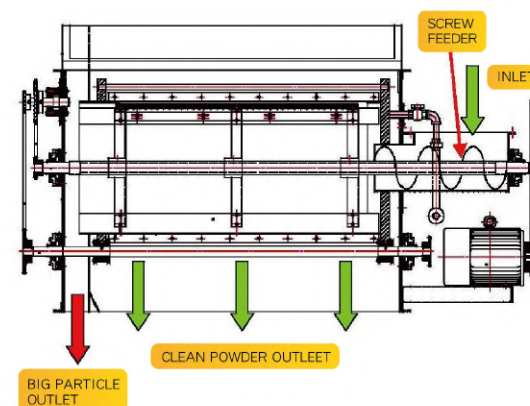
▶ 原料粗選機
RAW MATERIAL ROTARY SIFTER



▶ 噴氣式粉末粗選機
AIR JET TYPE POWDER ROTARY SIFTER

圓筒型粗選機主要是用於初步清除較大雜質，以保護機器設備，免於發生故障或損壞，被廣泛用於麵粉、飼料廠及其它行業原料接收部份。本機具有處理量大、省能源、結構簡單、佔地位置小、便於安裝維修及換網等特點，可根據物料性質選配適宜的篩孔，達到產量要求及分離的效果。

Extensive use in accepting materials for wheat flour, feed mill as well as other enterprises. The sieve can protect facilities from breaking down. The rotary sifter has many merits such as high output, less power, simple structure, small place, convenient installing or maintenance and replacing sieve etc. It also can adjust outlet of sieve according to material to achieve the requirement of output and the effect of separation.



機型 MODEL	處理能力 CAP. T/H	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (LxWxH)
SBC-2	1.0 - 5.0	3	1.7x0.8x0.8
SBC-3	5.0 - 10	5	2.1x1.0x0.9



申川機械

SOON STRONG MACHINERY

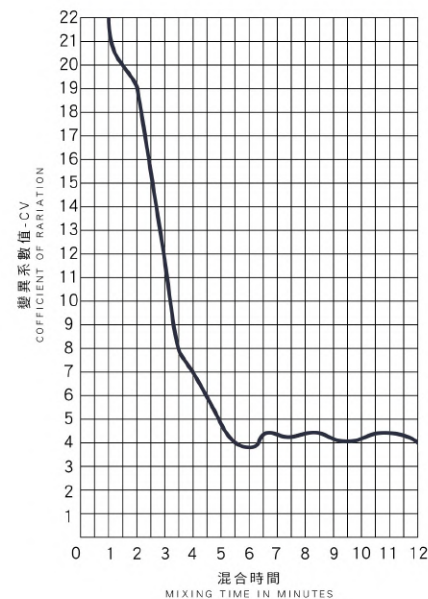
申川機械工廠股份有限公司創立於1978年，是擁有多畜產、水產及礦石化工等產業機械設計、規劃、製造、安裝經驗的專業公司，亦是台灣機械工會認定國內對外輸出三級會員，多年來隨著科技進步，申川不斷研發改造如水、畜產用製粒機、濕式膨化機、大型超微粉碎機、翻板式烘乾機、浮動床烘乾機及礦業用磨機、球磨機、分級機等先進之高效率主機，近年來更開發資源回收設備裝置，讓我們產品能更多元化滿足客戶需求，多年來以客戶為立場認真用心規劃廠房及生產流程以節省製造成本、提高品質，創造買賣雙贏局面，使用客戶遍及台灣、中國大陸、東南亞、印度等地區並在業界深獲好評。

Soon Strong Machinery Works CO.,Ltd was established in 1978. We are professional company in Animal, Aqua feeds, Mineral and chemical industry equipment of fabrication, manufacturing and etc. It is also the third class export member of Taiwan Association of machinery industry. With times & technology goes on, Soon Strong keep new products developing such as Pellet Mill, Extruder, Fine Pulverizer, Board Dryer, Floating Dryer and etc for animal & aqua feeds, and Vertical Roller Mill, Ball Mill, Separator etc. for mining industry high efficiency main machine. Recently we develop the environment wasting recycle machines to fit market needs. We consider production flow processing and planning factory seriously for cost down and get best benefit for customer than upgrading equipment quality to make win-win situation. The users are around in Taiwan, Mainland China, East-south Asia area, India area etc. that have good reputation to us.



混合機

MIXER



高效率的內外螺旋葉之交錯拌合，混合時間短，馬力省。配合氣動排料開關，獨特氣缸式桶作緊密開合，不漏料。可加裝油脂或糖蜜批次噴入系統，操作安全，保養容易，堅固耐用。

High efficiency of alternate arranged interior and exterior propeller blades. Short mixing time and low horsepower required for mixing. Unique cylinder operated sealing without leakage. Can be used with fats, fish oil and molasses injection system. Safe operation and durable body and easily maintenance.



▶ 單軸槳葉式混合機
SINGLE PEDDLE TYPE MIXER



▶ 單軸環帶式混合機
TWIN SHAFT RIBBON TYPE MIXER

機型 MODEL	處理能量 Cap. (per batch)	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (LxWxH)
SBM-300	126 kg	3	1.4x0.9x1.5
SBM-1500	630 kg	7.5	2.6x1.3x1.9
SBM-3200	1344 kg	10-15	3.1x1.3x2.0
SBM-5300	2226 kg	20-25	3.7x1.5x2.3
SBM-6500	2730 kg	25-30	3.8x2.3x2.1
SBM-9600	4032 kg	50-60	4.1x2.5x2.6

分離磁選機

SEPARATOR

強力磁鐵吸除粉粒體中鐵片及鐵塊，保護產業機器，確保生產線之連續運作，提高生產力，提昇產品品質。適用於各種粉粒體製造業，採強力永久磁鐵製作，連續吸除原料中之鐵份，效果特佳。

The magnets have been specially developed for through removal of ferrous metals from material in granular and powder form during transportation through pipeline systems to protect machines and keep production line running continually. It can enhance the production and improve the quality of products. It is suitable for manufacturing of granular and powder form. With the permanent magnets, it works continually to remove ferrous metals to ensure that the materials to be purified is well distributed.



▶ 強力型平面磁鐵(SCM)
Cascade Magnetic Separator

機型 MODEL	處理能量 CAP. T/H	外型尺寸(mm) OUTLINE (LxWxH)
SCM-1	1.0 - 5.0	L850xW485xH758
SCM-2	5.0 - 10.0	L950xW485xH998



▶ 圓錐形磁鐵(STM)
Tube Magnetic Separator

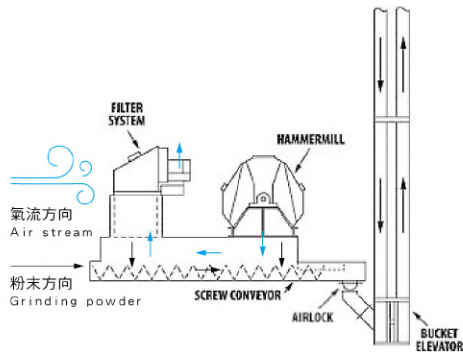
機型 MODEL	處理能量 CAP. T/H	外型尺寸(mm) OUTLINE (φ x H)
STM-6	1.0 2.0	φ 165x400
STM-8	2.0 - 5.0	φ 200x550
STM-10	5.0 - 10	φ 260x720

粉碎機

HAMMER MILL



高轉速粉碎機
HIGH SPEED HAMMER MILL



高效率袋濾集塵配置
High capacity bag filter system

- ◆ 粉碎機網目不殘粉，產量高
No powder left on the hammer mill screen with high capacity
- ◆ 系統負壓袋濾集塵，粉塵不外漏
Negative pressure bag filter system that no powder leakage

機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (LxWxH)
SHM-1	0.3 - 1.5	7 1/2 - 10	1000x0.85
SHM-2	1.0 - 2.0	15 - 20	1300x900x800
SHM-3	2.0 - 3.0	20 - 30	1300x1100x800
SHM-4	3.0 - 5.0	50 - 75	1680x1380x1400
SHM-5	6.0 - 8.0	100 - 125	1800x1100x1200
SHM-6	8.0 - 10.0	125 - 150	2200x1300x1400

加大設計之粉碎室及篩網，粉料通過率高，充份利用粒子間之衝擊，粉碎效果佳，粉碎物細度均勻。

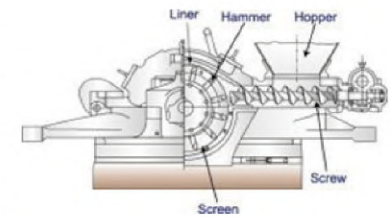
The design of an enlarged pulverizing chamber and a screen which is with large area ensures a high efficiency for passing through of the material pulverized. Fully use the impact effects among particles enables a superb pulverizing effect and even fineness of materials pulverized.

特點 FEATURE

- ◆ 直結式動力驅動耗能少
Motor directly driving with less power loss
- ◆ 高轉速粉碎物料細緻均勻
High rotor speed with fine powder production
- ◆ 轉子動態平衡校正符合國家CNS標準
Dynamic rotor balance calibration fitted with national CNS standard
- ◆ 網片面積大，高產量輸出
Large screen area with high capacity
- ◆ 培林幫浦式潤滑壽命長
Pump oil lubrication for long bearing using life

超微粉碎機

PULVERIZER



有網式超微粉碎機
SUPER PULVERIZER

申川超微粉碎機，配置於膨化設備工藝流程，飼料粉碎細度可達 60-100目、通過率85-95%。尤其適合生產 $\phi 1.5$ 以下的小顆粒膨化飼料。迴轉式衝擊錘頭，粉碎能力大，單位能耗較省。銀焊鎢鋼擊錘及特殊耐磨合金齒板，可調式帶動盤，使擊錘及齒板使用壽命更長。特殊設計之粉碎篩片，除增加粉碎效率外更可有效防止過大過輕之纖維通過，阻塞後面膨化鋼模，且搭配獨立式分級系統，更能有效地、犀利地分級產品。

The materials can be ground to the fineness 60-100 mesh pass through 85-95%. Rotary swing hammer crushing the material easily with high speed. Good weariness hammer and teeth liner long using life and anti-wear character. Adjustable hammer swing diameter to match different material and also prolong the spare parts life. Generally, The hammer using life is about 1200-1500T. The liners life is about 3000-5000T, It is depend on the material component. Unique screen under the hammer not only to increase grinding capacity but also prevent large and weightless fiber from passing through out and then to block the Die bole. To match with sharp air separator ensure the fine powder producing.

機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	佔地面積(m) AREA
SAP-1SH	0.15 - 0.3	5 HP	1.2x0.9x1.2
SAP-2DH	0.3 - 0.5	20 HP	1.5x1.3x1.3
SAP-3TH	0.5 - 1.0	50 HP	1.8x1.7x1.5
SAP-4TH	1.0 - 1.5	75 HP	1.9x1.8x1.7
SAP-5TH	1.5 - 2.5	150 HP	2.9x2.5x2.3
SAP-6SH	2.5 - 4.0	200 HP	2.9x2.7x2.3
SAP-7TH	5.0 - 7.0	250 HP	3.2x3.0x2.3
SAP-8TH	6.0 - 9.0	300 HP	3.3x3.0x2.5

無網立式分級粉碎機

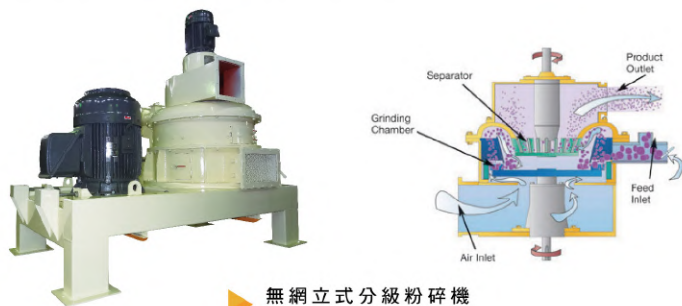
AIR CLASSIFIER

申川立式微粉碎機，粉碎目的除配合後段的膨化或製粒過程外，另一個重要的目的在增加飼料的轉化率，提高肉/料比，目前一般蝦料製粒前的粉碎細度約在80目通過90%，而膨化料依鋼模孔徑不同：80目通過90到97%，且40目通過率須達100%以避免小孔徑發生堵料現象，故依不同的流程，選用以下不同的粉碎機型。

立式粉碎機主要配置於水產沉性魚蝦製粒工藝流程，飼料原料粉碎細度可達60-325目，通過95-99%特殊材質擊刀設計，搭配銀焊錫鋼齒板使用壽命更長，一般擊刀使用壽命約1500-3000噸，粉碎齒板使用壽命3000-6000噸，視原料不同而變化。上方直接搭配滾輪分級機，可調整粉碎細度，外型簡潔、大方、美觀。

The Grinding process is not only to serve extruding and pelleting process but one more important goal is to increase the exchange rate of feed to achieve a higher meat/feed value. Nowadays the sinking pellet material must to reach the fineness 80 mesh pass through 90%, the floating expansion material must to reach the fineness 80 mesh pass through 90-97% and 100% pass through 40 mesh to avoid blocking small pellet Die.

Vertical Pulverize generally ,to equip on the sinking feed process of shrimp or fish. Material particle size can reach to 60-325 mesh passing through 95-99%. Special alloy plate hammer and teeth liner which has good anti-wear character to prolong using life. Generally, Plate hammer life will be 1500-3000T depend on the material component. The Turbo-wheel separator are installed on the top of grinding mill. So, it can easy to adjust particle size as our desired.



無網立式分級粉碎機
AIR CLASSIFIER MILL

機型 MODEL	生產能量 CAP. T/H (80 mesh pass 90%)	使用馬力 HORSEPOWER	佔地面積(m) AREA
SVP-90	1.2 - 2.0 ton/hour	90 KW	2.5x2.3x2.6
SVP-110	1.8 - 2.5 ton/hour	110 KW	2.5x2.3x2.6
SVP-160	3.3 - 4.0 ton/hour	160 KW	3.0x2.6x2.8

比重分級機

MICRON SEPARATOR

比重分級機 Micron separator

- ◆ 高分級產量
High classifying capacity
- ◆ 分級範圍非常廣(4.5~150 μm)
The classifying range is very wide(4.5-150 μm)
- ◆ 不用停機既可調整產品細度
Adjust particle size without shutting down
- ◆ 可應用單機系統或整廠規劃
Apply in single unit or integrated system
- ◆ 特殊密封設計能防止粉塵外漏
Special seal design for against the powder leakage



比重分級機 Micron separator (碳酸鈣基礎 Caco3 Base)

機型 MODEL	分級機外徑(mm) Outside dia.(mm)	需求空氣(m3/h) Air Flow (m3/h)	細度產量(Kg/h)參考 Fine Yields (Kg/h)for ref	馬達功率(kw) Motor Rating(kw)
			300meshx98% 通過率(P.R)	
SMS-1	600	900	150	0.75 (1HP)
SMS-3	900	4800	750	2.2 (3HP)
SMS-4	1250	9000	1500	5.5 (7.5HP)
SMS-5	2100	18000	3000	7.5-15 (10-20HP)
SMS-6	2600	36000	6000	30 (40HP)

細粉振動篩

FINE POWDER SIFTER



本機型適合於處理大量的單一產品細緻粉末之篩選，其篩網框由鋁製合金製成，其輕巧、堅固且維護更換容易。而驅動部分由內置驅動框架驅動的自由擺動型電動機，可輕鬆調節震動幅度。

Fine Power Sifter is suitable for the screening of a large number of single products of fine powder. The screen frame is made of aluminum alloy, which is light, strong and easy to maintain and replace. The motor, which is driven by a built-in drive frame, can easily adjust the vibration amplitude.

機型 MODEL	層數 LAYER	處理能量 CAP. T/H	馬力 HP	篩面積 (m ²) SCREENING AREA (L x W)
SQS-800	10	2-3	3	6.4
SQS-1100	10	4-5	5	12.1
SQS-1400	10	6-8	7.5	19.6

袋濾集塵機

BAG FILTER



袋濾集塵機是一部免清除沒有內部運動機件的全自動機器，主要由多數柱筒狀不織布過濾管所組合而成，圍繞在密閉容器內，含有粉塵的空氣充滿於室內，清淨空氣被吸入濾管裡面，粉塵附著在管壁上，從定時器發出週期性清除的信號，瞬間噴射高壓空氣通過有特殊設計的吹管到達每一隻濾管內，在短時間內將管外粉塵震落，使清淨空氣流暢。粉塵落至錐桶收集，粉塵連續流入以達到高效率集塵效果。

The bag filter is fully automatic and self-cleaning with no internal moving parts. Each unit consists primarily of a series of cylindrical fabric filter elements enclosed in a dust tight housing. Dust laden air is admitted to the housing and cleaning air withdrawn from inside the filter cylinders. As dust accumulates on the filter elements periodic cleaning is accomplished by introduction of time, momentary jets of high-pressure air through a specially designed venturi mounted above each filter cylinder.

- ◆ 處理風量比一般大2-5倍，不須停車，可連續長時間控制
The volume of air handled is 2-5 times larger than that by other equipment. The air cleaner can be operated continually without interruption.
- ◆ 電子定時自動控制，零故障
The electronic automatic time control is used, and zero failure rate.
- ◆ 集塵效率高達99.99%見有旋風手補氣效果，排風清境，風暢無阻
The efficiency of dust cleaning is 99.99% high because the air collector has cyclone effect.
- ◆ 過濾管特殊處理材質通風性佳
The material used is specially treated for filtration and therefor, air circulating effect is quit well.
- ◆ 適用粉塵之收捕或環境集塵用
Suitable for arresting and collecting dust in the air within an enclosed space.
- ◆ 重要零件國外直接進口，標準化機種，大量生產，降低成本
Major parts are imported and other parts are made by diecast in large quantities into reorder to reduce production cost.
- ◆ 設有安裝檢查門及風壓管儀錶
Have access door for installation and inspection; and have air pressure meter the pipe is required.

機型 MODEL	生產能量 CAP. m ³ /M	濾管支數 FILTER QTY	使用空氣量 AIR L/MIN	電磁閥數量 SOV QTY	佔地面積 LOCATION AREA
SPC-16-4	30	16	120	4	1.15x0.9x2.0
SPC-36-6	100	36	210	6	1.6x1.65x3.9
SPC-42-7	150	42	240	7	1.31x2.34x6
SPC-55-7	180	55	270	7	1.7x2.34x6
SPC-78-9	200	78	300	9	2x2.34x6
SPC-120-100	350	120	400	12	3.2x2.34x6
SPC-144-124	420	144	450	13	3.8x2.34x6.1

雙軸膨化機組

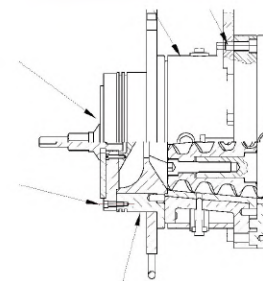
TWIN SCREW EXTRUDER



雙軸膨化機組
TWIN SCREW EXTRUDER

特點 FEATURE

- ◆ 長徑比 15~20
length/diameter ratio 15-20
- ◆ 可生產 0.8mm 顆粒
φ 0.8mm diameter pellet
- ◆ 油脂含量可達 18~20%
fat content 18-20%
- ◆ 自清能力強
Good screw self clean
- ◆ 馬達直結傳動，動力損失少
Motor directly driving with high efficiency
- ◆ 兩螺牙同向推送物料捏和效果好
Two screw rotate in the same direction with good mixing efficiency



- ◆ 出料特殊椎型穩壓設計
Special cone shape design offer stable and high pressure



- ◆ 兩螺牙經過變速箱第三齒接合改變成同向旋轉，不僅推力方向一致出料順暢且中央交錯運動產生額外揉捏熟化及均質化
Two screw shaft rotate in the same direction that provide extra kneading effects in the cross center



- ◆ 生產各種精緻浮沉水產料
Every delicate kind of aqua feeds for production

機型 MODEL	生產能量 CAP. T/H(3.0mm)	使用馬力 HORSEPOWER	佔地面積(m) LOCATION AREA
SEPD-120	1.6 - 2.0	150-175 HP	4.6x1.1x1.2
SEPD-180	3.5 - 4.0	215-250 HP	5.8x1.3x1.6
SEPD-300	8.0 - 10.0	400-450 HP	8.0x1.4x1.8

單軸膨化機組

SINGLE SCREW EXTRUDER



單軸膨化機組
SINGLE SCREW EXTRUDER



- ◆ 軟、硬切刀供選擇
Soft and Hard cutter for selection



- ◆ 真空系統
VACUUM SYSTEM for sinking feeds production



- ◆ 螺牙不銹鋼一體成型及外部加工硬化層，强度高使用壽命長
Integrated screw and hard work on surface. Durable and high wearness

申川單軸膨化機，經歷了20餘年的演變及客戶實際生產經驗回饋，第11代的申川單軸膨化機更可依客戶的生產需求及不同的長徑比(一般單軸的長徑約11~15)，配比適當的轉速生產出φ0.5~20mm，各種不同品種粒徑的沉浮性飼料顆粒。最大內含油脂量可達8~10%，並可依客戶本身的需求，搭配選用真空洩壓設備，製造高檔、低成本的沉水魚蝦料；或搭配防擦邊阻尼座，可延長螺旋使用壽命；及增加搓揉出料時間，對某些的特殊配方產生獨特的效果，獨特抗撓曲軸承箱設計可隨時調整主軸撓曲角度，防止螺桿與內套螺旋碰撞延長使用壽命。

According to twenty years evolve and customer produce Experience feedback. The 11th generation extruder, Furthermore, according to customer requirement that produce φ0.5~20mm various diameter pellet whatever sinking or floating. Material fat content could reach to 8-10%. Optional pressure ventilator for high quality sinking feed. Optional Anti-Brush damper seat not only prolong the screw life but also increase material maintain time. It is good for some special formula. Durable bearing housing to avoid crash between screw and sleeves.

機型 MODEL	生產能量 CAP. T/H(3.0mm)	使用馬力 HORSEPOWER	佔地面積(m) LOCATION AREA
SEP-25	0.4 - 0.5	25 - 40 HP	3.6x1.5x1.6
SEP-100	0.8 - 1.3	60 - 75 HP	4.0x1.8x1.6
SEP-150A	1.5 - 2.2	100 - 125 HP	4.0x1.5x1.8
SEP-200	3.0 - 4.0	150 - 175 HP	4.5x1.5x1.8
SEP-250	5.0 - 8.0	200 - 300 HP	5.5x2.5x1.8

薄片飼料乾燥機

FLAKE FEED DRYER

本體鑄造精密加工，表面超高硬質鍍鉻，耐磨不刮傷，可調間隙及自動調壓刮刀，可調式軸承含自動潤滑裝置，齒輪減速可變頻調速，接觸部全部不鋼材，高強度機座，設減調壓蒸氣(迴轉接頭)裝置，工作檯清洗操作方便，可逐組增設，省能源。

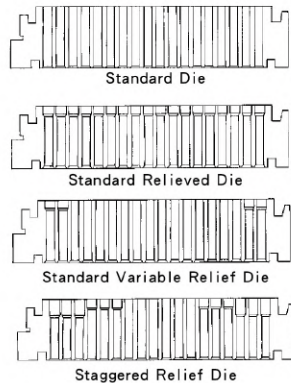
The main body was precisely made of high-class cast iron. The surface was plated with chromate treatment. It is wear proof and abrasion-resisting. The scrapers can be adjusted the bearing is adjustable with auto-lubricating system. The gear reducer can be at variable speed. The contact parts were made of stainless steel with high strength base. It mounted with steam pressure adjustment system. The platform is easy to clean and the operation is easy to work. It can save the power.



型式 MODEL	SDD-0305
外型尺寸 OUTLINE DIMENSION	L2500xW2300xH1700(mm)
產能 CAPACITY	25-50KG/HR
使用蒸氣及壓力 STEAM AND PRESSURE	130KG/HR / 3-5kg/cm ²
裝重尺寸 PACKING MEASUREMENT	20M ³ (720 cu feet) in 20' container
淨重 NET WEIGHT	4500KG

製粒機組

PELLET MILL



- ◆ 不同鋼模壓縮比設計給不同飼料產品

Different dies compress ratio design for all kinds products

特點 FEATURE

- ◆ 可調式滾輪機構保持適當模具間隙
Adjustable roller mechanism for keep fine gap between roller and dies.
- ◆ 大型斜錐滾柱軸承設計，生產時主軸不晃動控制飼料長度均勻
Tapered roller bearing used for main shaft that keep the feeds length cutting in uniform.
- ◆ 雙馬達啟動降低起動電流
Two motor for low starting power.
- ◆ 雙馬達設計使皮帶傳動拉力平均避免培林單邊磨耗及主軸轉平穩
Two motor make driving pulling force in even that for main shaft running smoothly and avoid bearing wearing at single side.
- ◆ 切刀連座設計不放置門邊，方便開門維修時調整切刀長度
Independent cutter set that easy to adjust feeds length as door opening.
- ◆ 滾輪表面硬化處理及進口德國鋼材做為鋼模使用，耐用及使用壽命長
Roller surface harden heat treatment and Germany steel for dies using that make it for durable and long using time.

機型 MODEL	尺寸 DIMENSION(mm)					生產能量 CAP. T/H	使用馬力 HORSEPOWER
	A	B	C	D	E		
SPM-2	1930	1570	2700	2450	850	1.0-1.5(2.0-3.0)	75
SPM-3	2100	1620	2700	2450	970	1.5-2.0(3.0-5.0)	100
SPM-4	2400	2000	3700	2850	1260	2.0-2.5(6.0-9.0)	150
SMP-5	2600	2100	3700	2850	1400	2.5-3.5(10-13)	200

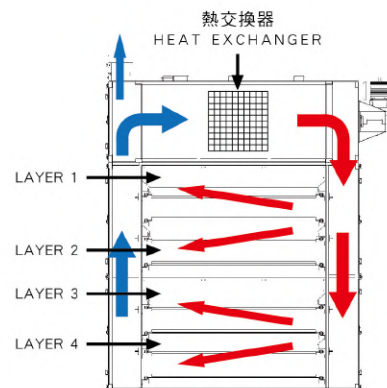
氣流式乾燥機

AIR FLOW DRYER



最新循環氣流式烘乾機的設計，大大降低了蒸氣能源的消耗，且更容易調整大顆粒及沉性料的烘乾機時效。獲取內外一致的烘乾效果，環流式的熱氣回收系統及四層網板傳動，延長烘乾時間，增加翻動次數讓顆粒均勻受熱，更可準確控制烘乾水分含量。可搭配選用溫度PID控制器及節流控制器，達到最佳的耗能控制(平均蒸氣消耗約100~150 公斤/飼料噸)。

The design of the new board dryer, to level down the steam consumption and easy to adjust the big size feeds and sinking feeds drying time. Getting the best efficiency. The circulative hot air retrieving system and the nets transmitting of the four times to make pellets heating in even, then to extend the dry time. It has precise controls this dry the moisture content . It can choose the PID controller and the throttle controller to reach the best control. (The steam using average 100-150 kg/per feeds ton)



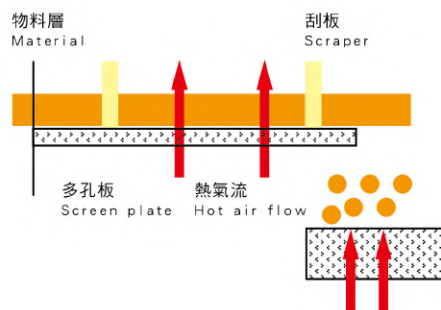
特點 FEATURE

- ◆ 熱風循環高效率省能源
Hot air circulation with energy save and high efficiency
- ◆ 四層輸送帶設計延長烘乾時間
Four layer conveyor is for extending the drying time
- ◆ 每箱室個別自動溫控設計穩定製程條件
Every chamber has independent auto temperature control for process stable

機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	佔地面積(m) LOCATION AREA
SBD-240-5	3.0 - 4.5	46 KW	11.4x4.5x4
SBD-240-6	4.5 - 6.0	54 KW	13.6x4.5x4
SBD-240-8	8.0 - 10.0	72 KW	18.0x4.5x4

懸浮式乾燥機

FLOATING DRYER



- ◆ 熱氣通過顆粒間隙石產生物料層微浮動，推動時顆粒懸浮少粉且因滾動進而烘乾均勻
Hot air through the pellet caused floating. Drying evenly and less powder generated as moving



- ◆ PID溫控器及自動蒸氣調整閥精準控制溫度
PID controller and auto control steam valve to control temperature precisely



鍋爐而來的高壓蒸氣，通過熱交換器，產生40℃~130℃之高溫（溫度可設定），上接抽風機，巨大吸力使顆粒成懸浮狀，此作用烘乾效果更佳，適用於水產養殖魚、鰻及一般顆粒產品成為8~12%的溼度含量，具有體積小、不佔空間等特長，外層保溫，熱源不流失，可省能源消耗，烘乾產能大，結構穩固，消耗能源小，溫度風壓可依實際情況加以調整。

The high pressure steam from boiler gets through heat exchanger to produce high temperature of 40℃~130℃ for adjustable. It connect with blower with huge sucking force that make the water content of feeds under 8%. The feeds is kept floating on the dryer screen plate that get good drying effects. It is good drying system for fish, eel and other aqua feeds. It has compact size, which requires minimum space. The insulation of dryer can keep the heat and save the power. Low power consumption is required. The main body is a sturdy structure. The temperature and fan pressure can be set depending on real conditions.

機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	佔地面積(m) LOCATION AREA
SCD-2	1.0 - 1.5	2	5.1x2.0x2.9
SCD-3	1.5 - 2.5	3	5.1x2.3x2.9
SCD-4	2.5 - 3.5	3	6.9x2.5x3.5
SCD-5	3.5 - 5.0	3*2pcs	6.9x2.5x5.1

油脂噴塗機

OIL COATING DEVICE



▶ 噴塗機 (5% 以下增油量)
Oil coating device
(Under 5% oil add)
+
磅油系統
Oil spray dosing system



▶ 真空油脂噴塗機
(12~25% 增油量)
Vacuum oil coating device
(12~25% oil add)

高油脂飼料原料的使用，有愈來愈廣泛的趨勢，尤其是在膨化製粒生產流程的搭配使用，顆粒外噴油的目的是避免熱敏性維生素及氨基酸在工藝流程中的損耗及增加飼料誘食風味及嗜口性。提高飼料轉化率，申川臥式滾筒霧化噴塗機設計重點首重於進料與噴塗量的精確控制、選用變頻的回轉排料閥，或動態的皮帶流量秤，搭配PLC流量控制系統，準確度可達0.5%以下。

Widely use liquid material special on expanding and pelleting produced process. The main purpose of oil coating process is add extra oil and heat sensitive staff coating on the feeds. It is also improve lure flavor and taste to increase the feeds exchange rate. The oil coater is advantaged on precision control of feeds and oil coating volume. Dynamic scaling belt conveyor is option.

機型 MODEL	生產能量 CAP. T/H	馬力 HP	佔地面積(m) LOCATION AREA
SLP-280	0.7 - 1.5	3	3.8x0.9x2.0
SLP-310	3.0 - 5.0	3	4.5x1.1x2.2
SLP-512	8.0 - 10.0	5	5.1x1.3x2.3

後處理機

POST CONDITIONER

特點 FEATURE

- ◆ 調質、乾燥、冷卻一機三用
Conditioning、drying and Cooling
multi functions in one machine
- ◆ 調質部分直接及間接蒸氣加熱，顆粒溫升快又均勻
Jacket indirect and steam direct steam heating that make pellets temperature in even
- ◆ 不銹鋼製作操作長久使用
Stainless steel use for long using time



▶ 後處理機
Post conditioner



▶ 立式後處理機
Vertical Post conditioner

機型 MODEL	生產能量 CAP. T/H(3.0mm)	使用馬力 HORSEPOWER	外型尺寸(mm) OUTLINE (LxWxH)
SAD-5	1.0 - 2.0	3	4600x1200x3600
SAD-6	3.0 - 4.0	4	5500x1800x3700
SAD-7	5.0 - 6.0	5	7000x2100x4100

解碎機

CRUMBLER

獨特設計，輕巧實用且顆粒均勻，是蝦及畜產飼料生產不可或缺的系統。處理量大，運轉平穩無噪音，滾輪耐用，不須解碎時，可直接通過。

Special adaptable, handy and the pellet is uniform. The unique system for shrimp and poultry feeds producing apparatus with large capacity. It runs stable, low noise and the roller with hard coating in the shell that is durable. Inside has by pass valve for selection.



- ◆ 齒型皮帶運動非傳統齒輪
咬合安靜效率高
Teeth belt driving with silence
running and high efficiency

機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (LxWxH)
SRC-1	0.6 - 1.0	5	1.3x1.0x0.6
SRC-2	1.0 - 1.5	7 1/2	1.8x1x0.6
SRC-3	2.0 - 5.0	15	1.2x0.9x1.0
SRC-4	4.0 - 8.0	20	2.2x1.4x1.0
SRC-5	8.0 - 12	15x2 pcs	3.2x1.9x1.2

逆流式冷卻機

COUNTER FLOW COOLER



特點 FEATURE

- ◆ 逆流冷卻效率高，內附感應器可調節冷卻時間
Counter flow cooling with high efficiency.
Cooling time adjustable by sensor.
- ◆ 振動出料不傷顆粒成品良率高
Pellet output vibration type that products has complete shape with good yield rate.
- ◆ 出料控制閥依顆粒大小控制開口流量
Control the output valve depended on pellet size.

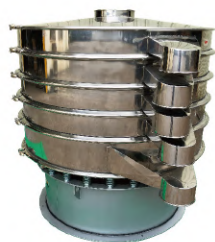
機型 MODEL	生產能量 CAP. T/H	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (LxWxH)
SVC-3	0.5 - 3.0	1	1.7x2.2x1.5
SVC-4	3.0 - 8.0	2	2.1x2.8x1.9
SVC-5	8.0 - 15.0	2	2.5x3.5x2.3

篩選機

SIFTER



▶ 旋篩機
OSCILLATING SIFTER



▶ 圓篩機
VIBRO SEPARATOR

顆粒最後分選裝置，利用旋動使粉粒狀物通過多層網面分選，適用於100mesh網上，顆粒呈圓圈由上而下往復旋轉運動。懸吊式設計，無噪音，振動及馬力小，處理量大，高效率，設有振動清掃裝置，不阻塞網面，換網保養容易。

It is the pellet screening. By oscillating, the powdery pellet passes through the multi-layer screen. It is suitable for screen with 100mesh. The pellet is moved up and down and to and forward. The suspended design has low noise and vibration with low horsepower. It has high efficiency and providing sweeping device for easy maintenance and replacing screen.



▶ 往復式篩選機
RECIPROCATING SCREEN

機型 MODEL	處理能量 CAP. T/H	使用馬力 HORSEPOWER	外型尺寸(m) OUTLINE (L x W)
SOS-310	1.5 - 2.5	1	2.2x1.1
SOS-330	3.0 - 4.0	2	2.9x1.6
SOS-612	8.0 - 10.0	5	4.9x1.9

周邊設備

RELATIVE MACHINES



斗昇機
BUCKET ELEVATOR



螺運機
SCREW CONVEYOR



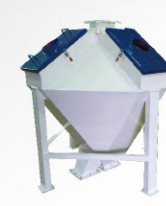
鍊運機
CHAIN CONVEYOR



包裝機
PACKER



旋風收補器
CYCLONE DUST COLLECTOR



穀物篩選機
GRAIN SCREEN



排風機
EXHAUST BLOWER



半自動縫袋機
SEMI-AUTO SEWING MACHINE



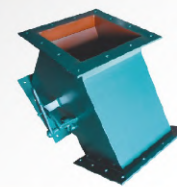
隔風排料閥
AIR LOCK FEEDER



分料器
ROTARY DISTRIBUTOR



氣動閘閥
PNEUMATIC SLIDE GATE



三通分料閥
TWO WAY PNEUMATIC GATE