



粉粒體原料專用輸送設備
BULK MATERIALS HANDLING SYSTEM

 喬豐行股份有限公司
Chiao Fong Hang Co., Ltd.

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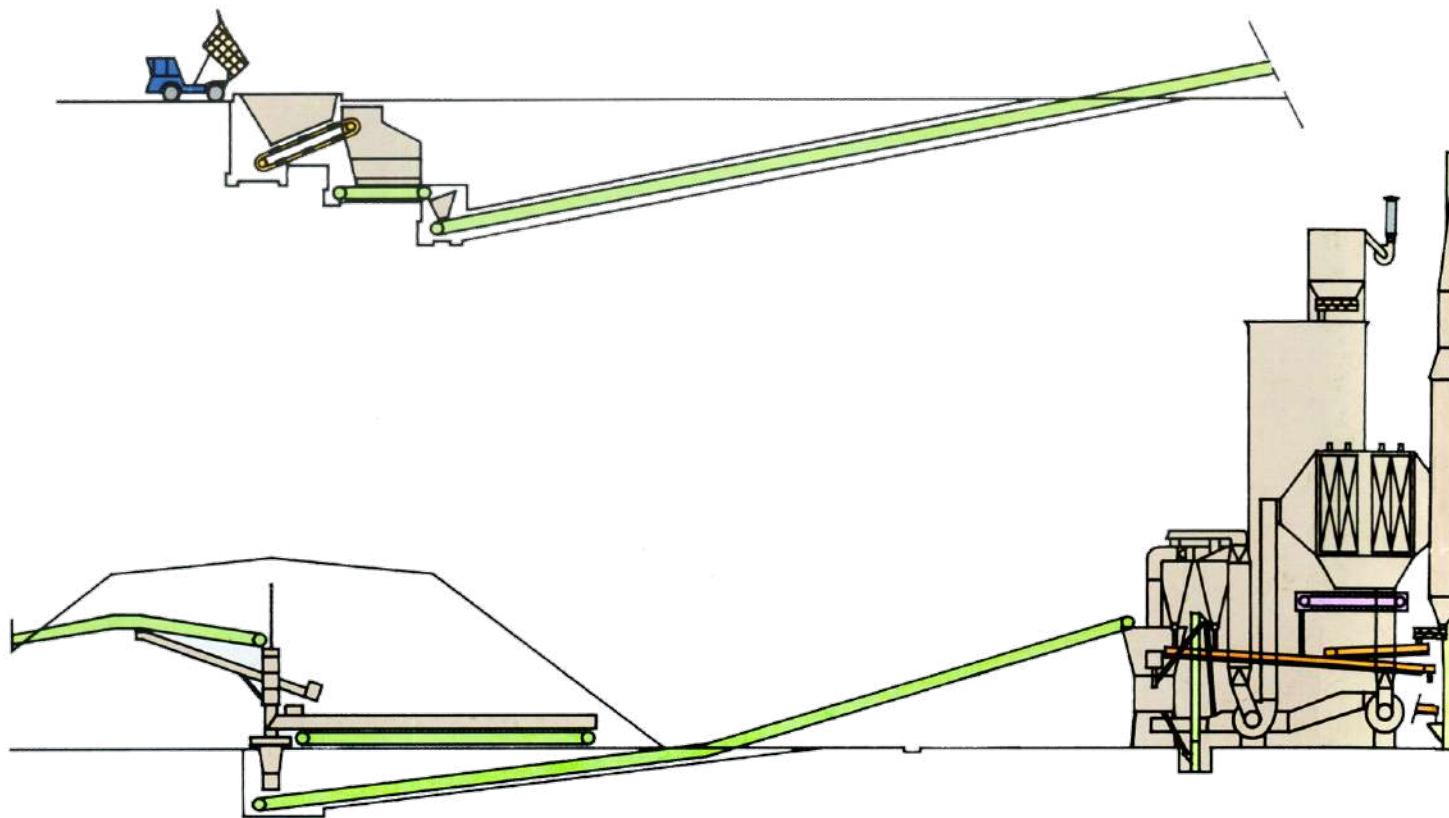
螺旋輸送機

SCREW CONVEYOR

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匠心獨運的巧思 製造安裝一絲不苟

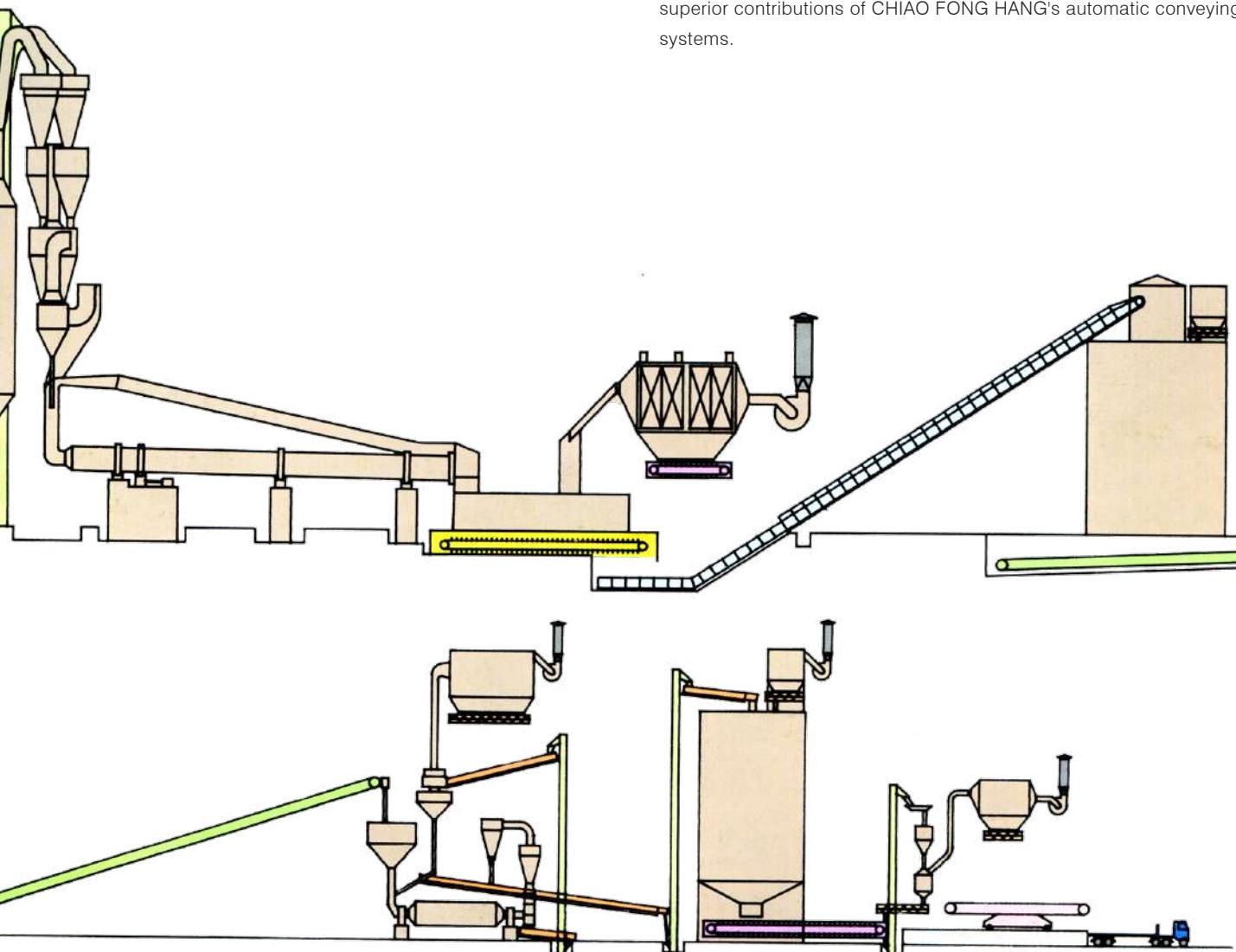
A STATE-OF-THE-ART DESIGN CONCEPT WITH
CAREFUL ATTENTION PAID TO EVERY DETAIL



皮帶輸送機 Belt conveyor	氣動滑運機 Air slider	螺旋式輸送機 Screw Conveyor	深斗式盤運機 Deep pan Conveyor	
裙板式輸送機 Apron conveyor	拖曳鏈條輸送機 Drag Chain Conveyor	流式輸送機 Flow Conveyor	伸縮式皮帶輸送機 Movable belt conveyor	斗式提運機 Bucket Elevator

喬豐行在粉粒狀輸送系統的卓越工程能力，在水泥廠、鋼鐵廠、飼料廠、化工廠、食品廠，再次徹底表露無遺。每一規劃設計細節，都是匠心獨運的巧思及再三的考量，以及鉅細靡遺的技術服務。融合先進電腦控制系統，嚴謹的安裝試車，以確保無懈可擊的運作性能。喬豐行尋求突破新技術永無休止，藉著與歐美、日本各國技術合作，不斷地研究發展新產品，顯赫的技術背景創造了許多國內外著名的工程實績。再度證明喬豐行輸送系統的卓越貢獻。

The outstanding engineering capability of CHIAO FONG HANG has been fully reflected in cement, steel, fertilizer, chemical, and foodstuff factories. Each engineering system is a result of state-of-the-art planning and design, with careful consideration given to every detail. Comprehensive technical services are employed with the most advanced control system for ease of control. Solid installation, craftsmanship, and rigorous operation tests guarantee perfect running performance at all times. At CHIAO FONG HANG, we are dedicated to the pursuit continuous breakthroughs in technology. We are in constant technical cooperation with Europe, the U.S., and Japan for the development of new products. This powerful engineering background has enabled us to accomplish well known engineering achievements both locally and overseas, and has established evidence of the superior contributions of CHIAO FONG HANG's automatic conveying systems.



01

斗式提運機 *BUCKET ELEVATOR*

適用：水泥廠、鋼鐵廠、飼料廠、化工廠、食品廠
Suited for Cement, Steel, Chemical, Feedstuff, Fertilizer Plants.



喬豐行所規劃安裝的斗式提運機可分為一般速度輸送或快速輸送。本公司為求技術突破，更與日本名廠大同工業株式會社技術合作。優異的產品品質，深為客戶所讚賞。此提運機適用於粉、粒狀原料之輸送，其超大容量的料斗，將輸送效率徹底發揮。

Designed and engineered by CHIAO FONG HANG, this bucket elevator has conventional or fast delivery speed for choice. In order to upgrade the technology level, CHIAO FONG HANG has a technology cooperation with Japan's DAIDO company. Its superior elevating performance has won an excellent reputation among our customers. The bucket elevator system is specially designed and engineered for grit or powder materials delivery. High delivery efficiency is achieved through the exceptional loading capacity of the buckets.

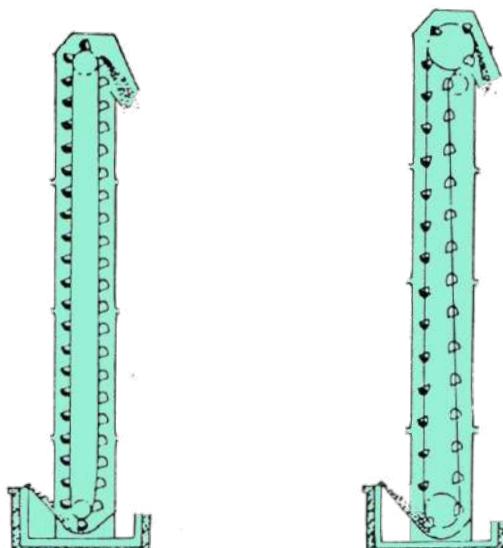


斗式提運機的優異特性

- 1.適合粉粒狀物品之輸送。
- 2.料斗容量大，耐長期連續輸送，抗疲勞強度優異。
- 3.故障率低，保養容易。
- 4.耐磨耗，防水防塵，耐腐蝕。
- 5.節省電力，高經濟效率。

OUTSTANDING FEATURES OF THE BUCKET ELEVATOR

- 1.Ideal for lifting grit or powder materials.
- 2.Big capacity. Heavy duty construction for long-term continuous delivery. superior anti-fatigue durability.
- 3.Fewer breakdown and easy maintenance.
- 4.Maximum wear-resistance. Water and dust-proof,as well as corrosion reststant.
- 5.Cost effective,with exceptional power-saving performance.



連續排出形
Continuous Bucket Elevator

斗式提運機
High Speed Bucket Elevator

02

流式輸送機

FLOW CONVEYOR



適用：水泥廠、鋼鐵廠、飼料廠、化工廠、食品廠

Suited for Cement , Steel , Fertilizer , Chemical , Foodsturr Plant

喬豐行為國內著名水泥廠所規劃，安裝的原料自動化系統，為輸送工程樹立了全新的高效率典範。此流式輸送機，搭配斗式提運機，所組成的輸送系統，可將原料輸送至頂樓混合。適用於粉、粒體狀之原料。此流式輸送機，可做水平、L型、U型環型或任何角度之輸送。

The automatic conveying system, designed and engineered by CHIAO FONG HANG for a well known cement production plant, has set a new style of high efficiency conveying performance. This system has a continuous flow conveyor, working in conjunction with a bucket elevator for delivering cement materials to upper levels for mixing purposes. This continuous flow conveyor system is especially designed for delivering powder or grit material. The continuous flow conveyor system can be operated in horizontal, L type, U type, circular type, or any angular delivery.

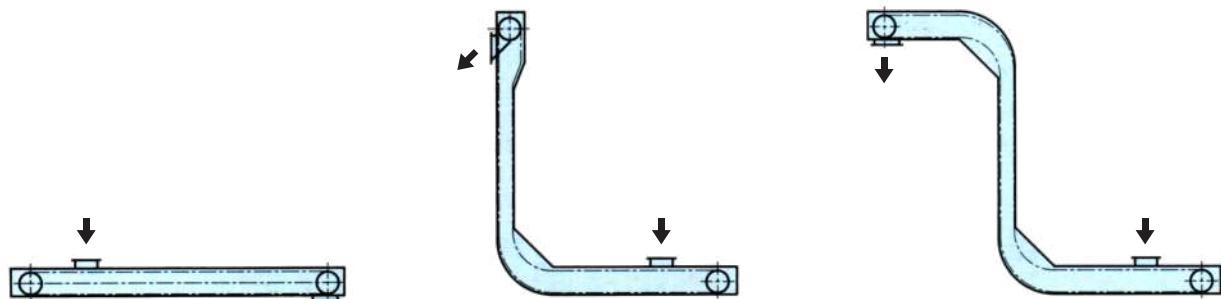
優異特性

- 1.結構簡化，故障率低。
- 2.全密閉式構造設計，輸送物不飛濺，確保工作場所之清潔，避免空氣汙染。
- 3.超強馬力，佔地空間小，輸送能力強。
- 4.入料，出料極方便。
- 5.具防水，防塵性。
- 6.鏈條堅韌，抗疲勞性優異，耐磨耗。

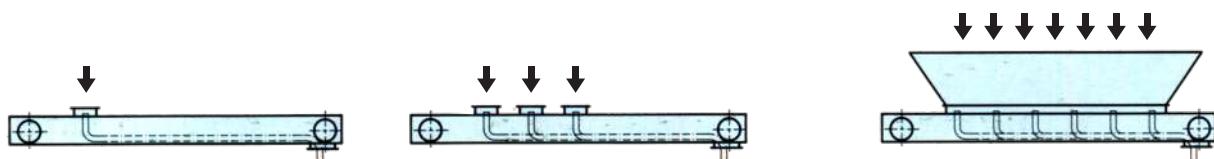
OUTSTANDING FEATURES

1. Simplified construction, with minimum trouble.
2. A fully closed structure for splash-free delivery, ensuring no air pollution, and a clean working environment.
3. Powerful driving capacity. Compact construction for conserving space, large delivery capacity.
4. Easy to load and unload.
5. Water-proof and dust-proof design.
6. Durable chain provides superior anti-fatigue strength with maximum wear resistance.

FLOW MOTION DIAGRAM 輸送動作式意圖



CHOICE OF VARIOUS FLOW CONVEYOR TYPE 流式輸送機型式



石膏板生產

APPLICATION FOR GYPSUM BOARD PRODUCTION



原料輸送系統

斗式提運機及流式輸送機組合系統

Material conveying system for gypsum board production. Picture shown is a combination system for bucket elevator and flow conveyor.

L型流式輸送機

L TYPE FLOW CONVEYOR



運用於廢料回收

Waste material recycle through flow conveyor

L型流式輸送機

L TYPE FLOW CONVEYOR



運用於顆粒、粉粒，塊狀之配料混合

Particle, powder, and grit material can be mixed through flow conveyor.

03

盤運機

PAN CONVEYOR

適用於大量或塊狀物之輸送

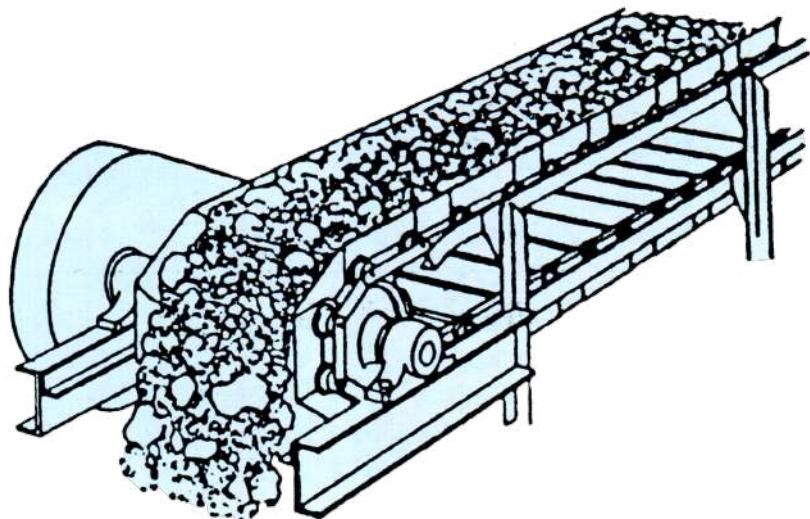
鋼質料斗懸掛於兩鏈座之間，堅固的結構特別適用於大量或塊狀物之輸送。有多種厚度及形狀以適合各種物料輸送需求。

此輸送機可適用於高溫或細砂之輸送。可水平或任何傾斜角度輸送。

Recommended for handling unusually large capacities or lump sizes.

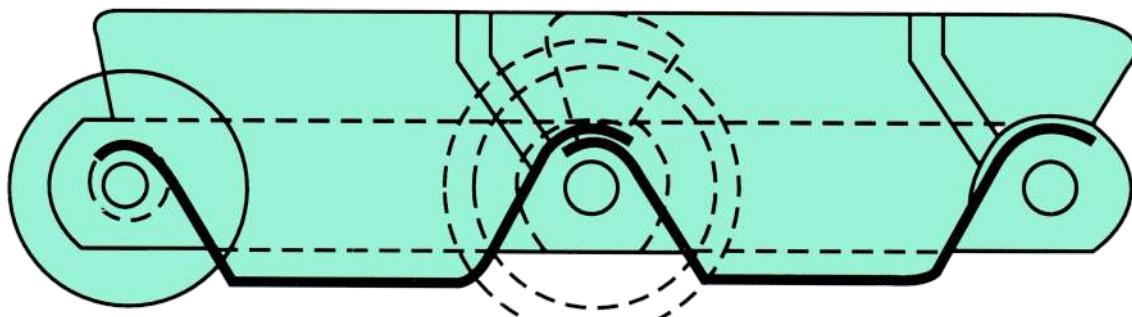
Ruggedly constructed, this pan conveyor is especially ideal for delivering large capacities or lump sized products. Heavy duty steel buckets.suspended between the two strands of chain, can be provided in various thicknesses and shapes for practically any requirement.

These conveyors are also used for handling materials at high temperatures and for very abrasive materials. They may be installed in horizontal or steeply inclined paths or combinations of these paths.



open top carrier with buckets for inclines

TRAVEL



apron pans

此裙板式盤面為雙面滾輪。可以承受更大的負載，在水平和傾斜輸送路徑上具有更大的承載能力，也可以裝木塊或襯板提供保護，以保護在處理大而重的塊狀物時，免受撞擊，尾端焊接盤面，可當作鏈條的附件。

The pans are fitted with rollers at both sides. They can accommodate heavier loads and greater carrying capacity on horizontal and inclined paths. They may also be fitted with blocks or liner to provide protection for the pans against impact and shock when handling large, heavy lumps. Ends are regularly welded to the pan and provide a means for attachment to the chain.

皮帶輸送機

BELT CONVEYOR

適用:水泥廠、鋼鐵廠、化工廠、食品廠、飼料廠

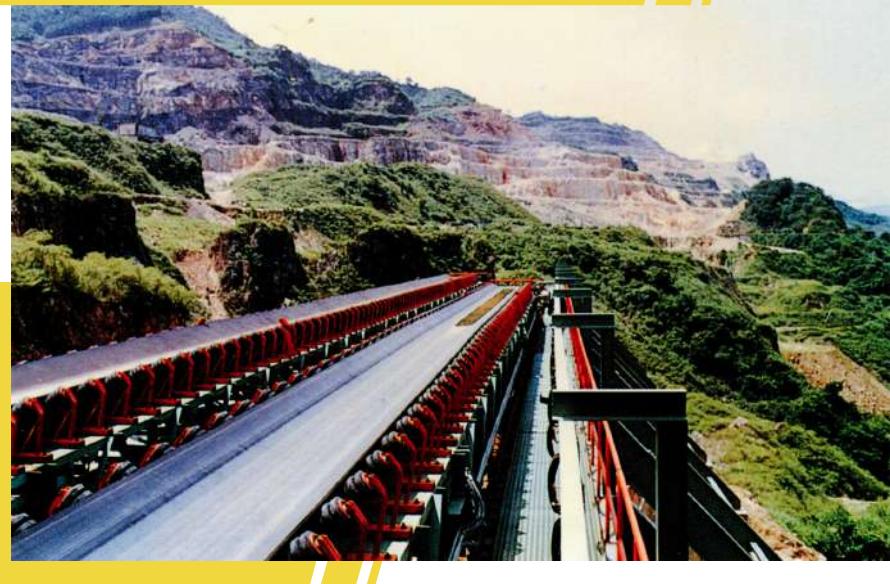
APPLICATIONS: Cement plants , Steel plants , Chemical plants , Feedstuff plants , Fertilizer plants

特性

- 適用於長距離之輸送，搬運容量大。
- 張力大、抗疲勞度強、使用壽命長。
- 耐衝擊，皮帶不易破裂。

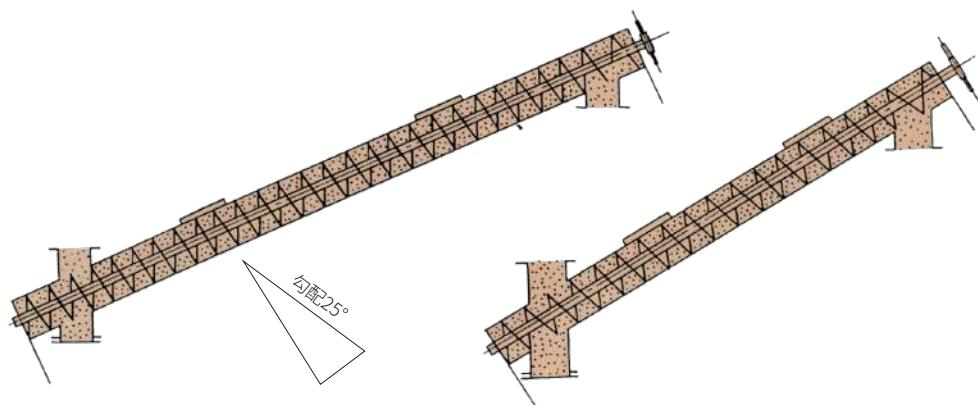
FEATURES

- Ideal for long distance delivery with great loading capacity.
- Superior tension resistance and antifatigue performance. Long service life.
- Extremely impact and fracture resistant.



05 螺旋輸送機

SCREW CONVEYOR



特性

- 適用於粉體、粒體之定量輸送。
- 密閉式輸送，避免空氣污染。

FEATURES

- Ideal for quantitative delivery of powder and grit material.
- Enclosed delivery eliminates air contamination problems.



主要產品 **MAIN PRODUCTS**

斗式提運機

Bucket Elevators

流式輸送機

Flow Conveyors

裙板式輸送機

Apron Conveyors

皮帶輸送機

Belt Conveyors

氣動滑運機

Air Sliders

螺旋輸送機

Screw Conveyors

拖曳鏈條輸送機

Drag Chain Conveyors

深斗式盤運機

Deep Pan Conveyors

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