EXCT is a high-tech enterprise integrating technology research, development, manufacture and sales. With a professional and rich experience team, the company has also introduced a complete scientific management system. It has passed ISO9001:2008 quality management system certification.

At present, EXCT adopts internationally advanced manufacturing technology, using a fully automatic production line and has a fundamental difference between the processes used by domestic manufacturers. The internal stress and thermal deformation generated during the manufacturing process are greatly reduced, and the cumulative error caused by multiple assembly and positioning is avoided, so that the overall error such as coaxiality, cylindricity and concentricity is always maintained at no more than 0.10MM. Finally, the accuracy requirements of the product are ensured, so that the product's rotation resistance, dustproof and waterproof performance, corrosion resistance and energy saving performance are higher than the national standard. The service life of the product can reach more than 50,000 hours, and the damage rate is not more than 5%. The product quality is stable and stable, and it can realize continuous and efficient professional production. The annual output can reach more than 1 million. According to the MT821-1999 standard, the average quality of the first-time product is over 99%.

EXCT conveyor roller has been widely used in mining, metallurgy, coal, coking, port, electricity, building materials, food and other industries, and has a high market share in the domestic and overseas market. It is very popular among customers, and it is an ideal accessory product for conveying equipment.

Conveyor idler structure & production technology process
Conveyor idler advantage

- Supply the various sizes of steel rollers to meet customers' require.
- Automatic simultaneous welding, CNC milling of bearing housings.
- Use cold drawn round steel with high surface accuracy as the shaft material.
- Adopt precision deep-groove ball bearing of international well-known brand.
- The roller has good dynamic and static balance performance.
- Low roller drag and friction to protect the belt.
- Uniquely labyrinth seals design for definitely water/dust proof.
- Low total indicated runout (T.I.R.), Less vibration.
- Making sure long lifetime operation.
## Conveyor idler Specifications

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**Parallel lower idler set**

**DTIA Parallel lower idler set**

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- **B Spiral idler**
- **C Comb idler**
- **A**
- **E**
- **H**
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carrier idler&sag return idler

Polyethylene idler

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### Conveyor idler Case

**Conveyor Rollers for Inner Mongolia Taiping Mining Co., Ltd.**

- **Project Name:** Conveyor rollers for Inner Mongolia Taiping Mining Co., Ltd.
- **Equipment:** Conveyor roller
- **Material:** Various ores
- **Belt Width:** 1400~1800mm
- **Speed:** 3.50 m/s
- **Quantity:** 144600
- **Application Area:** Mining
- **Country/Region:** China
- **Customer Name:** Inner Mongolia Taiping Mining Co., Ltd.
- **Project Time:** September 2013
Application of MC Nylon Roller in Alkali Belt Conveyor of Lianyungang Nanhua alkali factory

Project Name: MC Nylon Roller for Lianyungang Nanhua Soda Plant
Equipment: Conveyor roller
Material: Sodium
Belt Width: 1000 mm
Speed: 1.8 m/s
Quantity: 5000
Application Area: Alkali Factory
Country/Region: China
Customer Name: Lianyungang Nanhua Soda Plant
Project Time: May 2010

New Composite Idler for Shandong Shiheng Tegang Group Co., Ltd

Project Name: New Composite Roller in Belt Conveyor of Shandong Shiheng Tegang Group Co., Ltd.
Equipment: Conveyor idler
Material: Various ores
Belt Width: 1500 mm
Speed: 1.4 m/s
Quantity: 5300
Application Area: Iron Industry
Country/Region: China
Customer Name: Shandong Shiheng Tegang Group Co., Ltd.
Project Time: 2011
Conveyor Idler for Liaoning Huadian Tieling 2*600MW Coal Handling Project

Conveyor Idler for Liaoning Huadian Tieling 2*600MW Coal Handling Project
Project Name: Liaoning Huadian Tieling Power Generation Co., Ltd. Phase II 2*600MW Expansion Project Coal Handling System Project

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Customer Name: Liaoning Huadian Tieling Power Generation Co., Ltd.
## Conveyor Idler for Lianyungang 300,000-ton Ore Wharf Project

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