

Corrugated Cardboard Conveying Solutions

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Innovative



Smart



Safety



Energy saving

Contents





PART 01

Corrugated Cardboard Industry Overview

- Application Overview
- Developing Trend

Application Overview

A corrugated cardboard packaging plant can be divided into seven different sections

- **Corrugated cardboard producing workshop**
- **Product position exchange**
- **Unscrambler**
- **Finished product storing, packaging, conveying**

Typical Plant Design

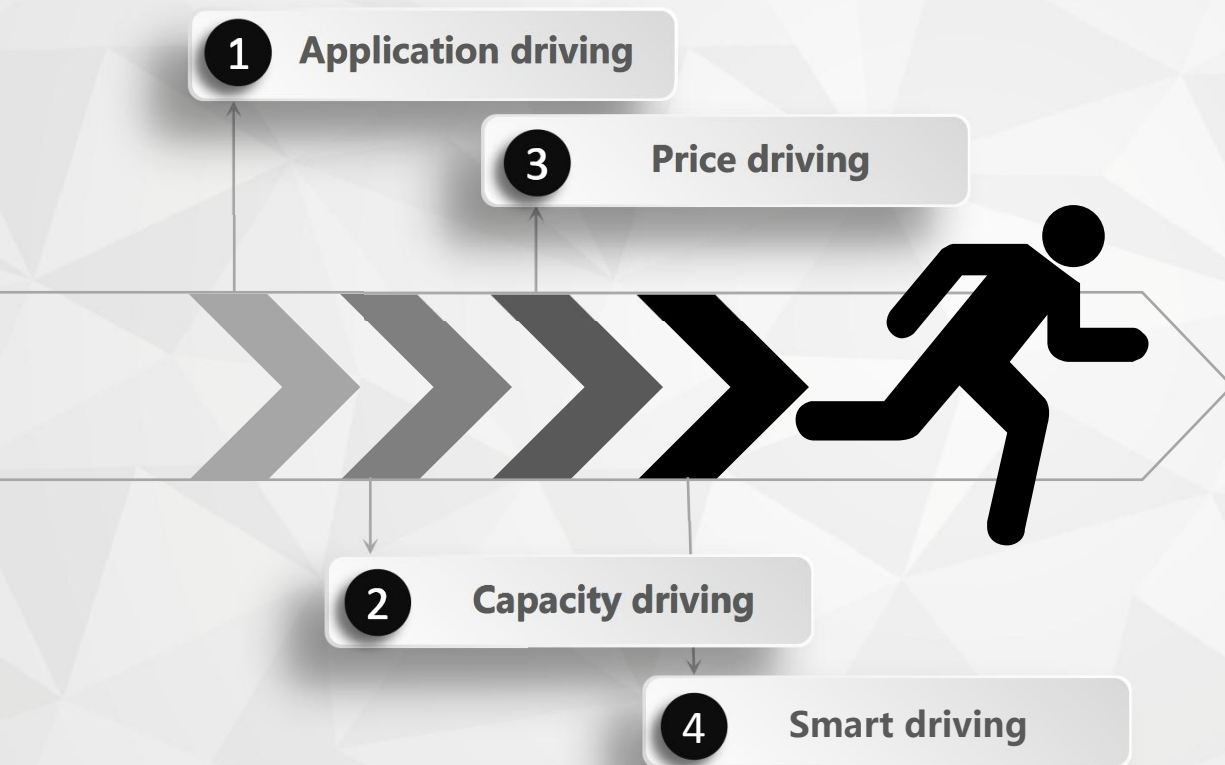
- **Corrugated machinery**
- **Down stackers**
- **90°stack transfer**
- **Transfer car**
- **Storage area**
- **Unscrambler**
- **Packing, loading, transporting**

Application Overview

Requirements of corrugated cardboard production line

- **Safe and stable conveying stack**
- **Stack height should be at least three times bigger than stack width**
- **The smallest stack ensures secure conveying**
- **No degradation to underlying paper, no effect on quality**
- **No paper spread, no deformation**
- **Belt strength 1200KG/m²**
- **High transport and storage capacity**
- **Bidirectional conveying**
- **Speeds up to 40m/min, with smooth rotation, start, stop**
- **Safe operation, long service life and minimum maintenance costs**
- **Simple and convenient installation**
- **Interface easily clean**

Developing Trend



Most traditional conveyor system still adopt roller conveyor line for corrugated paper and cardboard industry, which is the combination of roller and roller conveyor chain plate

The problem that appears:

The conveyor system can cause production losses and material wastes of non-renewable resources.

Besides, , when the operator tries to stand or cross the static and moving roller, accidents occurs easily, which is very dangerous.

Plastic modular belt is smart, safe, stable, of high qualified rate, whic is an inevitable trend to replace traditional roller.



PART 02

Product Intruction

- **Product Technical Data**
- **Product Advantage**

-----Product Intruction-----

With HONGSBELT complete conveying solution, the newest generation corrugated cardboard conveying system can satisfy the highest quality requirements for corrugated production, including storing, loading, conveying of different units, from the middle storage to the final production workshop.

Realize the most accurate corrugated cardboard conveying, the direction and position of stack can be rightly changed. The transfer car and moving conveying provide a smooth delivery in individual conveying. If flowing needed, the stack can be sent to any direction by the rotary disc.

HONGSBELT modular plastic conveyor belt, all for improving productivity, safety and efficiency in corrugated cardboard industry.



Product Technical Data

HS-502A

Pitch: 25mm

Minimum Width: 178mm

Open Area: 0%

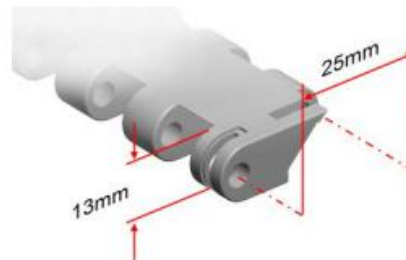
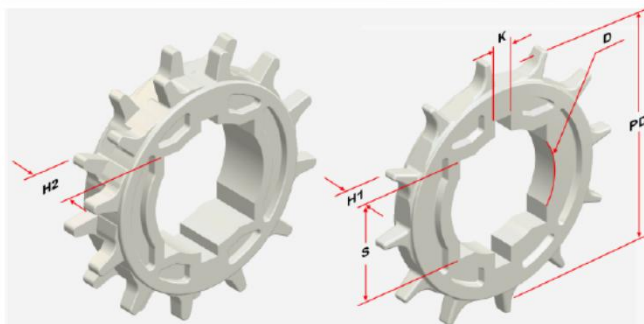
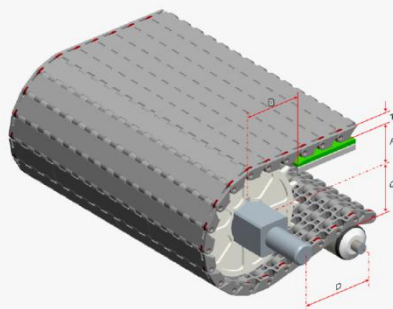
Approved: FDA

Rod: Ø 4.9mm

Flight: Yes

Side Guard: No

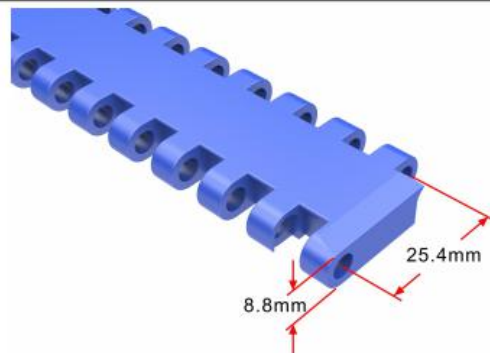
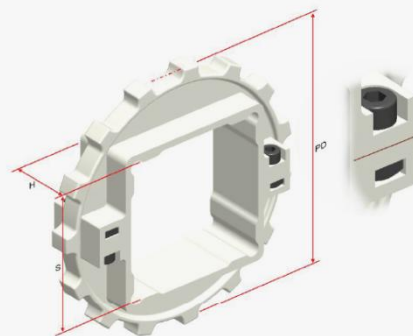
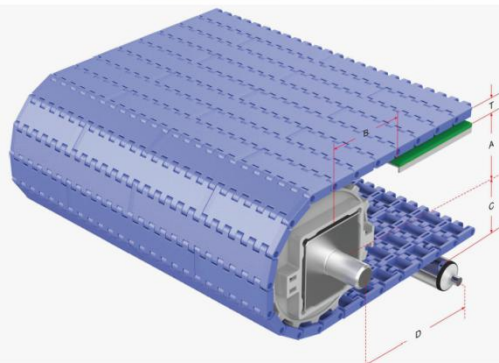
Curve: No

**Matching
Sprocket**

Product Technical Data

HS-502A-HD

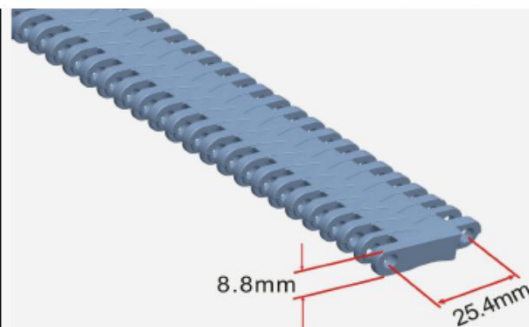
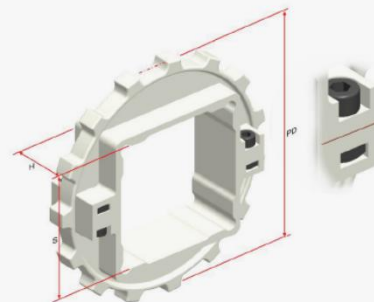
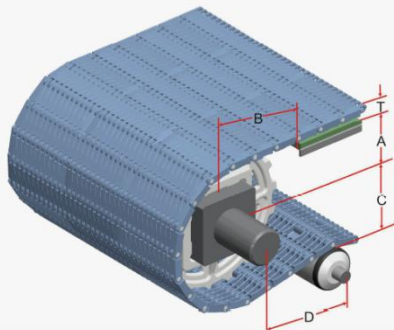
Pitch: 25.4mm
Minimum Width: 150mm
Open Area: 0%
Approved: FDA
Rod: Ø 4.9mm
Flight: No
Side Guard: No
Curve: No

**Matching
Sprocket**

Product Technical Data

HS-502A-HD-D

Pitch: 25.4mm
Minimum Width: 150mm
Open Area: 0%
Approved: FDA
Rod: Ø 5mm
Flight: No
Side Guard: No
Curve: No

**Matching
Sprocket**

Product Technical Data

HS-2800C

Pitch: 25mm

Minimum Width: 179.5mm

Open Area: 0%

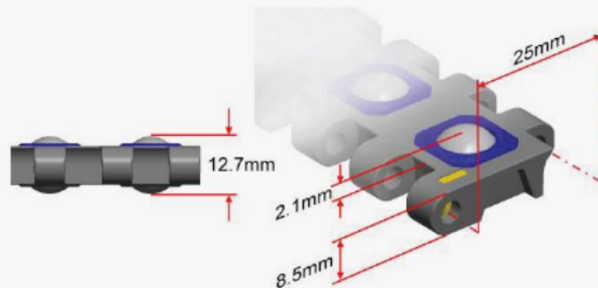
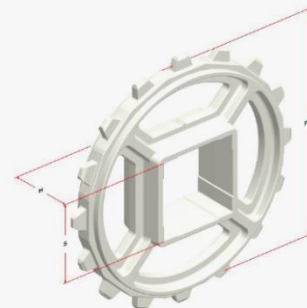
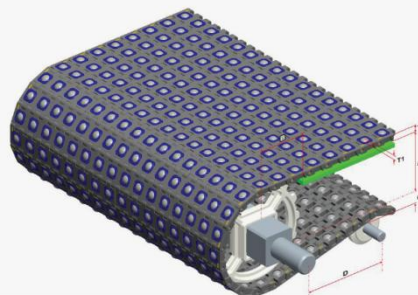
Approved: FDA

Rod: Ø 4mm

Flight: No

Side Guard: No

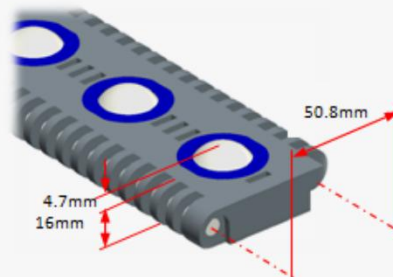
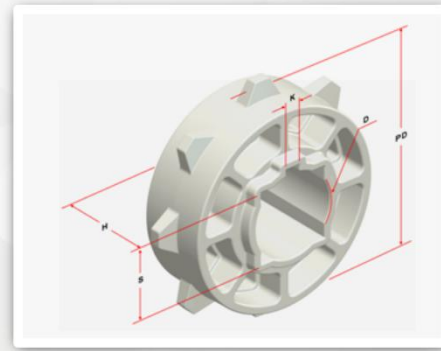
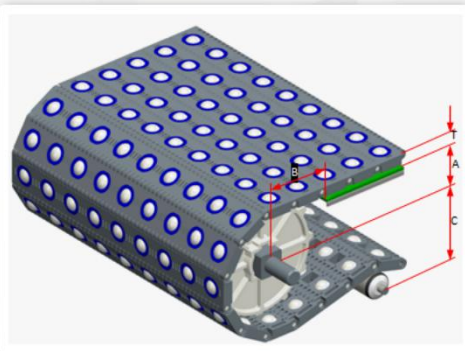
Curve No

**Matching
Sprocket**

Product Technical Data

HS-3800C

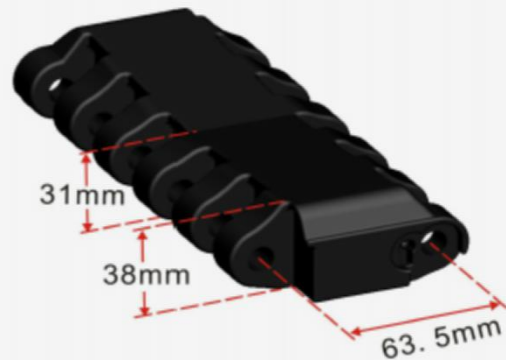
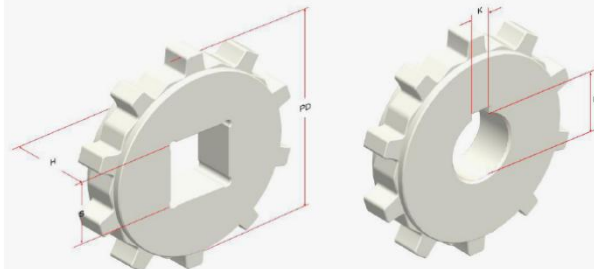
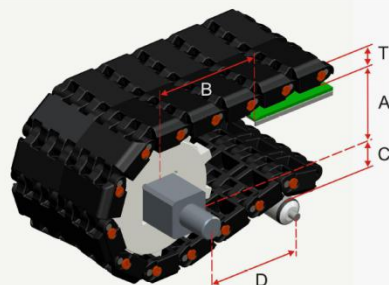
Pitch: 50.8mm
Minimum Width: 259mm
Open Area: 5%
Permit: FDA
Rod: \varnothing 6mm
Flight: Non
Side Guard: Non
Curve: Non

**Matching
Sprocket**

Product Technical Data

HS-1800E

Pitch: 63.5mm
Minimum Width: 200mm
Open Area: 0%
Approved: FDA
stainless steel Rod: \varnothing 10mm
Flight: No
Side Guard: No
Curve: No

**Matching
Sprocket**

Product Advantage

Low Maintenance

1

Firm, reliable and simple means of conveying

Linked by modules

It can be made up of different width, length, pitch and surface type

Suitable for heavy-duty applications, belt strength up to 1200KG/m² when operating

Smooth speeds up to 40m/min, with smooth start and smooth stop

Long service life, low maintenance

Clean surface can improve production quality

Long Service Life

2

Improvement of Qualified Products

3

Product Advantage

4

Heavy Duty

5

Easy Assembling Disassembling



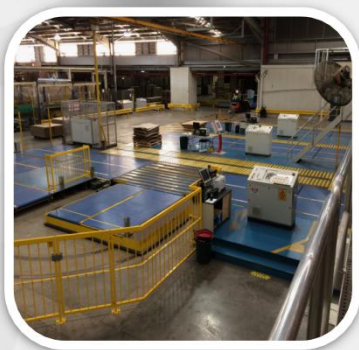
PART 03

Product Application

- Site Application

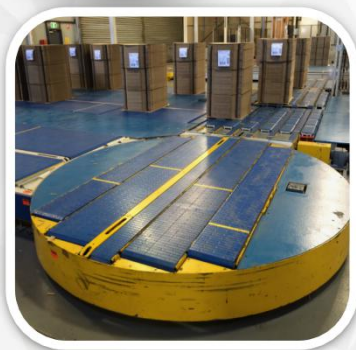
Site Application

Smart logistics
conveyor system



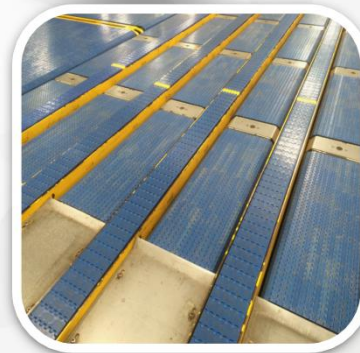
Belt type :
HS-502A - H D
HS-1500A-HD(Thicker Type)

Rotary disk
conveying
equipment



Belt type :
HS-502A - H D

XY conveyor
system



Belt type :
HS-502A - H D
HS-1500 A-HD(Thicker Type)

Corrugated
ground modular
conveying line



Belt type :
HS-502A - H D
HS-1500 A-HD(Thicker Type)

Site Application

**Big hanging
basket
stackers**



Belt type :
HS-502A-H D
HS-1500A-H D (Thicker Type)

**Corrugated
ground modular
conveying line**



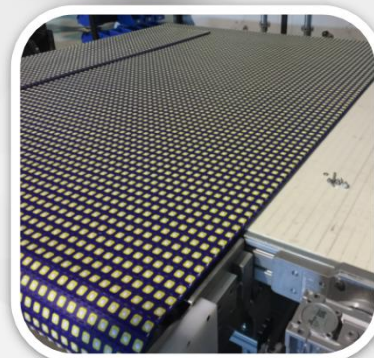
Belt type :
HS-502A-H D

**Heavy-
duty
turning
conveying**



Belt type :
HS-3800C

**Light-duty
sorting
conveying**



Belt type :
HS-2800C

Site Application

Wide cardboard
turning conveyor
after counting
machine

High-speed
counting
machine wide
continuous
conveyor system

Medium paper
packaging
machine heavy-
duty conveying
line

Medium paper
packaging
machine heavy-
duty conveying
line



Belt type :
HS-300 B - H D

Belt type :
HS-300 B - H D

Belt type :
HS-1800E

Belt type :
HS-1800E

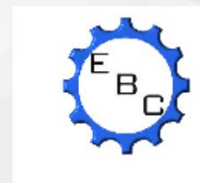


PART 04

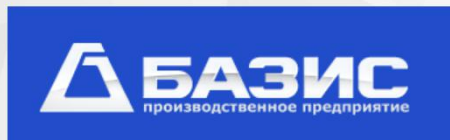
Successful Case

- Display of Partners

Foreign partners



Foreign partners



Domestic Partners



艾斯克股份

SSK STOCK

Domestic Partners



中国一汽



比亚迪汽车



山东明玮



开拓科技



润兴 runxing



自信 简单 高效 专业





PART 05

After-sales Guarantee

- Guarantee for Delivery Time
- After-sales Response

Guarantee for Delivery Time

Standardization

Mass Production

Advanced Equipment

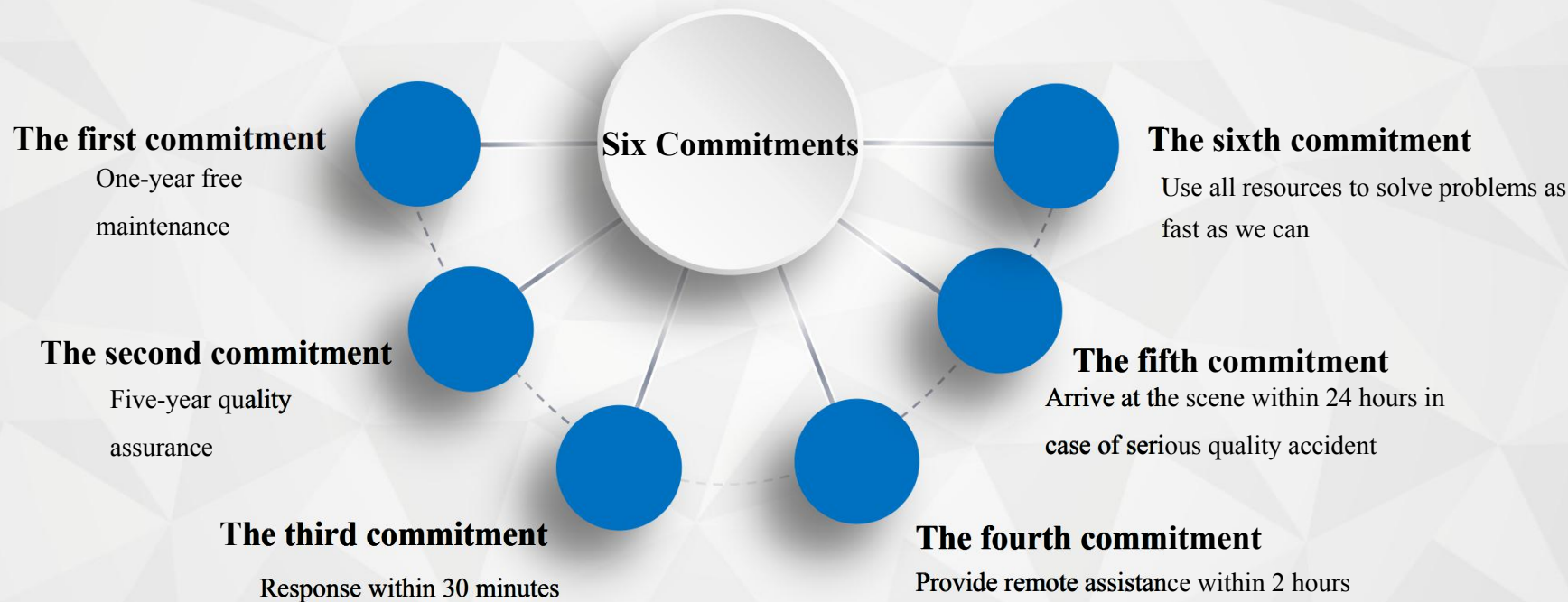
Immediate Schedule for Production

Accessory Inventory



1. Standard production process and assembly sequence to meet the requirement of mass production.
2. Bring in advanced foreign processing equipment with higher precision so as to ensure quality and appearance.
3. Related accessories of conveying equipment are all in stock, and the conveyor belt is self-produced to ensure immediate schedule for production.
4. Delivery within appointed time after the drawings are confirmed, and leave the factory after successful pilot run.

After-sales Response



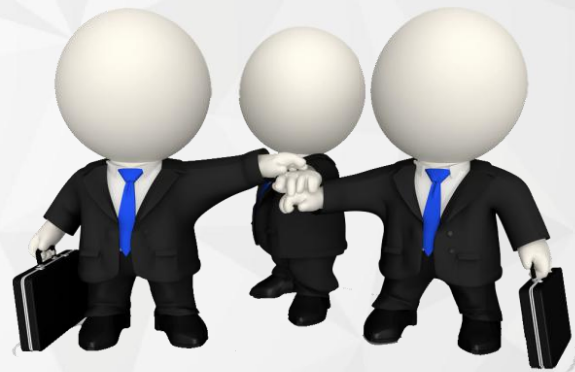
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YOU!**

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