

# Corrugated Cardboard Conveying Solutions

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**Innovative**



**Smart**



**Safety**



**Energy saving**



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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

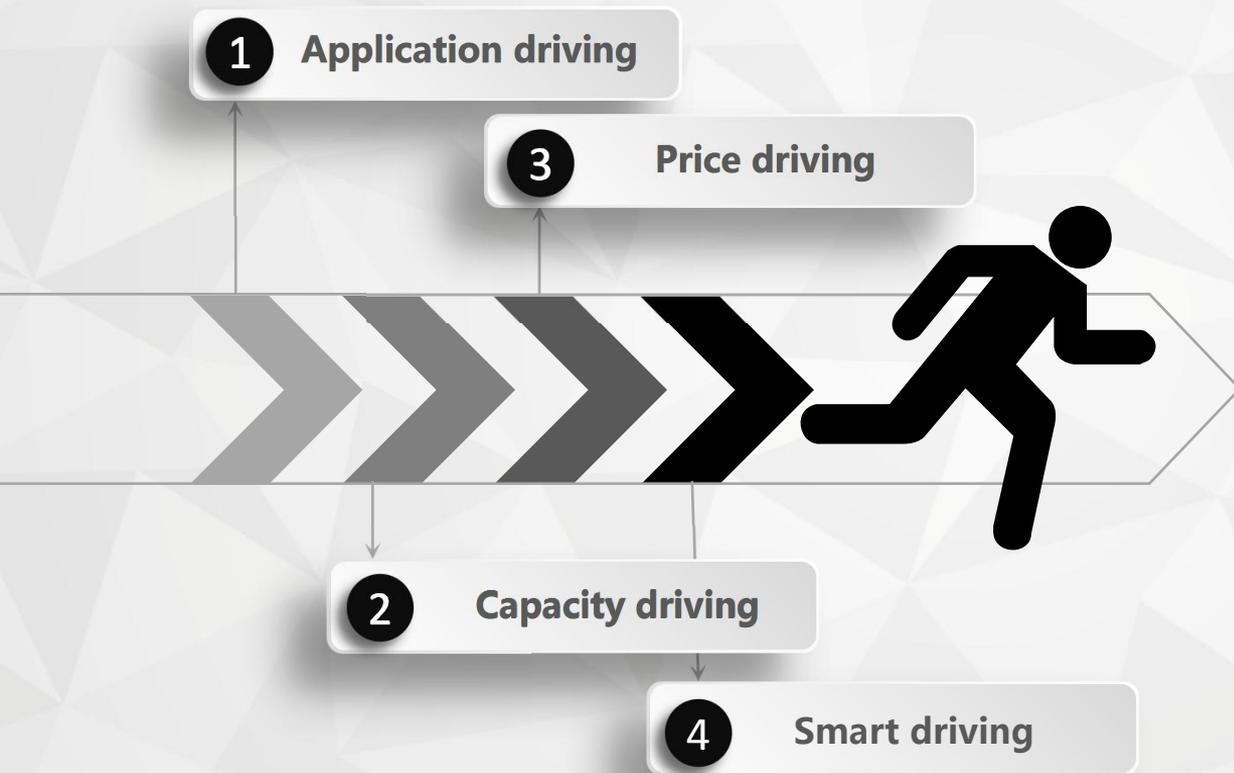
- **Corrugated machinery**
- **Down stackers**
- **90° stack transfer**
- **Transfer car**
- **Storage area**
- **Unscrambler**
- **Packing, loading, transporting**

# 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/m<sup>2</sup>**
- **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, which is an inevitable trend to replace traditional roller.



PART 02

# Product Intruction

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

**Product Introduction**

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%

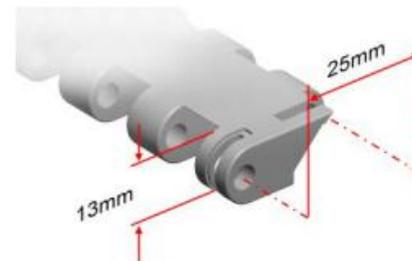
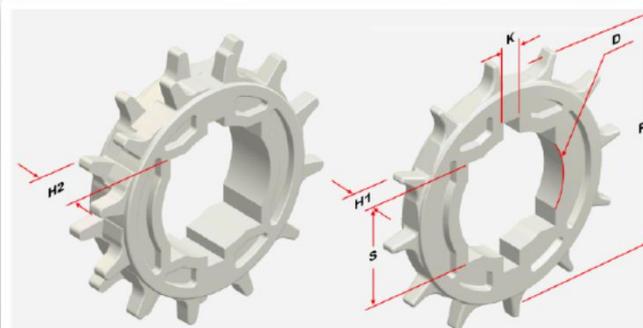
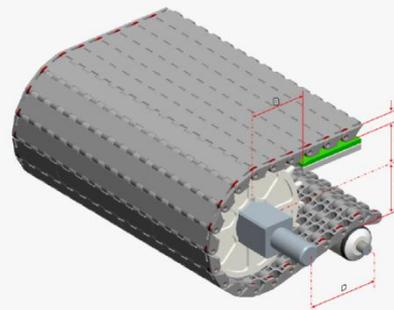
Approved: FDA

Rod:  $\varnothing$  4.9mm

Flight: Yes

Side Guard: No

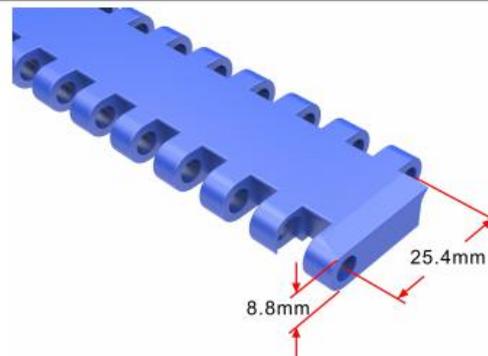
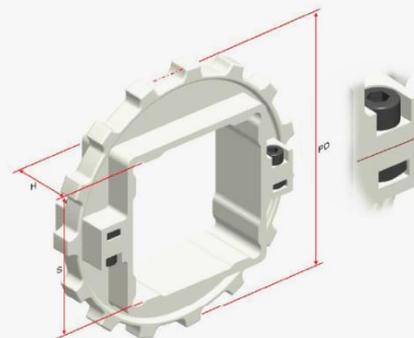
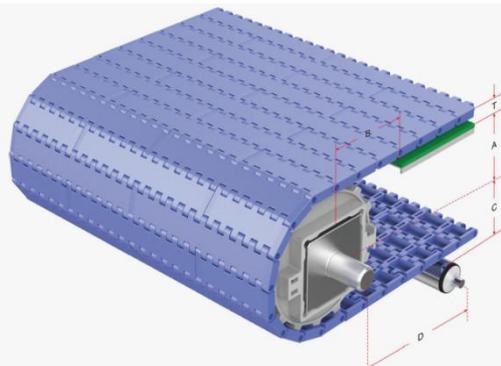
Curve: No

**Matching  
Sprocket**

# Product Technical Data

**HS-502A-HD**

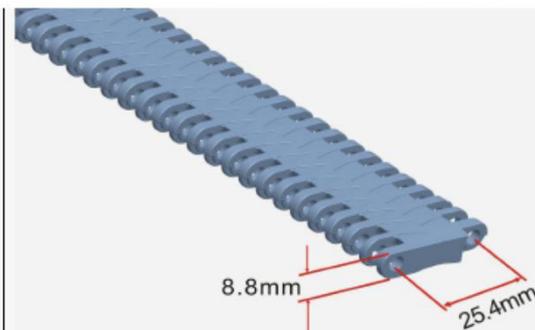
Pitch: 25.4mm  
Minimum Width: 150mm  
Open Area: 0%  
Approved: FDA  
Rod:  $\varnothing$  4.9mm  
Flight: No  
Side Guard: No  
Curve: No

**Matching  
Sprocket**

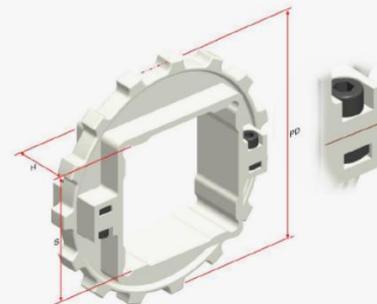
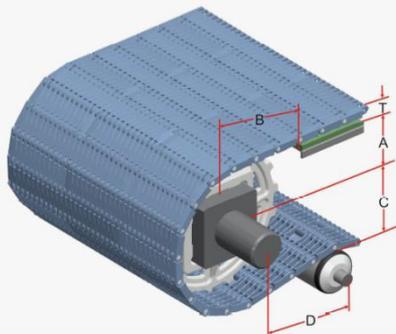
# Product Technical Data

**HS-502A-HD-D**

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



**Matching  
Sprocket**

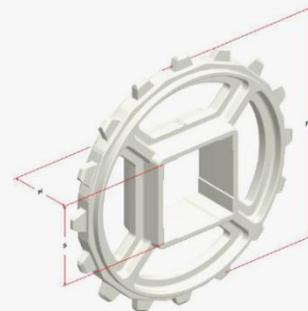
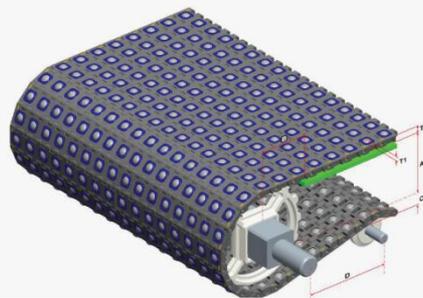
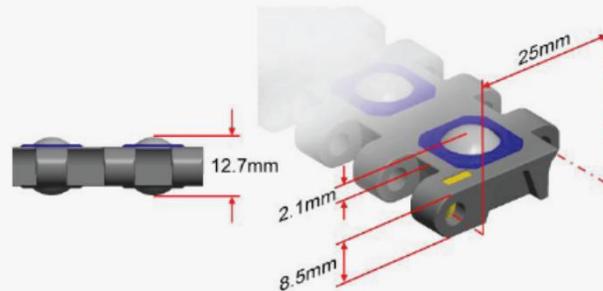


# Product Technical Data

**HS-2800C**

**Matching  
Sprocket**

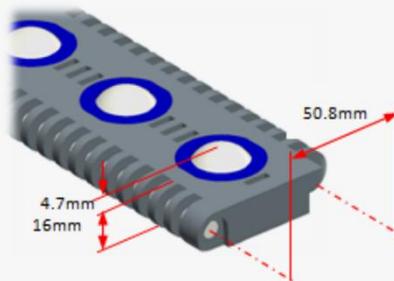
Pitch: 25mm  
Minimum Width: 179.5mm  
Open Area: 0%  
Approved: FDA  
Rod:  $\varnothing$  4mm  
Flight: No  
Side Guard: No  
Curve No



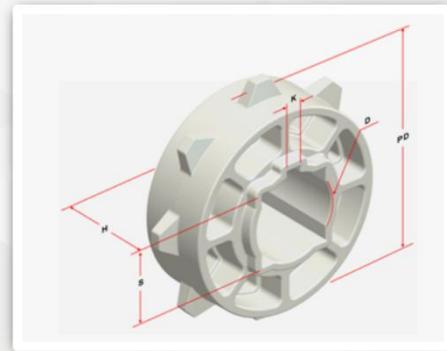
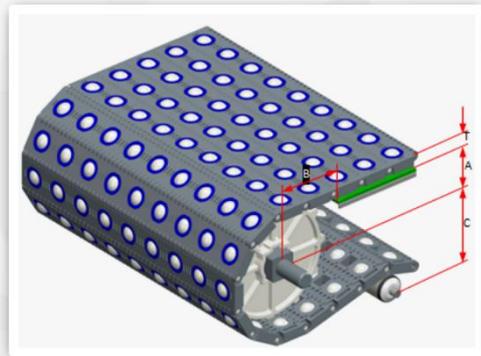
# Product Technical Data

**HS-3800C**

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



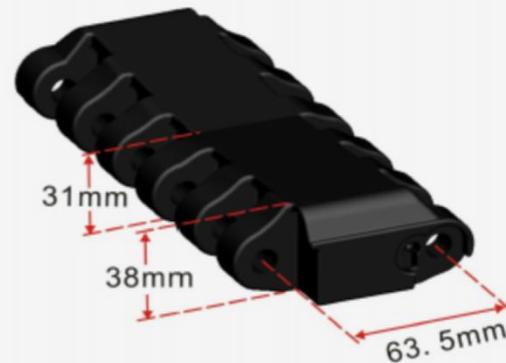
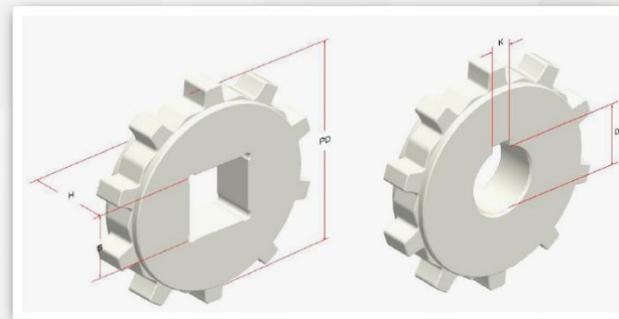
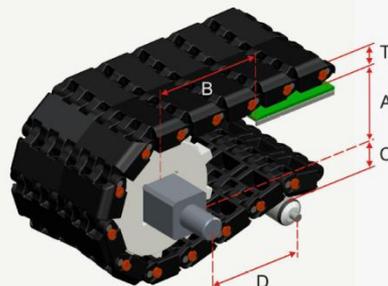
**Matching  
Sprocket**



# 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/m<sup>2</sup> 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****3**

## Improvement of Qualified Products

**Product Advantage**

**5**

## Easy Assembling Disassembling

**4**

## Heavy Duty



PART 03

# Product Application

- Site Application

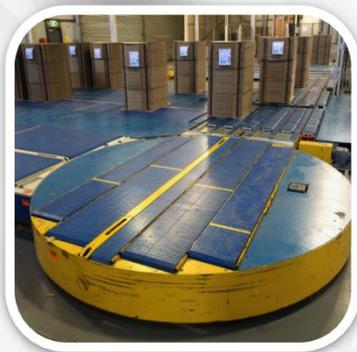
# Site Application

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)

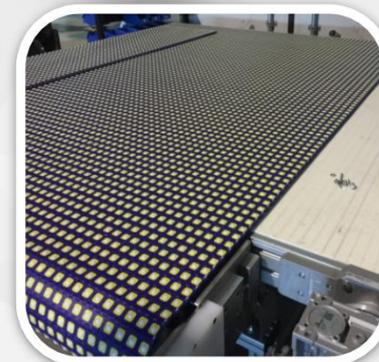
Site Application

Big hanging  
basket  
stackers

Corrugated  
ground modular  
conveying line

Heavy-  
duty  
turning  
conveying

Light-duty  
sorting  
conveying



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

Belt type :  
HS-502A-H D

Belt type :  
HS-3800C

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

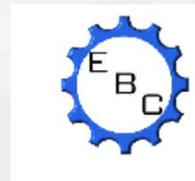


PART 04

# Successful Case

- Display of Partners

Foreign partners



Foreign partners



Domestic Partners



Domestic Partners





PART 05

# After-sales Guarantee

- Guarantee for Delivery Time
- After-sales Response

# Guarantee for Delivery Time

## Standardization

### Mass Production

## Advanced Equipment

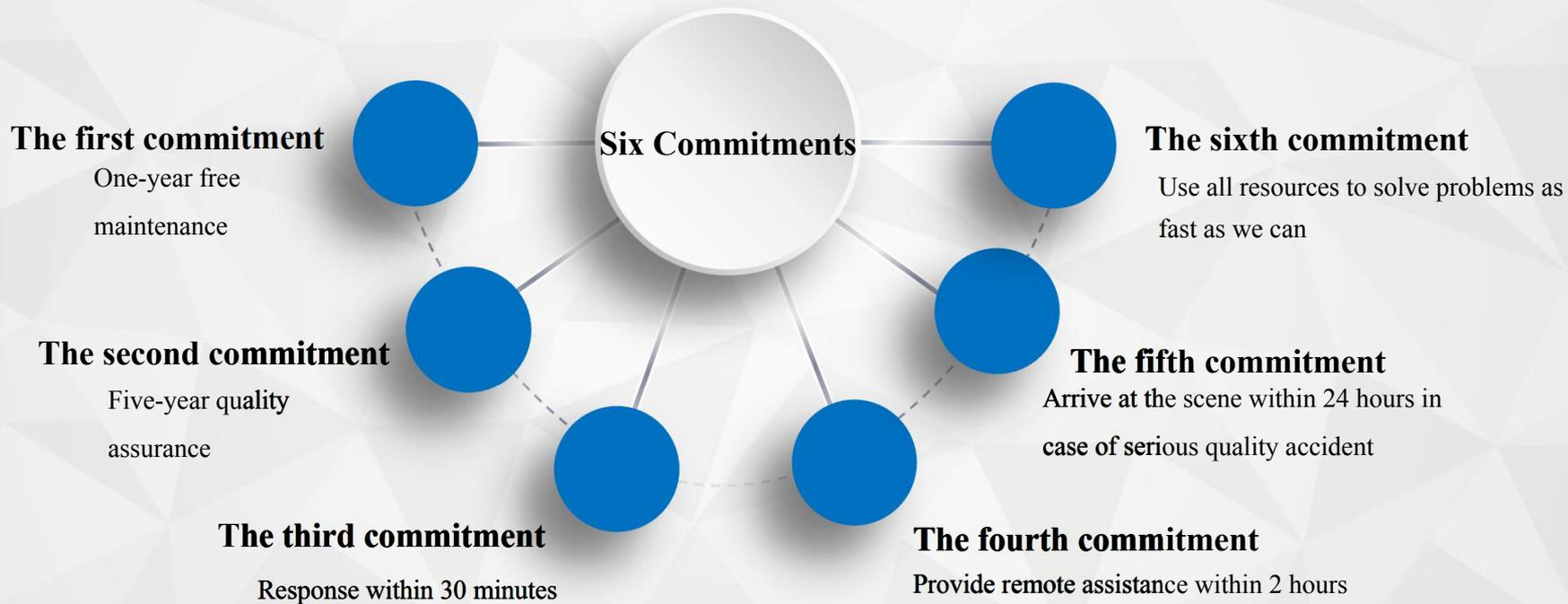
### Immediate Schedule for Production

## 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



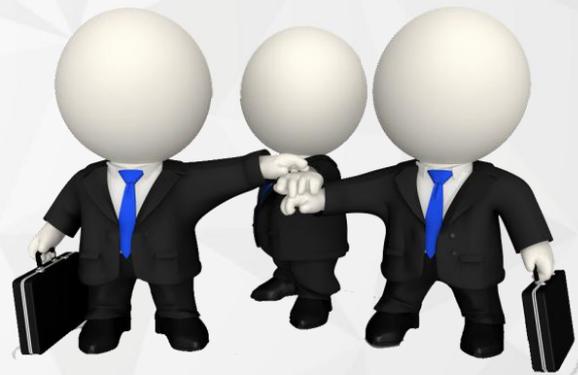
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# THANK YOU!



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