

# Modular Belt Conveyors for Corrugated Cardboard

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**Innovative**



**Smart**



**Safety**



**Energy saving**



## PART 01

# Products Introduction

- Conveyor Parameters
- Function
- Related Modular belt

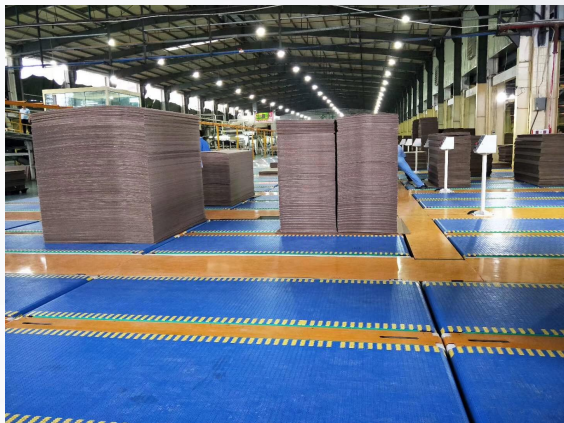
## Corrugated cardboard modular conveyor system - Intelligent, Economic, Efficient

With the rapid consumption and development of cardboard and carton box, higher requirements have been put forward for the corrugated industry. The original paper and cardboard conveying are the key part of logistics in this industry. The traditional manual operation due to high cost, low efficiency and poor safety can not meet the needs of automated upgrades in the corrugated industry.

On this industry background, thanks to our strong R&D teams and industry advantages, HONG'S BELT focused on the in-depth needs of the corrugated market and developed flexible modular belt conveyor solutions with independent intellectual property rights.

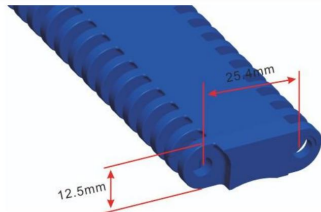


# Corrugated Modular Belt Linear Conveyor

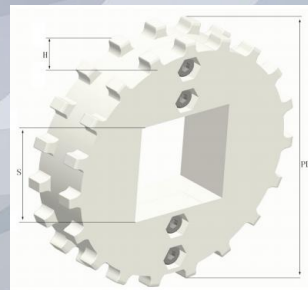
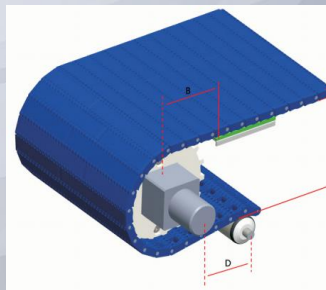


**HS-4800A**

Pitch: 25.4mm  
Minimum Width: 38mm  
Open Area: 0%  
Approved: FDA  
Rod:  $\varnothing$  4.9 mm  
Flight: No  
Side Guard: No  
Curve: No



**Sprocket**



## Main Parameters

Power: 1.5KW

Speed: Max.30M/min (modular belt)

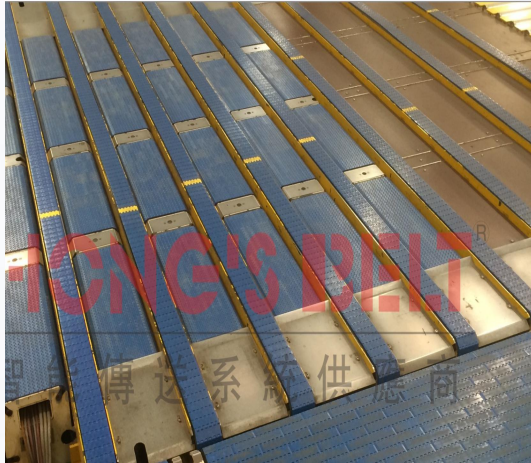
Motor: Nord

Modular belt: Connected by modules, low maintenance cost

Loading Capacity: 1.5-2T (with belt HS-502A-HD) and 2.5-3T (with belt HS-4800A)

**Function:** Main for corrugated cardboard conveying

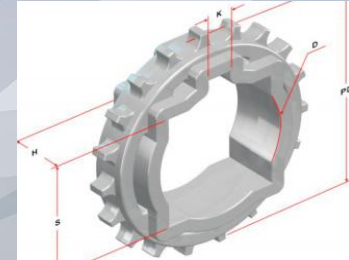
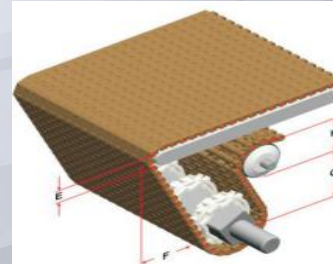
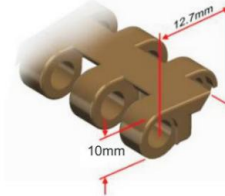
# 90 Degree Turn Conveyor



**HS-1500A  
-HD**

**Sprocket**

Pitch: 12.7mm  
Minimum Width: 76mm  
Open Area: 0%  
Approved: FDA  
Rod: Ø4.7mm  
Flight: No  
Side Guard: No  
Curve: No



## Main Parameters

Power: 3.0KW

Speed: Max.15M/min (modular belt)

Motor: Nord

Modular belt: Connected by modules, low maintenance cost

Loading Capacity: 3T

**Function:** Manage 90 degree turns with precision

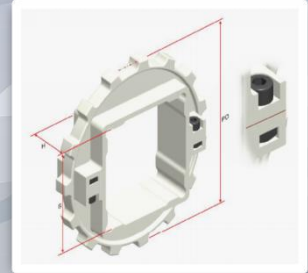
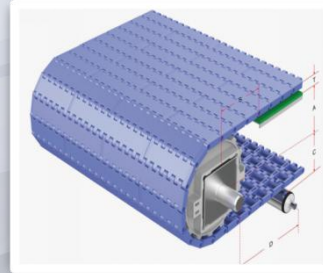
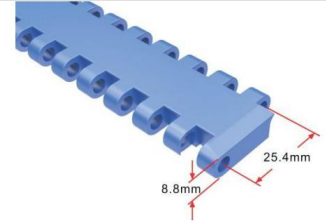
# Transfer Car



**HS-502A-  
HD**

**Sprocket**

Pitch: 25.4 mm  
Minimum Width: 76mm  
Open Area: 0%  
Approved: FDA  
Rod: Ø 4.9mm  
Flight: Yes  
Side Guard: No  
Curve: No



## Main Parameters

Motor: Nord

Size: 2600mmWx3600mmLx350mm, Max. Loading Capacity is 3T

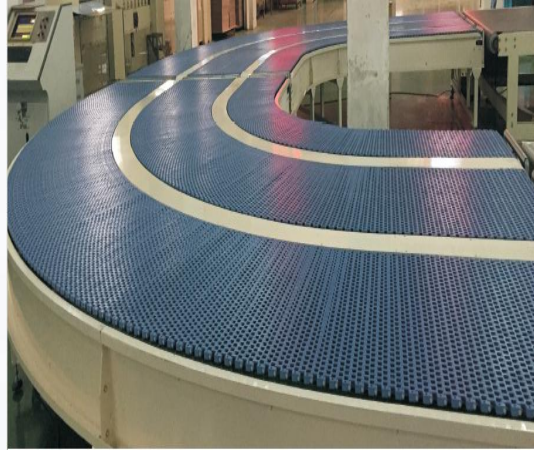
Power: 1.5KW (modular belt); 4.0KW (Transfer Car)

Speed: Max.30M/min (control by Inverter)

Modular belt: Connected by modules, low maintenance cost

**Function:** Main for corrugated cardboard conveying, equipped with protection device which adopting safety mechanical anti-collision device

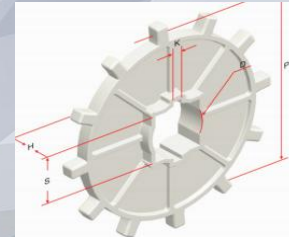
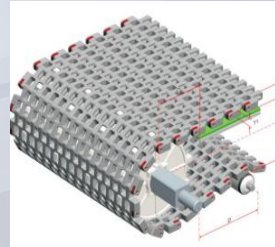
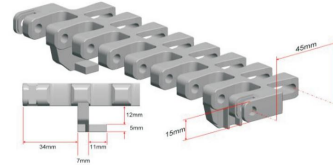
# Ultra-wide Turning Conveyor



**HS-300B-  
HD-GB**

**Sprocket**

Pitch: 45mm  
Minimum Width: 218mm  
Open Area: 38%  
Approved: FDA  
Rod:  $\varnothing 5.8\text{mm}$   
Flight: No  
Side Guard: No  
Curve: Yes



## Main Parameters

Size: R2750\*W3059\*H720//R2750\*W2840\*720//R2750\*W2621\*720

Loading Capacity: 0.5T (with belt HS-300B-HD-GB)

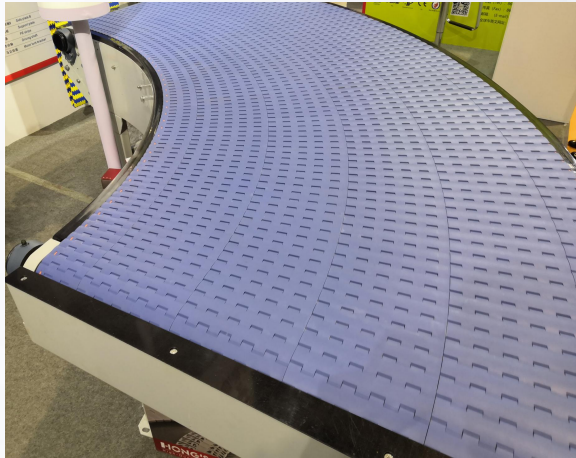
Motor: Nord; Power: 3.0KW

Speed: Max.50M/min (control by Inverter)

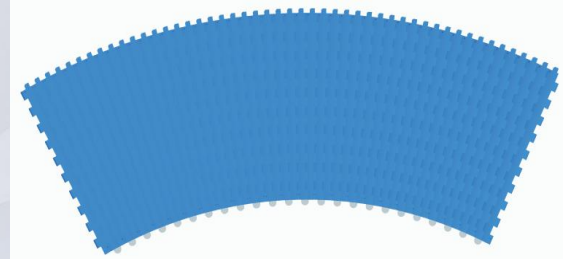
Modular belt: Connected by modules, low maintenance cost

**Function:** Main for turning conveying for corrugated cardboard, to solve the problem of a large area occupied after the small hanging basket.

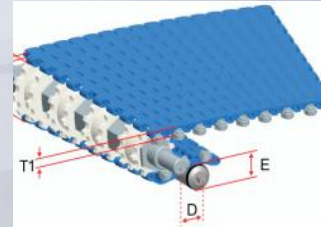
# 90 Degree Flat top modular curve conveyor



HS-8000A  
-RC



Sprocket



## Main Parameters

Size: R1100\*W1000\*H720//R1100\*W1200\*H720//R1100\*W1500\*H720

Loading Capacity: 1.0T (with belt HS-8000A-RC)

Motor: Nord; Power: 1.1KW

Speed: Max.60M/min (control by Inverter)

Modular belt: Connected by modules, low maintenance cost. It suitable for goods larger than belt width due to the conveying surface is upper than the conveyor frame.

**Function:** Function: Main for turning conveying of carton box packaging.

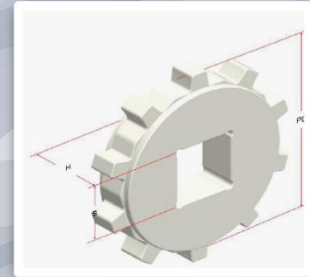
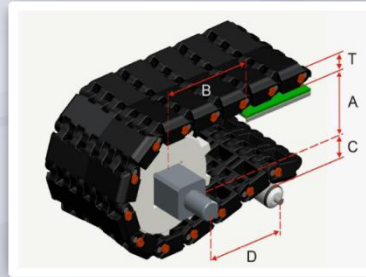
# Heavy-duty Modular Belt Conveyor for Original Paper



HS-1800E

Sprocket

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



## Main Parameters

Loading Capacity: 3.0T (with belt HS-1800E)

Power: 5.0KW

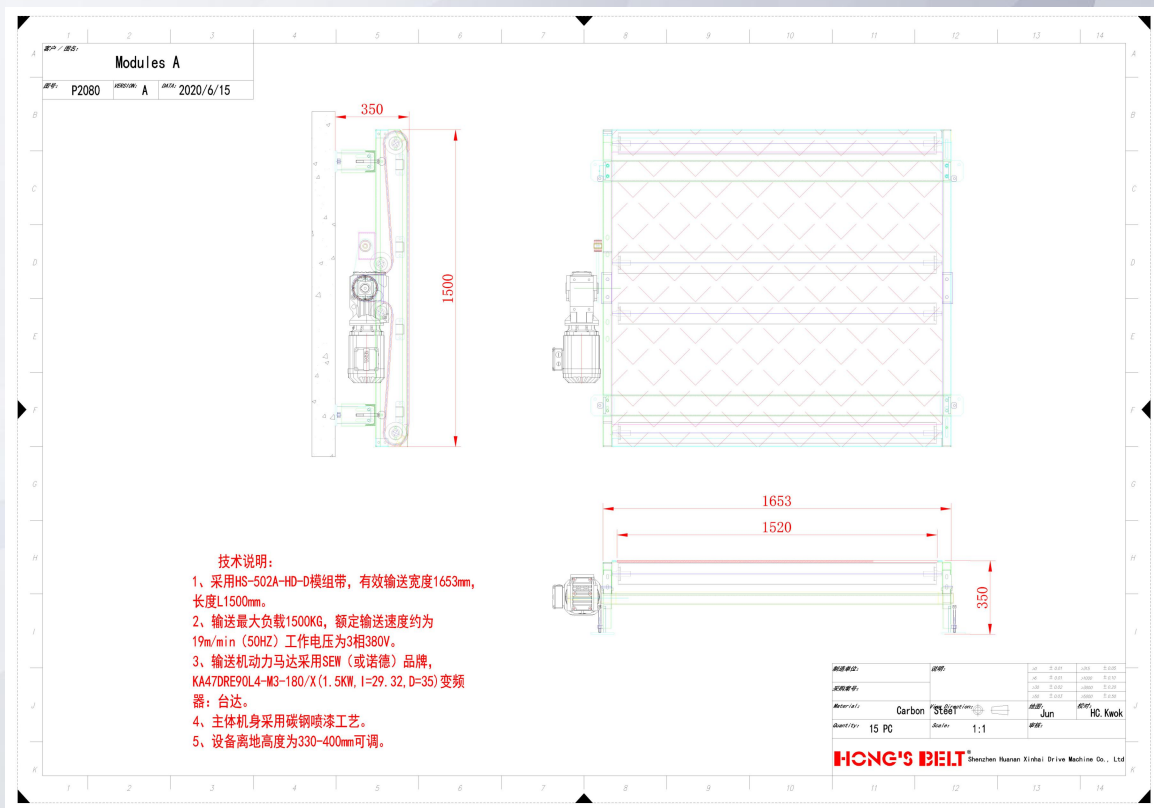
Speed: Max. 15M/min (modular belt)

Motor: Nord

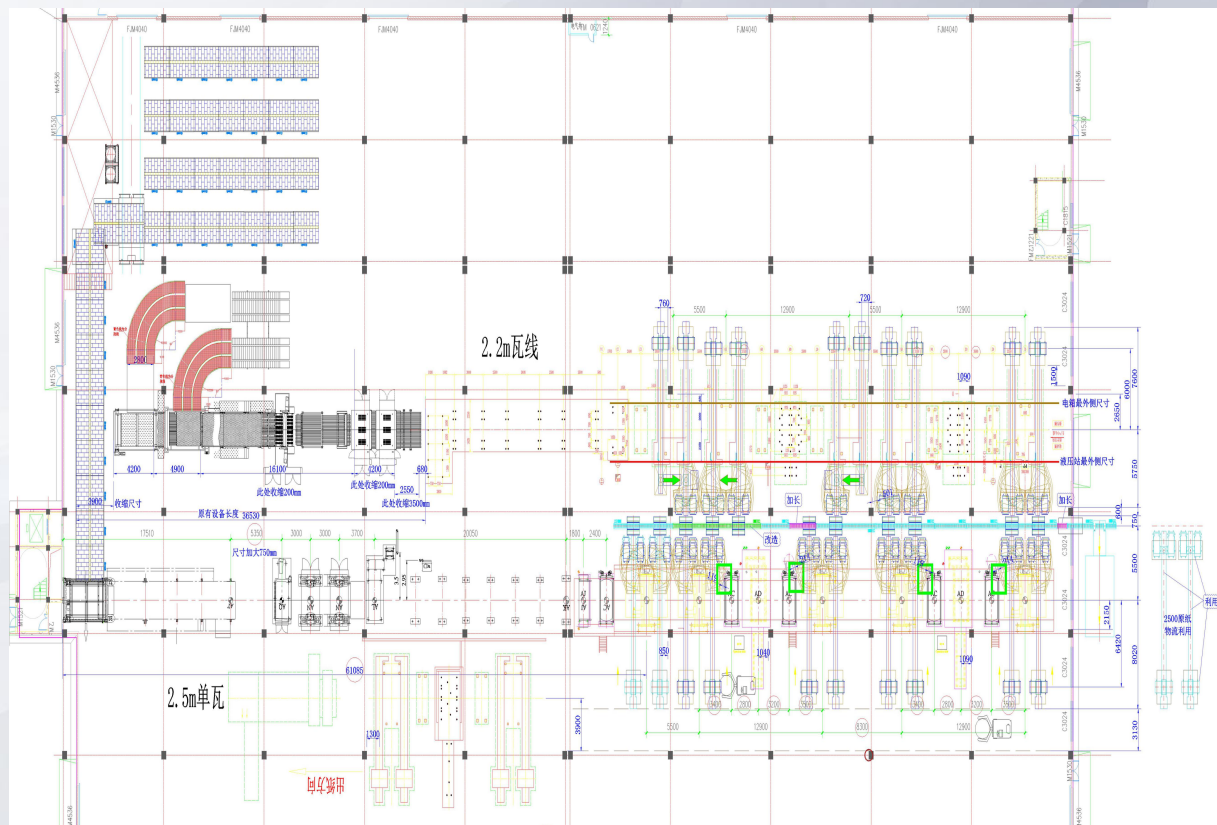
Modular belt: Connected by modules, low maintenance cost.

**Function:** Function: Main for conveying corrugated original paper.

# Design Drawing of Modular belt Corrugated Conveyor



## Layout of Cardboard Production Line





PART 02

# Product Advantage

- Advantage of Modular Conveyor

# Product Advantage

Low Maintenance

1

2

Long Service Life

Product Advantage

5

Easy Assembling  
Disassembling

4

Heavy Duty

3

Improvement of Qualified Products

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 3000KG/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



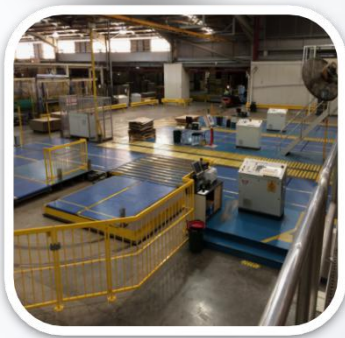
PART 03

# Product Application

- Site Application

## Site Application

Smart logistics  
conveyor  
system



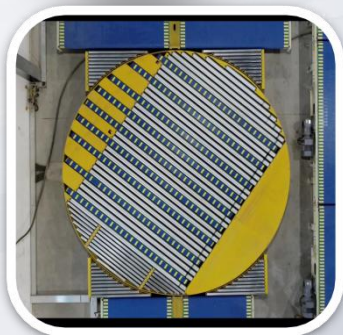
Belt type:

HS-502A-HD

HS-4800A

HS-1500A-HD(Thicker Type)

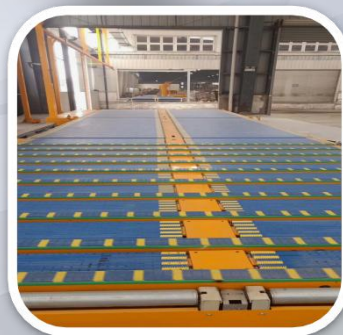
Rotary disk  
conveying  
equipment



Belt type:

HS-502A-HD

XY conveyor  
system



Belt type:

HS-502A-HD

HS-1500A-HD(Thicker Type)

HS-4800A

Corrugated  
ground modular  
conveying line



Belt type:

HS-502A-HD

HS-502A-HD-D

HS-1500A-HD(Thicker Type)

HS-4800A

## Site Application

Big hanging  
basket  
stackers



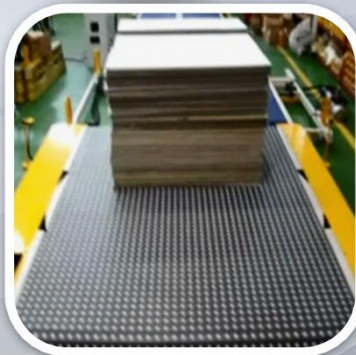
Belt type:  
HS-502A-HD  
HS-4800A  
HS-1500A-HD(Thicker Type)

Corrugated  
ground modular  
conveying line



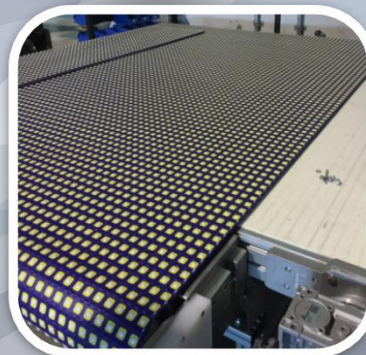
Belt type:  
HS-502A-HD  
HS-502A-HD-D  
HS-4800A

Heavy-duty  
turning  
conveying



Belt type:  
HS-3800C

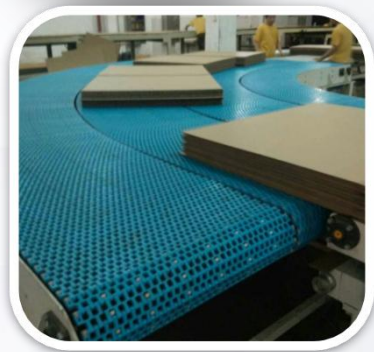
Light-duty  
sorting  
conveying



Belt type:  
HS-2800C

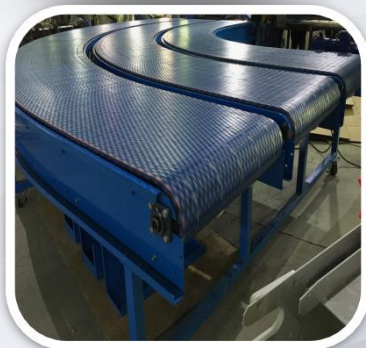
## Site Application

Wide cardboard  
turning conveyor  
after counting  
machine



Belt type:  
HS-300B-HD-GB

High-speed counting  
machine wide  
continuous conveyor  
system



Belt type:  
HS-300B-HD-GB

Medium paper  
packaging machine  
heavy-duty conveying  
line



Belt type:  
HS-1800E

Medium paper  
packaging machine  
heavy-duty conveying  
line



Belt type:  
HS-1800E



PART 04

# After-sales Guarantee

- Guarantee for Delivery Time
- After-sales Response

## Guarantee for Delivery Time

**Standardization**

**Mass Production**

**Advanced Equipment**

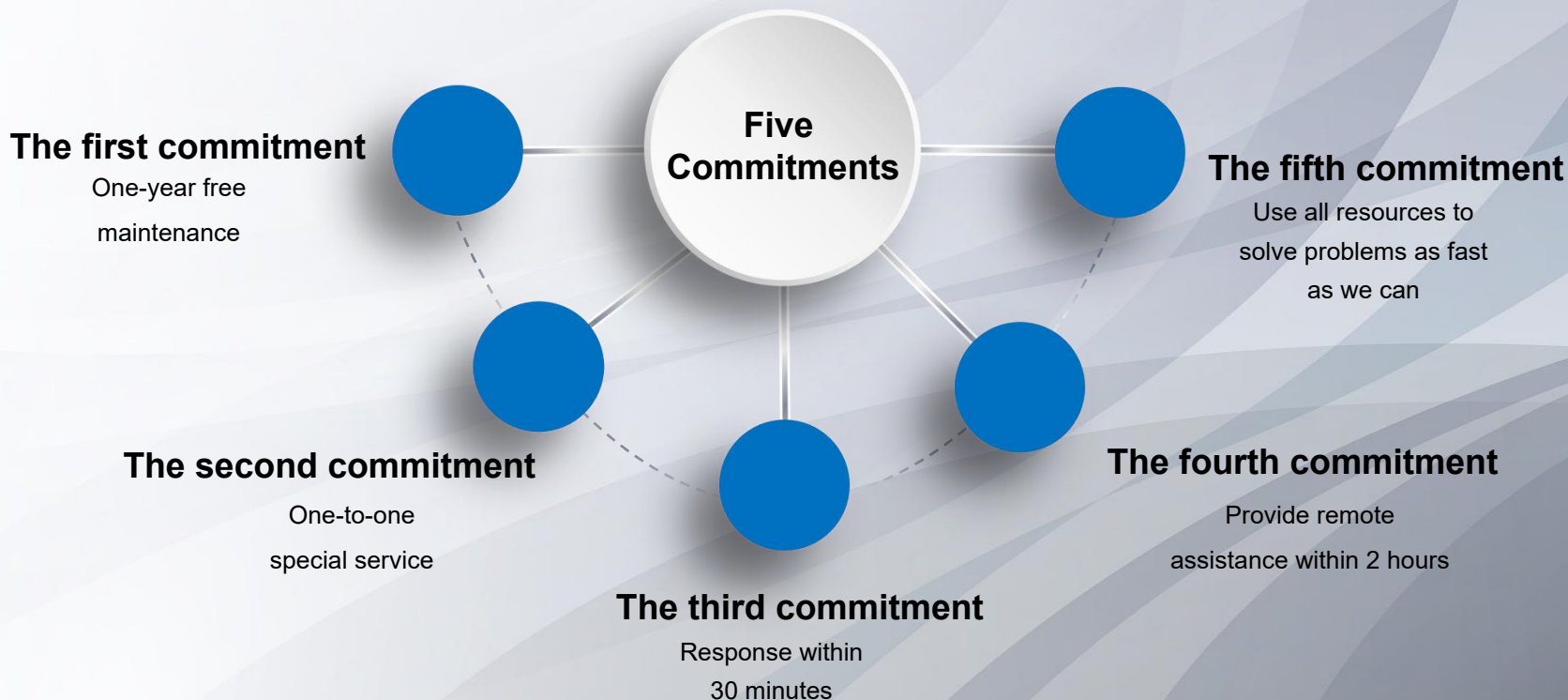
**Accessory Inventory**

**Immediate Schedule  
for Production**



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



**THANKS**  
**谢谢**



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