



ORDER PROCESS GUIDE

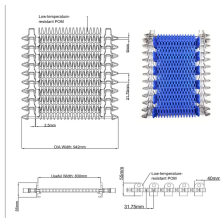
YOUR BELT ORDER, STEP BY STEP

What happens after your enquiry,
shown with photos from our factory

PROVEN · STABLE · VERIFIED



From your drawing to a packed belt



1

Drawing

We draw your belt; you approve it before anything is made.



2

Material

Every incoming batch: mill documents, spectral and hardness test.



3

Wire drawing

In-house stainless wire drawing for the wire your belt needs.



4

Forming

Spirals, links and rods formed and checked against the drawing.



5

Welding

Robot welding on spiral freezer belts, then each weld checked.



6

First article

The first section is measured before mass production.



7

Drum test

Spiral, self-stacking and side driven belts: every order.



8

Final inspection

100% of the belt, before packing.



9

Packing

Film, wrapping and export wooden cases.

Five worries — and where this guide answers them

Every answer is a step you can see, a photo or a record you can ask for.

Your worry	What we show you	Pages
Will the new belt fit my equipment?	What to send us, how we draw it, and how you approve the drawing.	5–7
Is the material really 304 / 316?	Mill documents, spectral and hardness testing on every incoming batch.	9–10
Will the batch match the sample?	Trial production and first article before mass production.	13–14
Will it arrive straight and undamaged?	100% final inspection, packing and shipping.	15–18
Who helps me if something goes wrong?	A reply usually within 8 working hours, and the steps we follow.	21–22

How you can check: ask for the photos and records of your own order at any step.

What happens after you send us an enquiry?

You approve each step before the next one starts.

#	Step	What we do	What you approve or can check
1	Enquiry	You send parameters, a drawing, or the old belt and photos.	The checklist on page 6
2	Technical review	We review structure, operating conditions, drive and drawing, and list missing information.	Our written questions
3	Quotation	Specification and trade terms; lead time confirmed for your order. Usually valid 15 days.	Quotation in writing
4	Drawing and PI	The approved drawing and confirmed PI become the technical basis of the order.	You sign the drawing and PI
5	Deposit	T/T; customized orders usually 30% deposit.	Payment terms on the PI
6	Material check	Mill documents, spectral and hardness testing for every incoming batch.	Material documents as agreed
7	Trial and first article	Trial production, then complete first-article confirmation.	First-article photos to confirm
8	Mass production	Forming, assembly, welding and straightening, with patrol inspection.	Progress updates as agreed
9	Matching verification	Drum test on every spiral freezer, self-stacking and side driven order.	Verification photos
10	100% final inspection	Pitch, width, length, flatness, welds, cleanliness, appearance.	Inspection photos as agreed
11	Packing and shipment	Export wooden case; sea, air, rail or courier; EXW / FOB / CIF.	Packing photos and documents

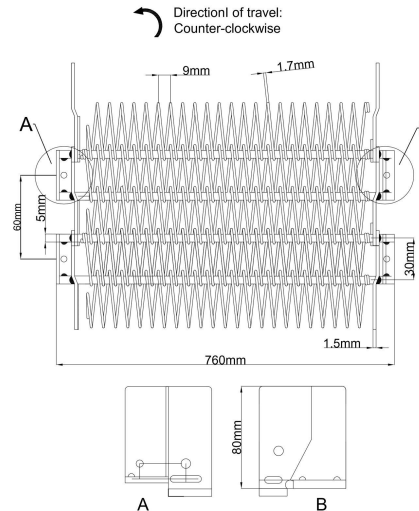
New equipment or a replacement belt?

Your concern: is the process the same for a large project and a single replacement belt?

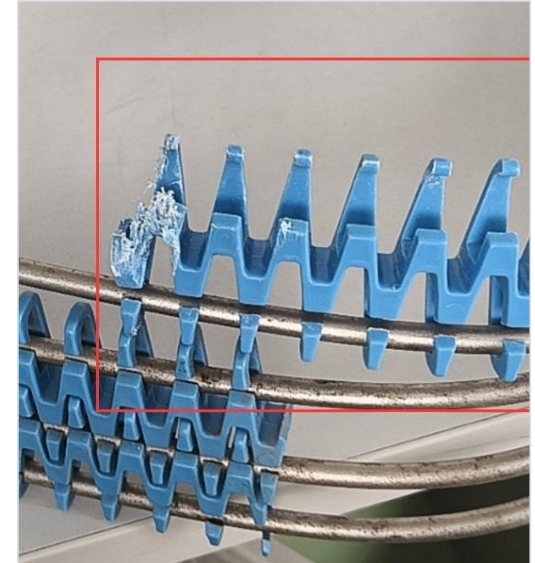
OEM and distributor projects Your drawing → our drawing
→ trial production → first article → mass production.

Replacement belts Your old belt or a short section, plus photos of the equipment → we measure it → our drawing for your approval.

Both paths The same material checks, the same 100% final inspection.



A drawing we made for a repeat order



A worn section sent by a buyer for measuring

What should I send for a quotation?

Your concern: answering the same questions again and again.

Always New equipment, replacement or spare; application; width and length (mm / in); material; structure; drive; quantity.

If you have them A drawing, a short section of the old belt, photos of the sprockets and the equipment.

Why it matters A worn belt is not the original design. We confirm the values with you on the drawing, not from a photo alone.



A buyer's photo of the existing sprocket



A buyer's photo of the belt in use

How you can check: send what you have; we reply with written questions for anything that is missing.

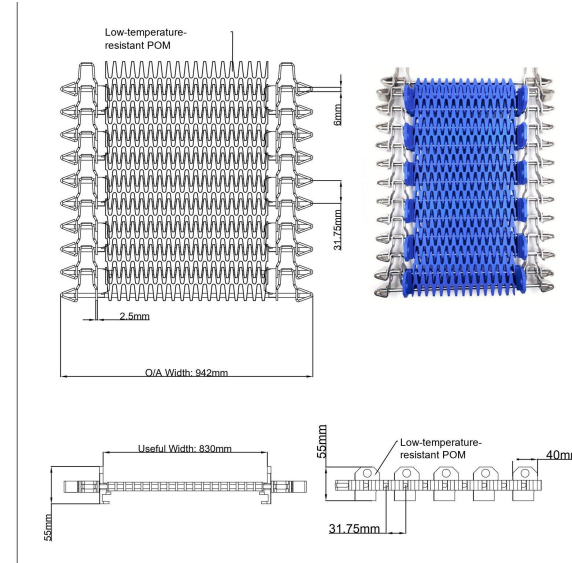
You approve the drawing before we make anything

Your concern: the factory understands the belt differently from you.

Our drawing Widths, pitch, wire and rod sizes, edges and attachments, in mm and in.

Your approval The signed drawing and the confirmed PI are the technical basis of the order.

Changes Any change after approval goes into a new drawing revision.



One of our side driven belt drawings

How you can check: ask for our drawing with your quotation.

Quotation, PI and deposit

Your concern: terms that change after you order.

Item	How it works
Quotation validity	Usually 15 days. If stainless steel prices move sharply, we may quote again.
Payment	T/T is common. Customized orders usually need a 30% deposit; the terms are written on the PI.
Minimum order	Belts usually from about 10 m, confirmed for each project.
Lead time	Confirmed for each order by product, specification, quantity and production schedule.
Samples	Agreed case by case.

How you can check: every term above is written on your quotation and PI before you pay.

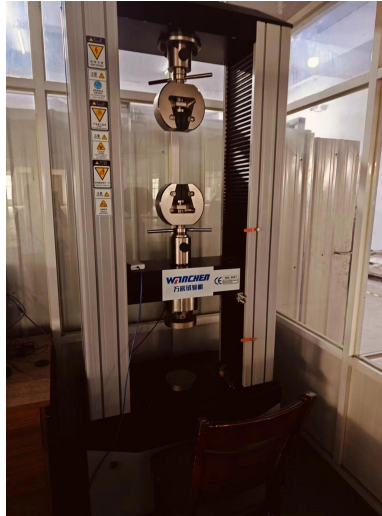
Every incoming batch is tested

Your concern: is the stainless steel really what the quotation says?

What we check Steel mill documents, material confirmation, spectral analysis and hardness testing for every incoming batch.



Spectral analysis



Tensile tester



Hardness tester

How you can check: ask for the material documents of your order.

Wire and rods drawn in-house, then measured

Your concern: wire and rod sizes that drift from the drawing.

In-house One stainless steel wire drawing line and one round-bar drawing line. Diameters are measured against the approved specification.



Wire drawing



Wire diameter check



Rod diameter check

How you can check: ask for measurement photos of the wire and rods used in your belt.

Forming and assembly to your drawing

Your concern: a belt that is not flat or square.

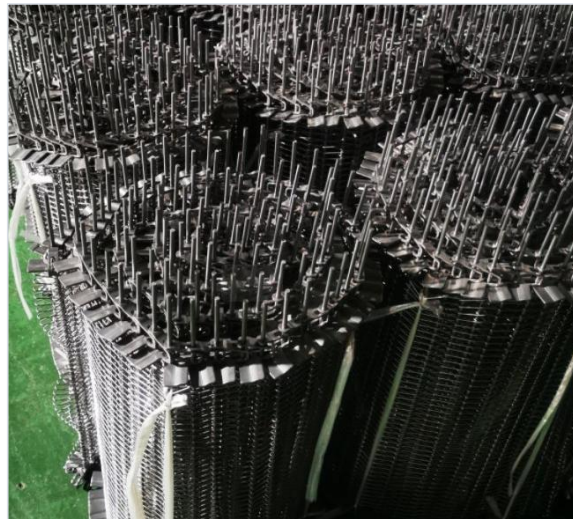
What we do Spirals and links formed and checked, then assembled and straightened to the approved drawing, with patrol inspection.



Spiral forming



Spirals before assembly



Assembled sections

How you can check: ask for in-process photos of your belt.

Welding: robots on spiral freezer belts

Your concern: weak or rough welds.

What we do 9 automatic welding robots in the factory. The welding method depends on the belt structure; every weld is checked.



Robot welding cell



Robot welding line

How you can check: ask for close-up photos of the welds on your belt.

Trial production and first article

Your concern: the batch does not match the sample.

What we do The first section is measured against your drawing: pitch, rods, links, edges. Mass production starts after you confirm it.



Pitch



Link



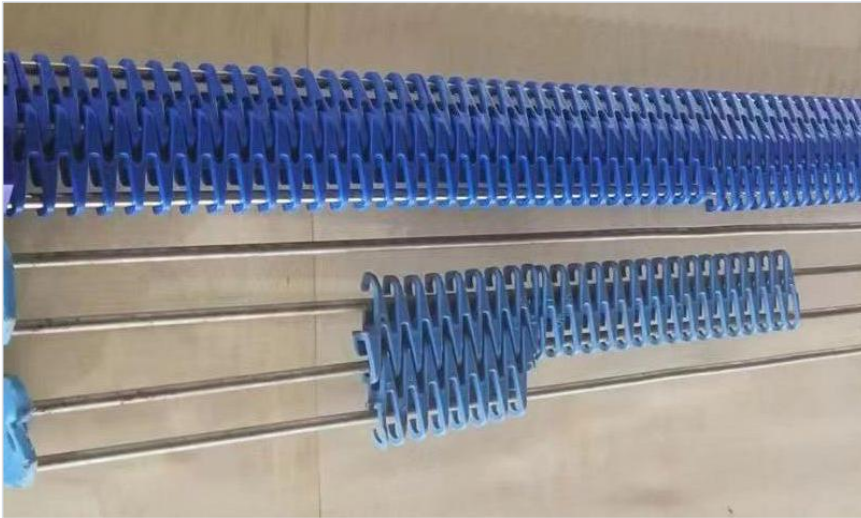
Rod

How you can check: first-article photos are sent to you before mass production starts.

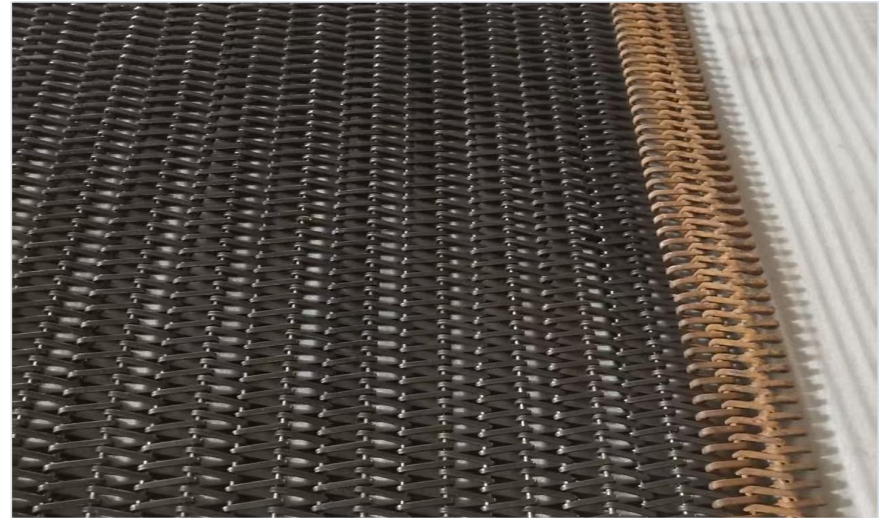
For replacements: the new section beside your old belt

Your concern: will the new belt match the old one already on your line?

What we do When you send a section of the old belt, we lay the new section beside it and photograph them together.



New section above, original belt below



New belt joined to the buyer's old sample

How you can check: send a short section of your old belt with the enquiry.

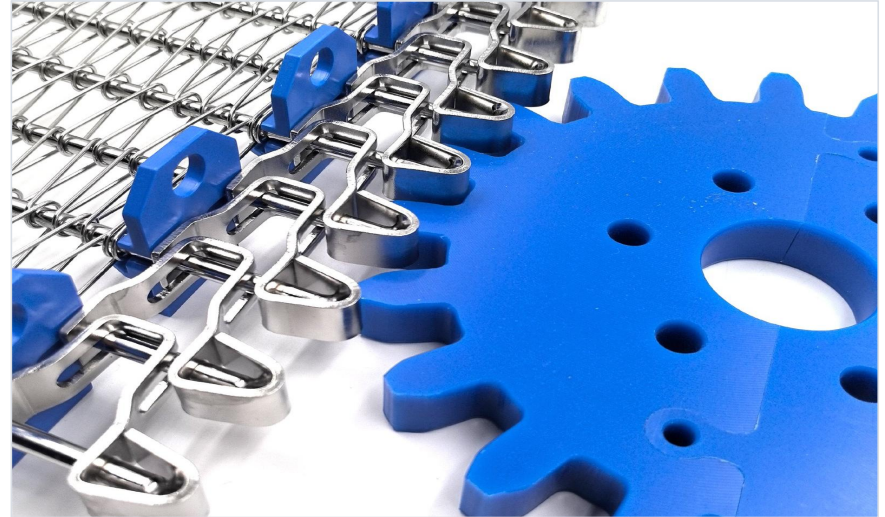
Drum test and sprocket check

Your concern: a belt that will not turn on your drum or run on your sprockets.

What we do Every spiral freezer, self-stacking and side driven order is laid out at the turning diameter and measured. Other belts are checked against the sprocket where this applies.



Drum test at the turning diameter



Side links on a sprocket

How you can check: ask for drum-test photos and the measured diameter.

100% final inspection before packing

Your concern: problems you only find on site.

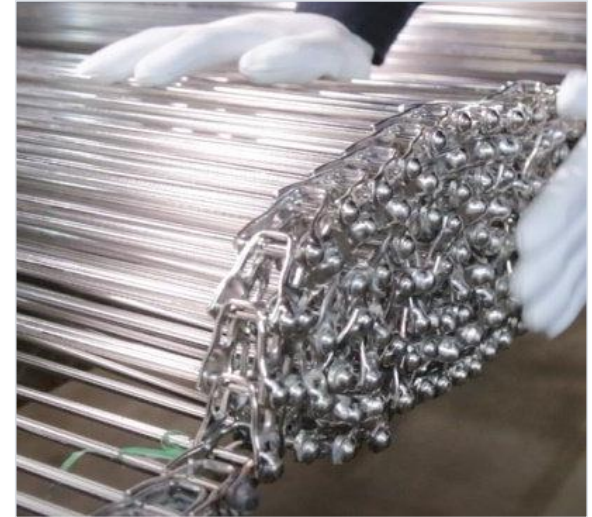
What we check Pitch, width, length, flatness, welds, edges, cleanliness and appearance on the full belt. A full check, not a promise of zero defects.



Width



Link pitch



Edges and welds

How you can check: ask for final-inspection photos of your belt.

Packed for a long route

Your concern: a belt bent, crushed or rusty on arrival.

How Film and wrapping inside; export wooden case outside (15 mm / 0.59 in panels, ISPM15 frame); steel reinforcement on cases 3,800 mm (149.6 in) or wider; anti-rust oil on carbon steel.



Inner: film-lined case



Inner: wrapped belt



Outer: wooden case

How you can check: packing photos are sent before shipment.

Shipping and documents

Your concern: unclear costs and missing papers at the port.

Transport Sea, air, rail (including China–Europe rail) or courier.

Trade terms EXW, FOB or CIF, written on the PI.

Documents Packing list and invoice; certificate of origin available.

Updates Shipment and arrival information as agreed for the order.



Cases loaded for shipment (labels blurred)

How you can check: tell us your port and preferred trade term with the enquiry.

What we make in-house — and what we source

Your concern: are you a factory or a trader?

Where	Process
Made in our factory	Stainless wire drawing, round-bar drawing, forming, assembly, welding (robot welding on spiral freezer belts), straightening, in-process and final inspection.
Sourced, then checked by us	Some chains and sprockets, pickling, electropolishing, heat treatment, wooden cases. Checked against the project specification.



Production workshop

How you can check: ask which steps of your order are made in-house.

Your next order is made to the same records

Your concern: the second order comes out different.

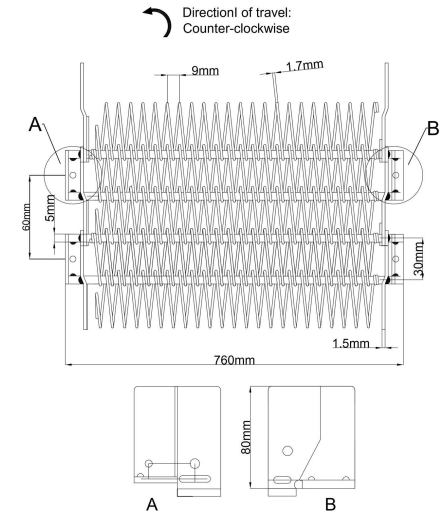
Records The approved drawing and revision, material and production records, inspection photos and your confirmations.

Traceability A batch code can be stamped on parts, so any part can be traced to its batch.

Before you reorder Tell us which inspection documents you need.



Batch code stamped on a tier plate



The drawing kept for repeat orders

If something goes wrong, this is what happens

Your concern: nobody takes responsibility after the belt arrives.

#	Step	What happens
1	You report it	Order number, photos and videos of the problem. We usually reply within 8 working hours.
2	We review it	Production and quality records of your order are checked.
3	Cause and responsibility	We explain what happened, based on the records — not by assumption.
4	Solution	Agreed with you for the specific case.
5	Prevention	The cause is recorded and the next order is checked against it.

How you can check: the 8-working-hour reply is our usual practice, not a contractual deadline; keep the order number and photos ready.

What we will not promise — and what we do instead

Your concern: a supplier who promises everything.

We will not promise	What we do instead
A fixed lead time for every order	Confirm the lead time for your order in writing.
A fit guaranteed from a photo	Measure your old belt and confirm the drawing with you.
Zero defects	100% final inspection with photos you can see.
Everything made in-house	Tell you which steps are sourced.
One life or temperature for all belts	Confirm it for your operating conditions.

How you can check: if a supplier promises all of the left column, ask how they check it.

See the full steps in our case studies

Your concern: has this factory done projects like mine?

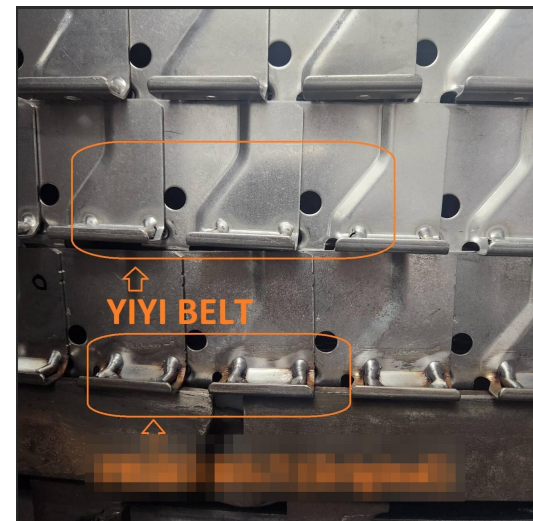
Case studies Side driven, balanced weave, self-stacking and nine more belt types: each with the buyer's sample, our drawing, the first article and the packing.



Thailand: replacement side driven belt



Spain: new belt running with the original sample



Korea: new belt beside the original on site

How you can check: ask for the case study of your belt type.

A factory you can check

Your concern: who is behind the e-mail?

Company Ningjin Yiyi Mesh Belt Co., Ltd., Ningjin, Shandong, China.

Site 27,000 m² site with a 12,000 m² workshop.

Quality system ISO 9001:2015 quality management system certificate (a system certificate, not a product certificate).

Trade fairs Own booths since 2020, including iba Munich 2023 and iba Düsseldorf 2025.

Video tour You can book a live video tour of the factory.



Our site



Our office team (faces blurred)

How you can check: book a video tour, or ask for a copy of the ISO certificate.



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Send your drawing or old-belt photos

- Belt width and length (mm / in)
- Equipment and drive
- Material and operating conditions
- Quantity and destination port
- Drawing, old belt or photos

Request a Drawing Review