QUALITY CONTROL & SHIPMENT RELEASE

Self-Stacking Belt

What is checked before your belt ships, the problems each check prevents, and how the belt is packed.
Photos and readings come from real projects; checks are confirmed per project.

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PROJECT QC GATES

04 How Is a Self-Stacking Belt Verified Before Shipment?

Four checks that matter to you: measured on your original, compared with it, stacking tested, and turned on your drum diameter and turn ratio. You see photos and video before it ships.



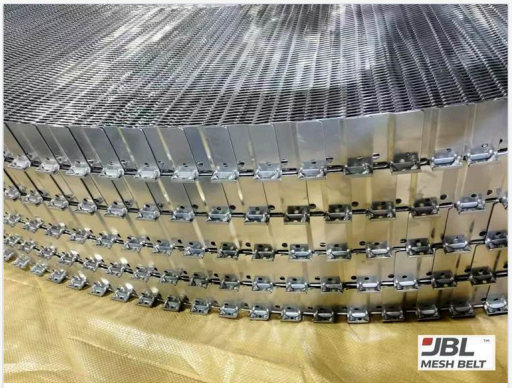
01
Measured on your original

Rod pitch, rod and wire diameter, spiral pitch, side plate height and thickness — each reading recorded for your order.



02
Compared with your original

The trial sample is compared with your original for structure, dimensions and material. Bulk starts after your approval.



03
Stacking test



04
Drum and turn ratio tested

Tiers stacked and run; side plates, engagement and straightness checked.

The belt turns on a test drum matched to your drum diameter and turn ratio, in your running direction.

Also checked: direction marked on the drawing · support rods parallel at both ends · side plate angle · welds even, without burn-through.



Self-stacking belt testing — real footage



Self-stacking belt running in a freezer

ENGINEERING EXPERIENCE

05 Problems You May See on a Self-Stacking Belt — and How They Are Prevented

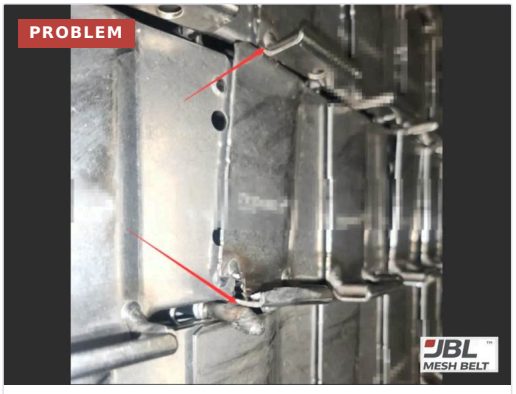
A bent side plate, a rod end out of place or a poor weld means tiers that do not sit, a belt that stops stacking and downtime on your line. Each one has a check before your belt ships.



Bent side plate

A side plate bent out of line (circled) — the tier above no longer sits on it.

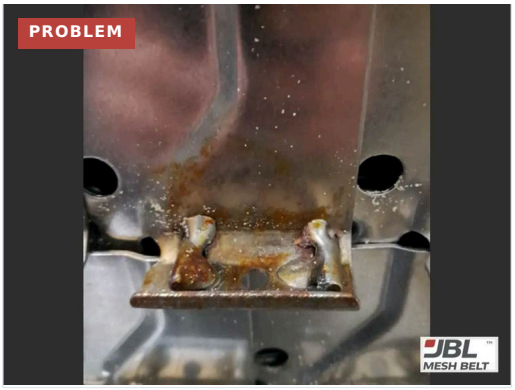
✓ **Side plate height, thickness and angle checked; stacking tested before shipment.**

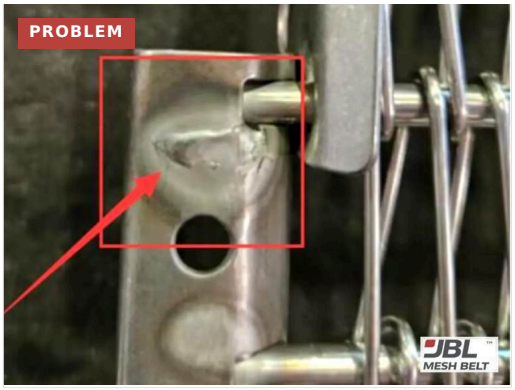


Rod end at the side plate

Rod ends not seated evenly where they meet the side plate (arrows).

✓ **Support rods checked for parallelism and clearance at both ends.**





SHIPMENT RECORDS

06 What Arrives at Your Plant

Your belt arrives laid flat, strapped and labelled in an export crate, closed after you have seen the photos and video. Real shipments; order numbers hidden.



Laid flat in the crate

Flat-packed, section by section.



Lined and protected

Wrapped inside a lined export crate.



Labelled crates

Each crate labelled for checking on arrival.



Strapped for export

Closed after you have seen the photos and video.

More real shipments



Rolled belts before packing



Labelled before packing



Coiled in the crate, labelled



Laid flat in a lined crate



Packed with spare rods



Packed with spare parts

Send a drawing, an old belt section or photos with a caliper in the picture.

An engineer replies with what fits, what is missing and the next step — usually within 8 hours.

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JBL Mesh Belt — Jin Bei Li Metal (Suzhou) Co., Ltd. Reference document; project values are confirmed in writing before production.