QUALITY CONTROL & SHIPMENT RELEASE

Side-Driven 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.

www.jblmeshbelts.com · info@jblmeshbelt.com · WhatsApp +86 138 1487 2506 · Issued 2026-10-06

PROJECT QC GATES

04 How Is a Side-Driven Belt Verified Before Shipment?

Four checks that matter to you: pitch measured, tested on your drum diameter and turn ratio, run on its sprockets, and a sample kept for your re-order. You see photos and video before it ships.



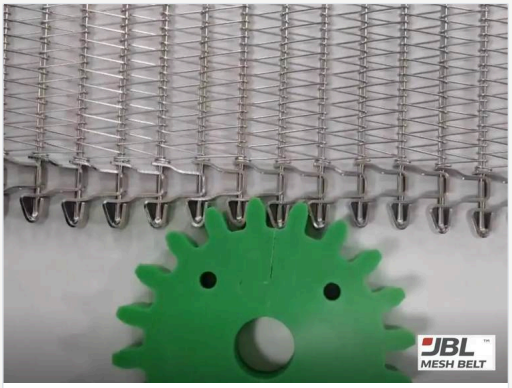
01
Pitch measured

Rod pitch, rod diameter, spiral pitch, link thickness and width measured against your drawing.



02
Drum and turn ratio tested

The belt turns on a test drum matched to your drum diameter and turn ratio.



03
Run on its sprockets



04
Sample kept, batch verified

The belt is run on sprockets to check engagement before packing.

A sample is retained and the batch verified, so a re-order matches this one.

Also checked: material confirmed against your order · welds cleaned without arc residue · clip connections turn freely · photos and video sent before the crate is closed.



Belt and sprockets running test — real footage

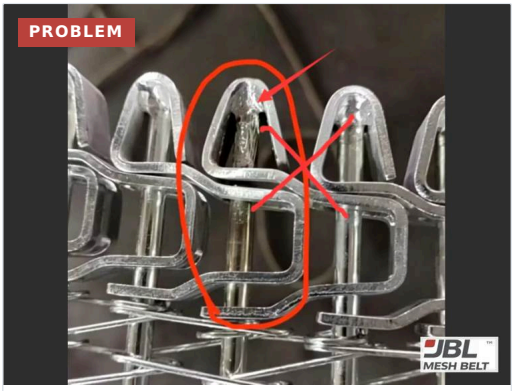
See it run before it ships

Your belt is run on its sprockets so you can see the side links engage tooth by tooth. The video for your order is sent before the crate is closed.

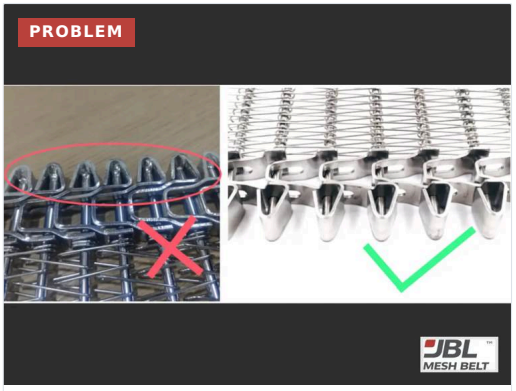
ENGINEERING EXPERIENCE

05 Problems You May See on a Side-Driven Belt — and How They Are Prevented

Arc residue that scratches your equipment, uneven polishing, broken clips or a wrong pitch means a stopped spiral and downtime on your line. Each one has a check before your belt ships.



Arc residue at the weld



Green marks after electropolishing

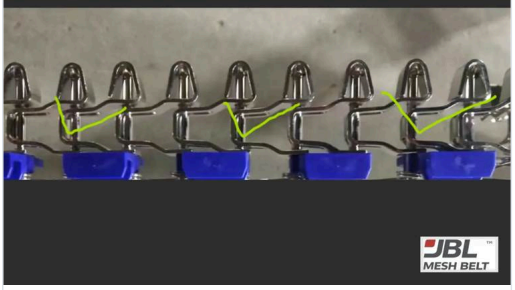
Sharp arc residue left where the side link is welded (circled) — it scratches the equipment and product as the belt runs.

✓ **Welds cleaned with a weld-cleaning machine, never ground with a drill; each weld point checked by eye and**

Uneven polishing leaves green marks along the edge (left). A correct finish is even, with no marks (right).

✓ **Edges and surface checked section by section in daylight; marked sections are re-polished before shipment.**

REFERENCE



Clips broken in transit

Belts with clip connections packed flat can break clips on the way. Correct: clips fully seated, no play (marked).

✓ **Clip connections checked for fit and free movement; clip belts are rolled, not laid flat.**

PROBLEM

Wrong pitch or turn ratio

31.75 and 34 mm look alike, and the same width can have a different turn ratio — the sprockets do not engage, or the belt rides up on the drum.

✓ **Pitch measured on your old belt; turn ratio checked against your drum diameter; drum and sprocket tests before shipment.**

SHIPMENT RECORDS

06 What Arrives at Your Plant

Belts with clip connections arrive rolled, others laid flat — in strapped, labelled export crates, closed after you have seen the photos and video. Real shipments; order numbers hidden.



Shipping list in the crate

Pitch, wire, rod, width, length and surface — wear strips and spare rods packed and counted.



Rolled for packing

Belts with clip connections are rolled.



Export crates

Strapped and labelled for checking on arrival.



Ready to ship

Closed after you have seen the photos and video.

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.

info@jblmeshbelt.com · WhatsApp +86 138 1487 2506 · www.jblmeshbelts.com

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