



PRODUCTION & QUALITY CONTROL

TRAPEZOIDAL MESH BELT

Manufacturing processes
and project inspection

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Manufacturing and project control

Ningjin Yiyi Mesh Belt Co., Ltd.

A manufacturer of metal conveyor belts and related conveyor components based in Ningjin, Shandong, China.

Manufacturing experience since 1998.
Current company established in 2008.

Core belt forming, assembly, welding and inspection are managed in-house. Selected surface treatments and supporting components use external suppliers.



YIYI MESH BELT manufacturing site

Approval and inspection sequence

Stage	Control point
01 Drawing approval	Confirm dimensions, materials and equipment interfaces.
02 Trial production	Inspect the first article before mass production.
03 Interface review	Confirm wire pitch, loop edges and drive geometry.
04 Mass production	Check formed wire geometry, loop edges and assembly.
05 Final inspection	Inspect the finished belt before shipment.
06 Packing and records	Confirm packing requirements and retain order records.

Project drawings define the final configuration and inspection requirements.

Stainless steel wire drawing



In-house wire preparation

Dedicated wire-drawing equipment supports the preparation of stainless steel wire for belt manufacture.

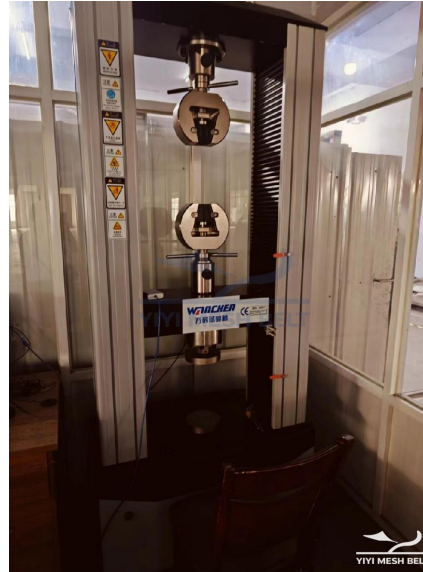
Project requirement

Confirm the material grade and wire diameter against the approved specification.

Material inspection equipment



Alloy composition screening



Tensile testing equipment



Hardness testing equipment

Confirm the applicable test method, acceptance criteria and required material records for each project.

Trial production and first-article inspection



Customized orders undergo trial production and first-article inspection before mass production. Use approved drawings for acceptance dimensions and tolerances.

Belt and sprocket matching review



Belt and drive component



Belt construction detail



Sprocket interface

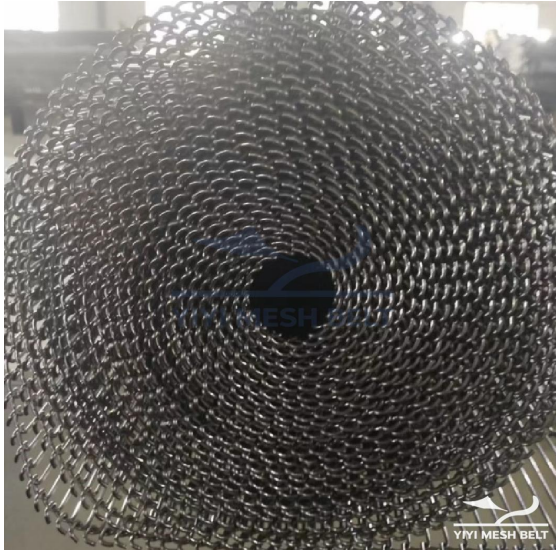
Confirm wire pitch, edge geometry and the sprocket profile together. Supplied sprockets are subject to specification and matching control.

Finished belt dimensional inspection



Check finished belt dimensions against the approved specification. Measurement photographs show project examples, not universal belt dimensions.

Loop-edge inspection



Loop-edge detail



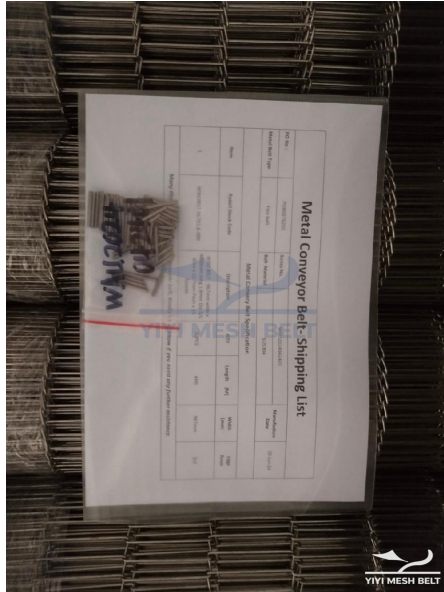
Finished belt roll



Connection detail

Inspect the specified single-loop or double-loop edge against the approved drawing. Confirm wire pitch, width and the number of spaces.

Protective packing and order identification



Protected belt



Packing and identification

Confirm belt protection, supplied accessories and packing requirements against the order before shipment.

Wooden-case packing



Packed shipment



Wooden-case protection

Packing follows the agreed transport route and destination requirements. Wooden-case fabrication uses external suppliers.

Project records and repeat-order support

Record	Purpose for the buyer
Approved drawing and revision	Maintain the agreed specification for manufacture and reorders.
Material and production records	Support order traceability and review of manufacturing history.
Inspection records and photographs	Review recorded checks against the agreed requirements.
Customer confirmations	Retain technical decisions and approved changes.

Agree the inspection documents you need before production.

For replacement projects, include existing belt details, equipment geometry and operating conditions.



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for OEMs & Professional Distributors

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Send Your Drawing for Production Review

- Belt dimensions (mm / in)
- Equipment and drive geometry
- Material and operating conditions
- Inspection requirements
- Existing belt photos / sample

Request an Engineering Review