

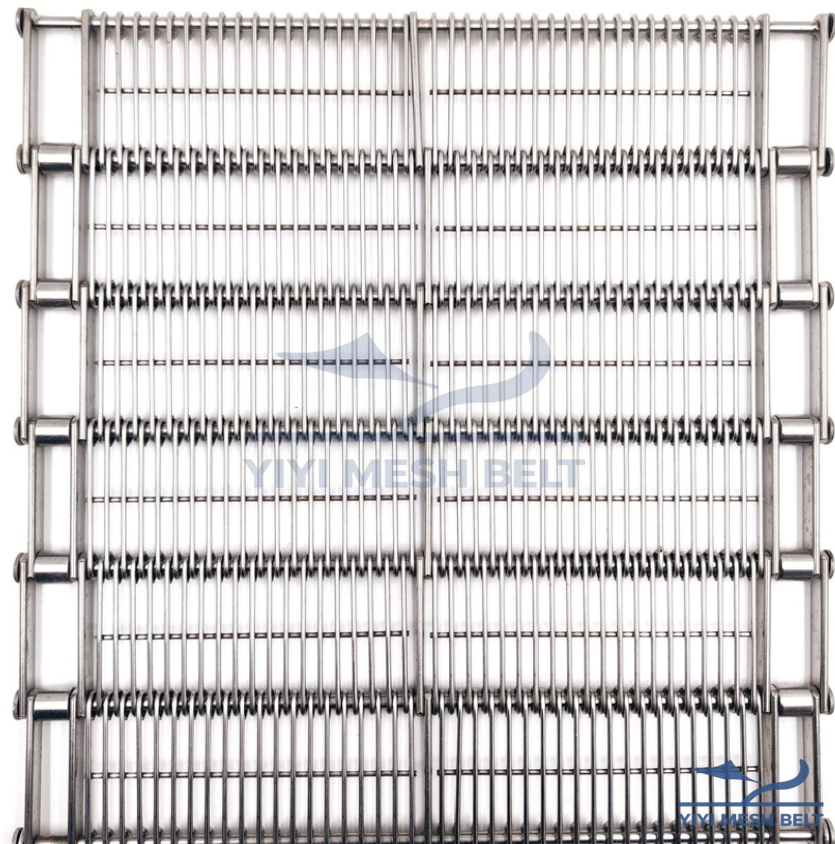


PRODUCTION & QUALITY CONTROL

EYE LINK BELT

Manufacturing processes
and project inspection

PROVEN · STABLE · VERIFIED



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 belt pitch, chain edges and sprocket interfaces.
04 Mass production	Check formed components, assembly and weld condition.
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.

Round-bar drawing



In-house rod preparation

Round-bar drawing is part of YIYI MESH BELT's material preparation capability.

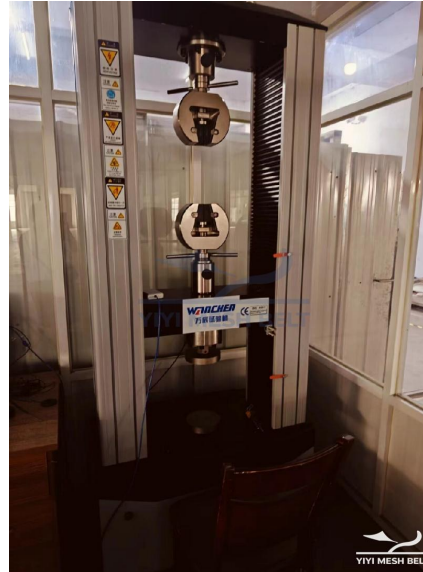
Project requirement

Rod material and diameter are selected for the belt design and approved drawing.

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.

Wire and rod diameter checks



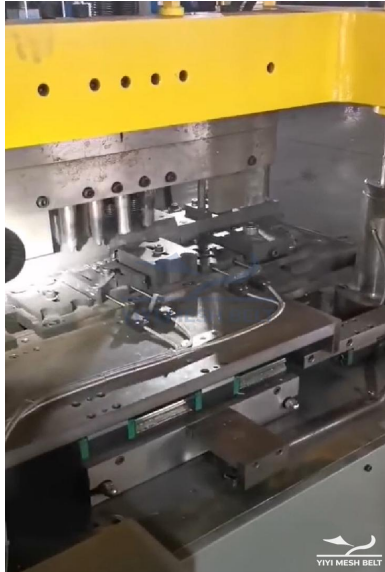
Wire diameter measurement



Rod diameter measurement

Check wire and rod diameters against the approved specification. Agree dimensions and tolerances in mm / in for the project.

Chain component manufacturing



Component tooling



Forming detail



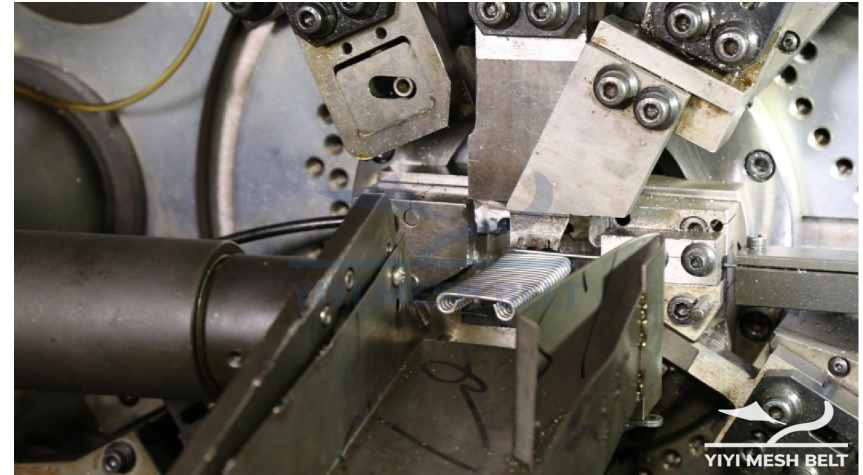
Chain components

In-house chain production applies to selected stainless steel specifications. Confirm manufacturing scope by project; other chain types and sprockets may be externally supplied.

Eye-link forming



Eye-link forming equipment



Tooling detail

Form the eye-link elements to the selected wire dimensions and pitch. The approved drawing defines the belt construction.

Eye Link Belt assembly



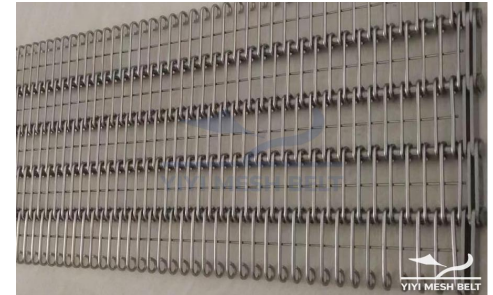
Belt assembly

Assemble eye-link elements and cross rods to the approved arrangement, including reinforcement and chain edges where specified.



Assembly workshop

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 sprocket interface



Drive interface detail

Confirm eye-link and rod pitches together with the sprocket profile, bore and shaft interface. 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.

Surface condition inspection



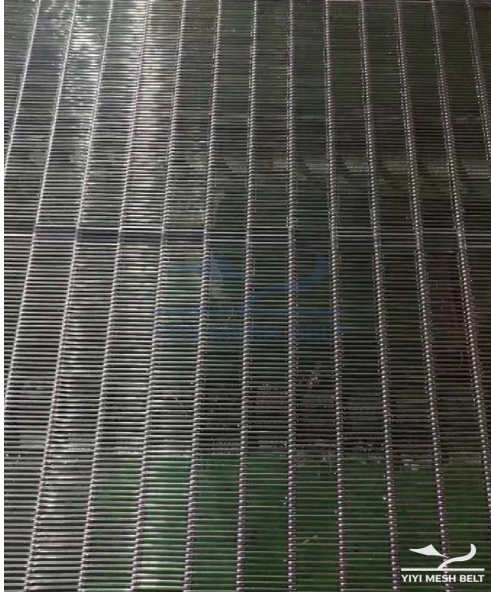
Belt surface detail



Finished belt surface

Inspect surface condition against the selected material and finish. Where treatment is specified, re-inspection follows treatment; selected treatments use external suppliers.

Surface condition inspection



Belt surface detail



Finished belt surface

Inspect surface condition against the selected material and finish. Where treatment is specified, re-inspection follows treatment; selected treatments use external suppliers.

Edge finish inspection



Edge construction detail



Finished edge detail

Inspect the selected edge construction for connection condition, consistency and burrs against the agreed requirements.

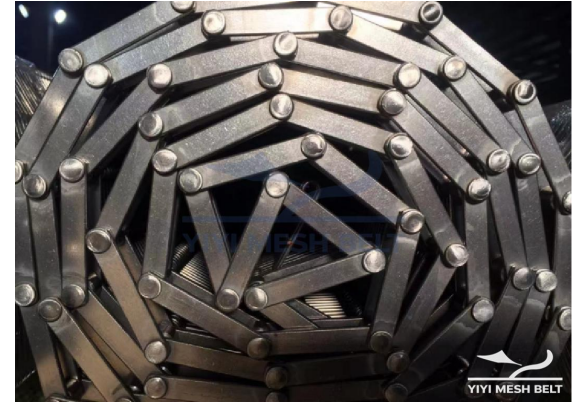
Chain-edge configuration inspection



Chain construction



Edge configuration



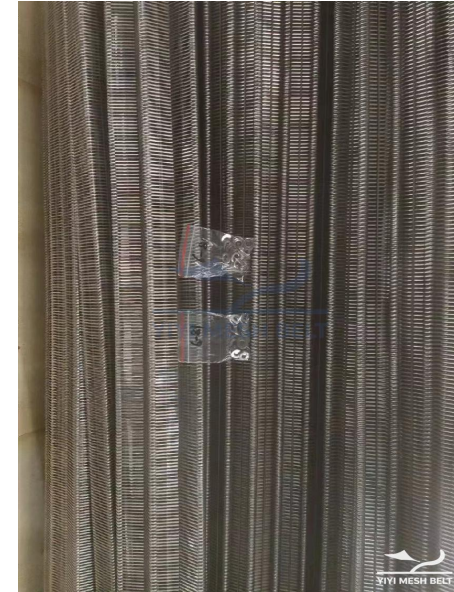
Connection detail

Check the selected chain-edge construction and attachment details against the approved drawing.

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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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