



TECHNICAL SPECIFICATION

COMPOUND WEAVE BELT

Dimensions in mm and in
Configuration options and drive interfaces

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YIYI MESH BELT www.yiyimeshbelt.com YIYI-CWB-PPT-V1.3
YIYI-PPT-COMPOUND-WEAVE-BELT-20260924-V1.3



Manufacturing for equipment applications

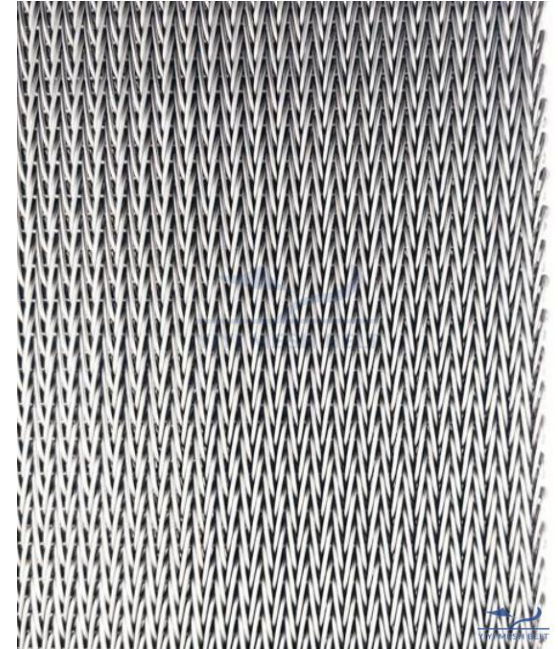
Ningjin Yiyi Mesh Belt Co., Ltd.

YIYI MESH BELT manufactures metal conveyor belts in Ningjin, Shandong, China. Manufacturing experience dates from 1998; the company was established in 2008.

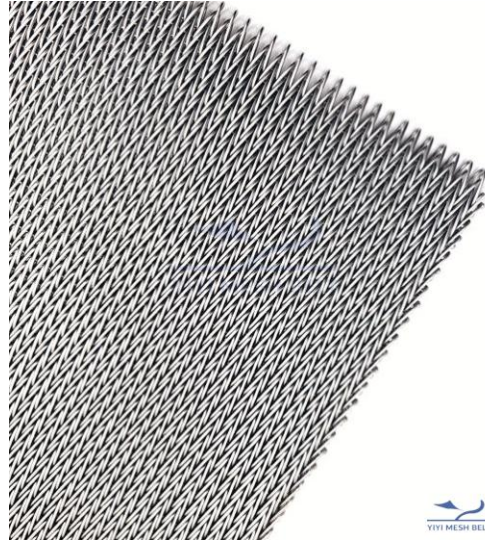
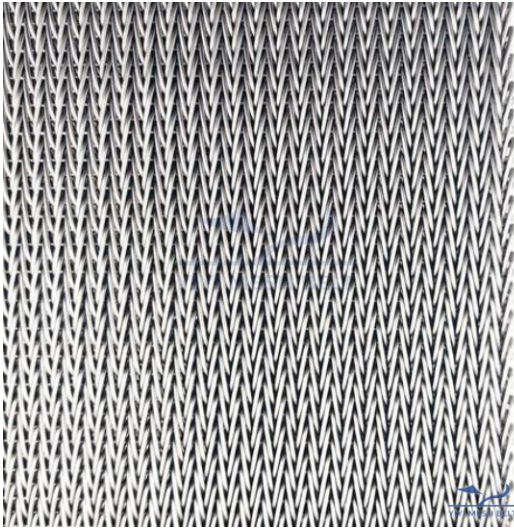
Manufacturing and order control

In-house operations include wire and round-bar drawing, forming, welding, assembly and straightening.

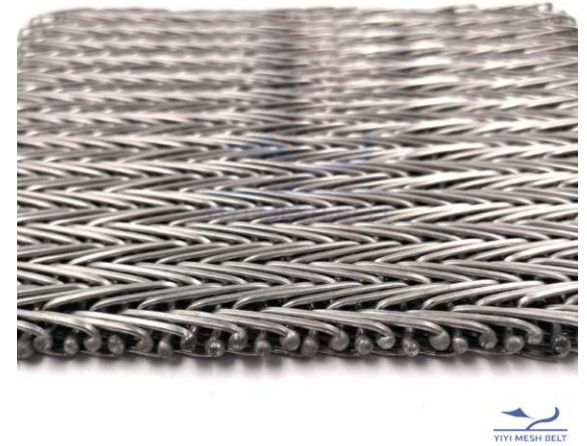
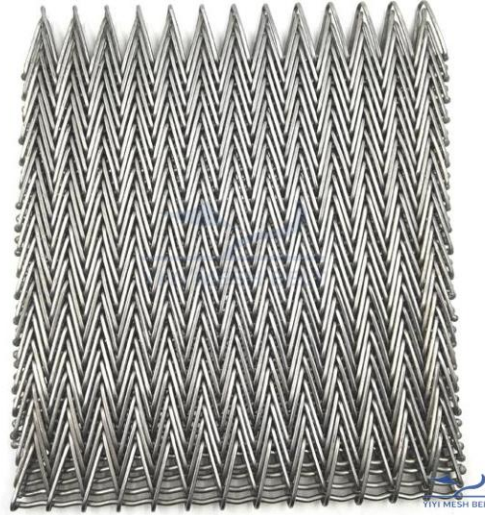
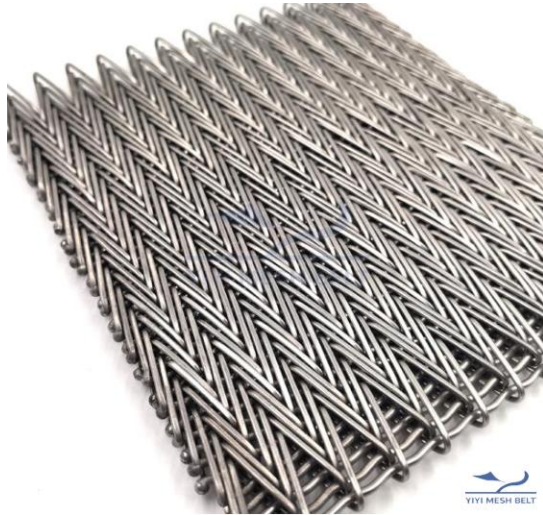
Custom orders follow drawing approval, trial production and first-article inspection before mass production, with final inspection before shipment.



Construction and surface details



Additional product configurations



Dimensional options

Parameter	Metric (mm)	Inch (in)
Spiral pitch	6–20	0.236–0.787
Spiral wire diameter	1.2 / 1.3 / 1.4 1.5 / 1.6 / 1.8 2 / 2.5 / 3	0.047 / 0.051 / 0.055 0.059 / 0.063 / 0.071 0.079 / 0.098 / 0.118
Rod pitch	6–20	0.236–0.787
Rod diameter	1.2 / 1.3 / 1.4 1.5 / 1.6 / 1.8 2 / 2.5 / 3	0.047 / 0.051 / 0.055 0.059 / 0.063 / 0.071 0.079 / 0.098 / 0.118
Belt width	200–3000	7.87–118.11
Belt length	To approved drawing	To approved drawing

Listed options require project selection. Custom dimensions follow the approved drawing.

1 in = 25.4 mm. Inch equivalents are rounded references, not manufacturing tolerances.

Materials and configuration options

Parameter	Selection
Material	SUS 304 / SUS 316 / mild steel
Wire form	Round wire / custom flat wire
Edge construction	Welded
Configuration options	Side guard / bent sides, according to the project drawing
Drive arrangement	Confirm the drive method and any sprocket requirements

Select materials, geometry and components together for the application and approved drawing.

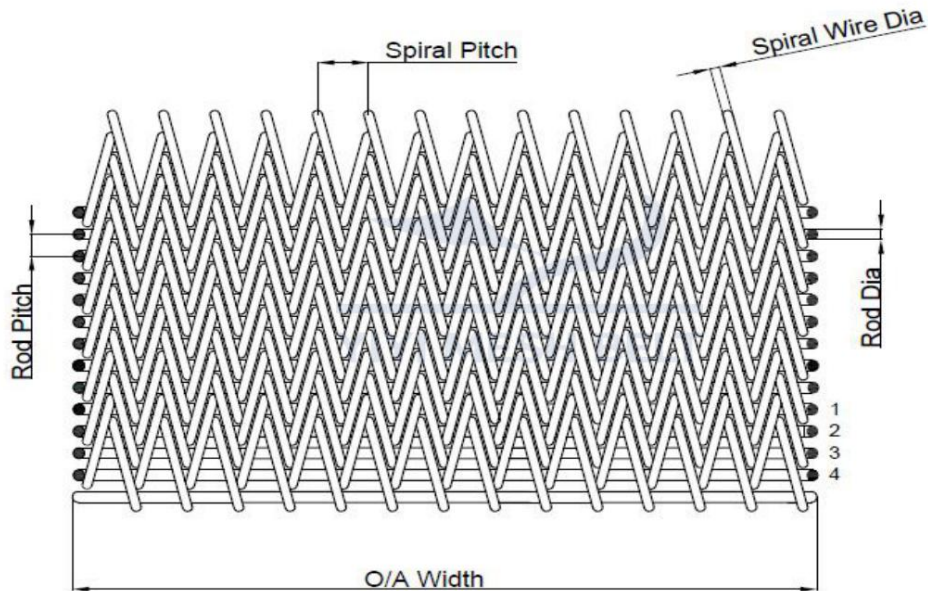
Dimensional references and equipment interfaces

Drawing requirements

Confirm spiral pitch, rod pitch and wire dimensions for the selected construction.

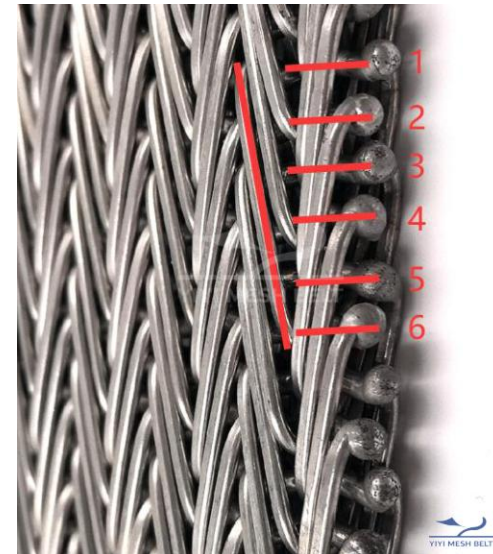
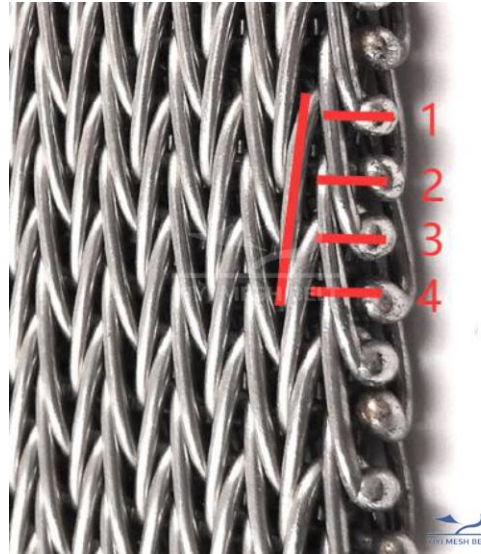
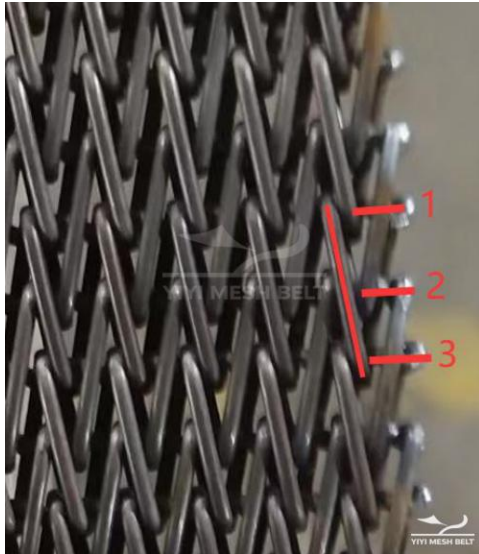
Use the approved drawing to define the weave and rod arrangement.

Specify flat-wire dimensions separately when required.

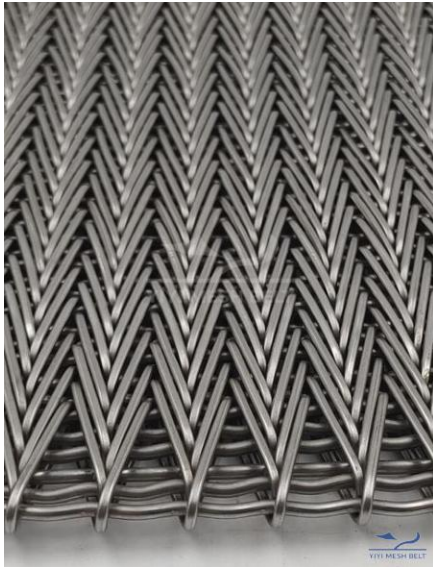


Dimensioned customer drawings define the final geometry, tolerances and component interfaces.

Construction details



Construction options



FLAT WIRE



SIDE GUARD



BENT ON BOTH SIDES



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Send Your Drawing for Specification Review

- Belt dimensions (mm / in)
- Equipment and application
- Operating conditions
- Drive and shaft details
- Existing belt photos / sample

Request an Engineering Review