



TECHNICAL SPECIFICATION

SELF-STACKING BELT

Dimensions in mm and in
Standard and heavy-duty configurations

PROVEN · STABLE · VERIFIED

info@yiyimeshbelt.com
www.yiyimeshbelt.com | www.yiyimeshbelts.com

YIYI MESH BELT www.yiyimeshbelt.com YIYI-SSB-PPT-V1.3
YIYI-PPT-SELF-STACKING-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

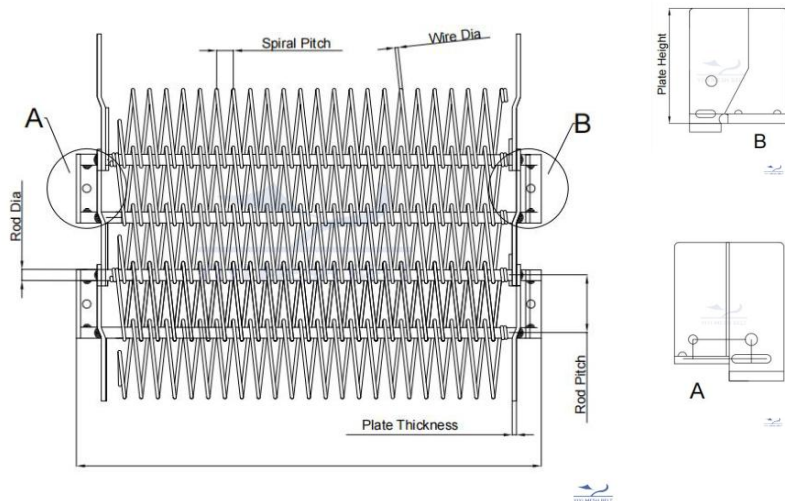
In-house operations include wire and round-bar drawing, forming, welding, assembly and straightening.

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

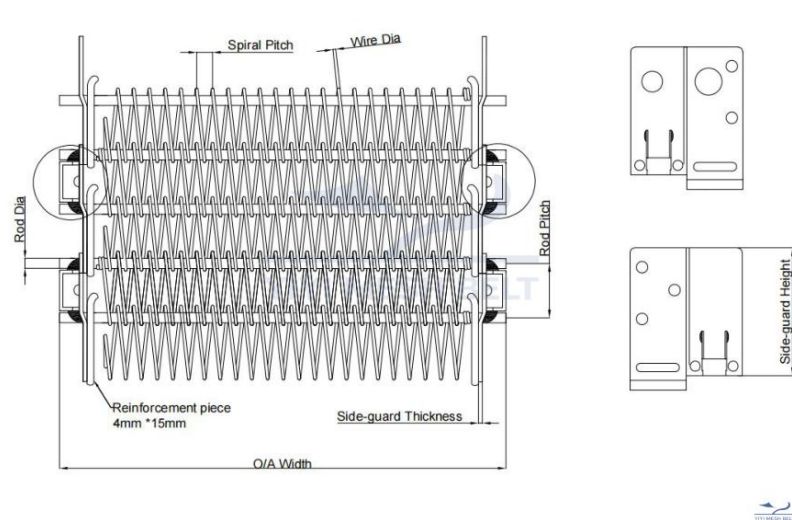


Self-Stacking Belt — construction references

STANDARD



HEAVY DUTY



Reinforcement: 4 × 15 mm / 0.157 × 0.591 in

Confirm width datums, usable tier clearance and the drive interface on the approved equipment drawing.

Standard configuration — dimensional options

Parameter	Metric (mm)	Inch (in)
Spiral pitch	6 / 9 / 13	0.236 / 0.354 / 0.512
Rod pitch	30	1.181
Rod diameter	5	0.197
Side-guard thickness	1.5	0.059
Side-guard height	60 / 80 / 90 / 100 / 120	2.362 / 3.150 / 3.543 / 3.937 / 4.724
Belt width	420 / 580 / 640 / 660 / 760	16.54 / 22.83 / 25.20 / 25.98 / 29.92
Belt length	To approved drawing	To approved drawing

Material options: SUS 304 / SUS 316 | Finish options: pickling / electropolishing

Listed values are configuration options. Inch equivalents are rounded; approved metric drawings govern.

Heavy-duty configuration — dimensional options

Parameter	Metric (mm)	Inch (in)
Spiral pitch	6 / 9 / 13	0.236 / 0.354 / 0.512
Rod pitch	30	1.181
Rod diameter	6 / 7	0.236 / 0.276
Side-guard thickness	1.5	0.059
Side-guard height	80 / 100 / 150	3.150 / 3.937 / 5.906
Reinforcement piece	4 × 15	0.157 × 0.591
Belt width	660 / 760 / 1069	25.98 / 29.92 / 42.09
Belt length	To approved drawing	To approved drawing

Material options: SUS 304 / SUS 316 | Finish options: pickling / electropolishing

Listed values are configuration options. Inch equivalents are rounded; approved metric drawings govern.

Standard, heavy-duty and reinforced constructions



STANDARD

Rod: 5 mm / 0.197 in



HEAVY DUTY

Rod: 6 / 7 mm (0.236 / 0.276 in)



REINFORCED HEAVY DUTY

Rod: 7 mm / 0.276 in
Reinforcement: 4 × 15 mm
(0.157 × 0.591 in)

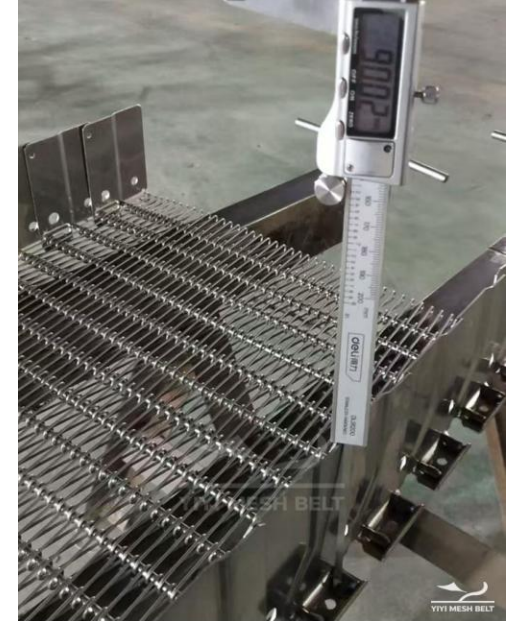
Side-guard height options



60 mm / 2.362 in



80 mm / 3.150 in



90 mm / 3.543 in

Side-guard height is a component dimension; usable tier clearance depends on the equipment arrangement.

Side-guard height options



100 mm / 3.937 in



120 mm / 4.724 in



150 mm / 5.906 in

Side-guard height is a component dimension; usable tier clearance depends on the equipment arrangement.

Standard configuration — turn-ratio references



1.6

1.7

REFERENCE
COEFFICIENTS

Confirm belt width, drum geometry, tier clearance and the drive interface on the approved equipment drawing.



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Metal Conveyor Belt Manufacturer

for OEMs & Professional Distributors

Email: info@yiyimeshbelt.com

Phone / WhatsApp: +86 134 5177 3742

Website: www.yiyimeshbelt.com
www.yiyimeshbelts.com

Company: Ningjin Yiyi Mesh Belt Co., Ltd.

Send Your Drawing for Specification Review

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

Request an Engineering Review