

SIDE DRIVEN BELT RFQ / APPLICATION SHEET

Purpose: Please complete the fields below so YIYI Engineering can confirm the correct Side Driven Belt specification. Side driven spiral systems work without a central drum and allow flexible layouts, including P-loop configurations. Leave unknown values blank — our engineering team will follow up. For replacement orders, please attach photos or drawings of the existing belt and drive links.

01 CUSTOMER & PROJECT INFORMATION

Company Name		Date	
Contact Person		Title / Department	
Email		Phone / WhatsApp	
Country & City		End User / Plant Location	
Project Type		☐ New belt for new system ☐ Replacement belt ☐ Spare / stock belt	
Original Brand / Part No.		If replacement	
Sample / Drawing Available?		☐ Yes — will send photo / sample ☐ Drawing available ☐ No reference	

02 SYSTEM OVERVIEW

Parameter	Unit	Value / Selection	Parameter	Unit	Value / Selection
Freezer / Equipment Brand			Equipment Model No.		
Application / Process		☐ Freezing ☐ Chilling ☐ Proofing ☐ Baking ☐ Cooling			
Number of Tiers	tiers		Total Belt Length	m	
Tier Height (vertical pitch)	mm				
Drive Configuration		☐ Outside side drive (drum-free) ☐ P-loop ☐ Inside drum ☐ Unknown			

03 BELT SPECIFICATION

Parameter	Unit	Value / Selection	Parameter	Unit	Value / Selection
Material		☐ SUS304 (Standard) ☐ SUS316 ☐ SUS316L ☐ Other: _____			
O/A Width	mm		Useful Width	mm	
Belt Pitch	mm		Spiral Pitch	mm	
Spiral Wire Diameter	mm		Cross Rod Diameter	mm	
Link Height	mm		Link Thickness	mm	
Turn Ratio		e.g. 1.6 / 1.9 / 2.2 / 2.8 (inside radius ÷ belt width)			
Guard Edge Height	mm	☐ None ☐ 12.5 mm ☐ 25 mm			
Edge Treatment		☐ Welded ☐ Mechanical bend (no weld) ☐ Other			
Surface Treatment		☐ Pickling ☐ Passivation ☐ Electropolished			
Quantity Required	m				

Side Drive Specification

Side Drive Type		☐ POM drive link ☐ Stainless steel drive link ☐ Unknown			
Drive Link Height	mm		Drive Sprocket Teeth	teeth	
Drive Sprocket PCD	mm				
Drum Diameter (if any)	mm	⚠ Required for replacement — measure existing drum			

Note: For applicable projects, YIYI reviews turn-ratio compatibility before production.

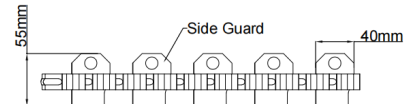
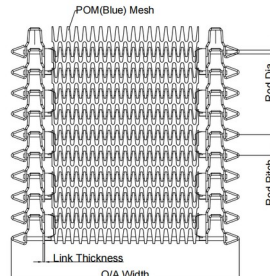
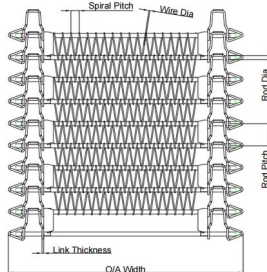
04 APPLICATION & OPERATING CONDITIONS

Parameter	Unit	Value / Selection	Parameter	Unit	Value / Selection
Product Being Processed		e.g. Poultry / Bread / Pizza / Shrimp / Vegetables			
Product State		☐ Unpackaged / IQF ☐ Packaged ☐ Regular shape ☐ Irregular shape			
Min. Operating Temperature	°C		Max. Operating Temperature	°C	
Belt Speed	m/min		Max. Product Load	kg/m²	
Max. Product Height	mm	Must be less than Tier Height – 15 mm			

05 DELIVERY REQUIREMENTS

Required Delivery Date		Port of Destination	
Trade Terms (FOB / CIF / EXW)		Payment Terms	

06 REFERENCE DIAGRAM



07 REMARKS & ATTACHMENTS

Additional Notes / Special Requirements

Reference Drawing / Photo

Attach photos of the existing belt, drive components and any drawings or part-number labels.

SUBMIT THIS FORM TO: info@yiyimeshbelt.com | WhatsApp: +86 134 5177 3742

Reliability built by automated manufacturing. · Quality starts from our own raw materials.

YIYI MESH BELT