

SPIRAL FREEZER BELT

RFQ / APPLICATION SHEET

Purpose: Please complete the fields below so YIYI Engineering can confirm the correct Spiral Freezer Belt specification. Leave unknown values blank — our engineering team will follow up. For replacement orders, please attach photos or drawings of the existing belt and drum.

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			Freezer Model No.		
Spiral Configuration		☐ Single Drum ☐ Bi-Drum			
Belt Travel Direction		☐ Ascending (upward) ☐ Descending (downward)			
Number of Tiers	tiers		Tier Height (vertical pitch)	mm	
Total Belt Length	m				
Drum Diameter	mm	⚠ Required for collapse ratio confirmation			
Drum Speed	RPM				
Drive & Conveyor Details					
Drive Type		☐ Positive Drive (sprocket / gear) ☐ Friction Drive ☐ Unknown			
Drive Location		☐ Top ☐ Bottom ☐ Both ends			
Drive Drum / Sprocket Diameter	mm		Number of Sprockets	pcs	
Support Rail Material		☐ Stainless Steel ☐ UHMWPE ☐ Unknown			
Rail Spacing	mm				
Return Path		☐ Inside drum ☐ Outside drum ☐ Flat return			

03 BELT SPECIFICATION

Parameter	Unit	Value / Selection	Parameter	Unit	Value / Selection
Material		☐ SUS304 ☐ SUS316 ☐ SUS316L ☐ Other: _____			
Spiral Pitch	mm		Spiral Wire Diameter	mm	
Rod Pitch	mm		Rod Diameter	mm	
Link Thickness	mm		Link Height	mm	
Link Width	mm		Useful Width	mm	
C/C Width (center-to-center)	mm		O/A Width	mm	
Turning Radius	mm		Quantity Required	m	
Surface Treatment		☐ Pickling ☐ Passivation ☐ Electropolished ☐ Polished			

Note: For applicable projects, YIYI reviews drum compatibility before production. Wire is drawn in-house with heat-number traceability.

04 APPLICATION & OPERATING CONDITIONS

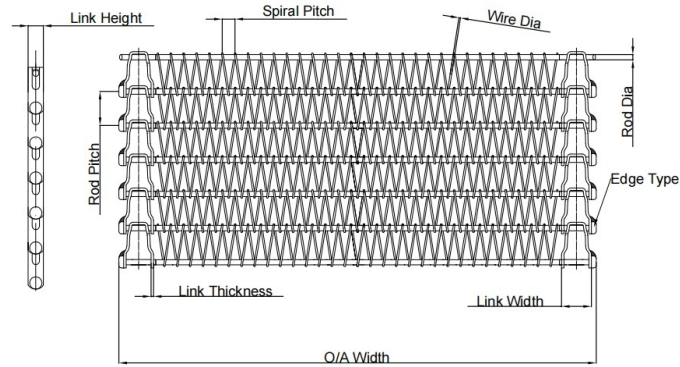
Parameter	Unit	Value / Selection	Parameter	Unit	Value / Selection
Product Being Processed		e.g. Poultry / Shrimp / Burger Patties / Vegetables / Bakery			
Product State		☐ Unpackaged ☐ Packaged ☐ Regular shape ☐ Irregular shape			
Operating Mode		☐ Freezing ☐ IQF ☐ Chilling ☐ Defrost cycle			
Min. Operating Temperature	°C	e.g. -40°C to -18°C	Max. Operating Temperature	°C	Including defrost cycle

Belt Speed	m/min	Max. Product Load	kg/m ²
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05 DELIVERY REQUIREMENTS

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

06 REFERENCE DIAGRAM & EDGE OPTIONS



EDGE TREATMENT OPTIONS — select one



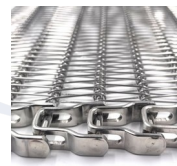
Flat Headed Welded
Standard edge for spiral belts
☐ Select



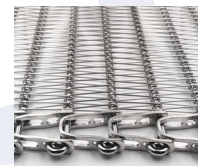
Button Welded
Rounded, smooth edge
☐ Select



Button Cap Welded
Cap over button for extra edge protection
☐ Select



Rod Welded
Cross rod welded at the belt edge
☐ Select



Clinched
Rod end clinched at the edge
☐ Select

Other / Custom
Please specify in Remarks
☐ Select

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.