

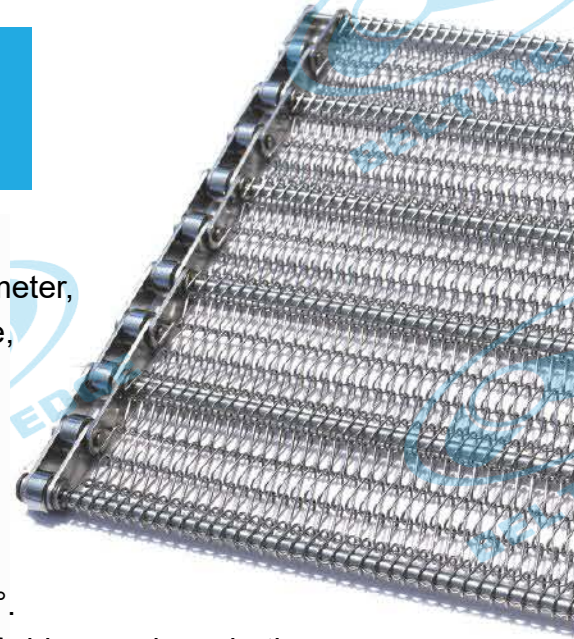
## CHAIN DRIVEN BELT

Chain-driven belts consist of wire mesh, cross rods, and chains. The selection of mesh belt style, rod diameter, spiral pitch, and rod pitch is based on the type, shape, size, and weight of the product being carried.

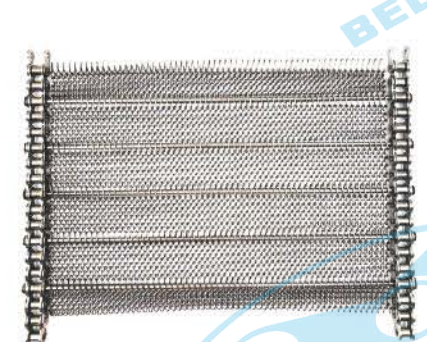
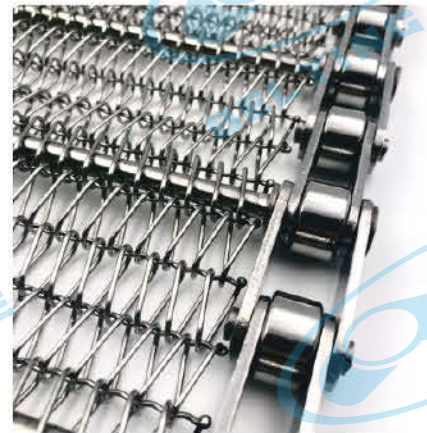
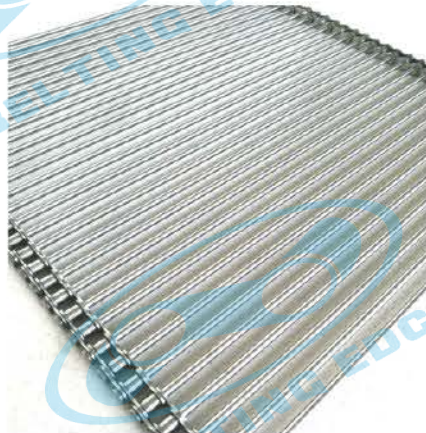
Chain model number and cross rod specifications are chosen according to the mesh belt width, length, running speed, and the conveyor belt's mechanical configuration.

The operating temperature range is from 55° to 1150°.

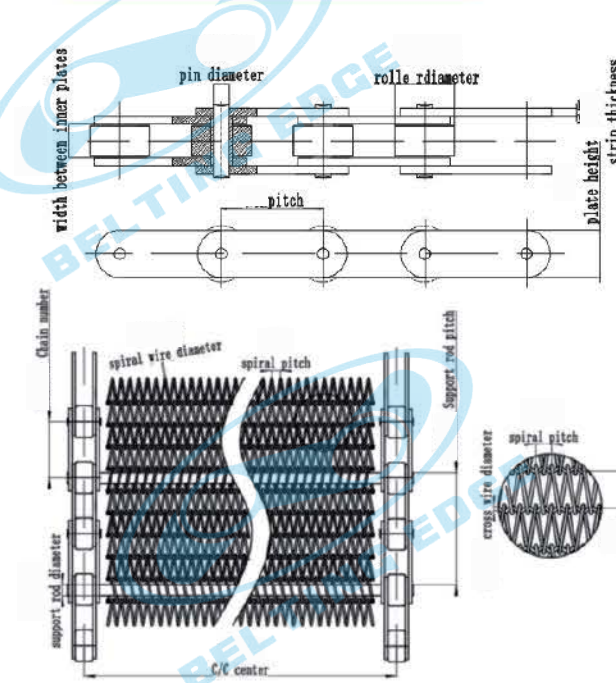
The chain mesh design also allows for the addition of side guards on both edges of the mesh belt and cross flights in the center of the mesh surface.



## Product images



## Technical specifications



Material	Carbon steel, SS201, SS304, SS316 Chain
Pitch (mm)	12.7; 15.875; 19.05; 25.4; 31.75; 38.1; 50.8; 63.5; 76.2; 101.6
Roller diameter (mm)	24; 26; 38.1
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Spiral pitch (mm)	2.8 - 40
Rod pitch (mm)	5 - 50.8
Belt width (mm)	200 - 5000
Edge finish	Welded / Clenched
Belt length	Customised
Sprocket	Material & sprocket customised as per request

\*Special specifications are available

## Features

- The chain belt is driven by a sprocket, ensuring smooth operation and reducing the load on the belt surface.
- The smooth mesh belt surface, combined with solid rod support, provides the ability to withstand high loads and tensile strength.
- Chain-driven belts are the only self-supporting belts, offering efficient operation in applications where friction-driven belts are not suitable. They are ideal for straight, incline, heavy load, and long-distance applications.
- The mesh belt style offers multiple options, with nearly all types of mesh belts capable of being assembled into a chain. Commonly used options include balance weave mesh and one-directional mesh.
- The chain mesh belt support can include pins, flat bars, or tubes, depending on the specific application.
- For support, spiral types are available in consistent thickness, large spiral, and triangular spiral designs.

## Applications



Electronics Industry



Baking



Food Drying



Sea Food Processing



Frying