ORDERING GUIDE

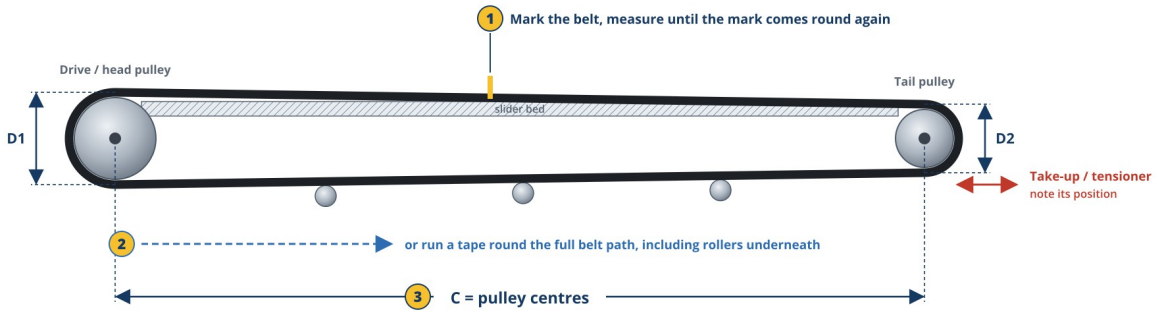
Conveyor Belts

Issue 3 – November 2026

How to measure your conveyor belt and the details we need to quote a replacement or new belt. If you are unsure, send us photos of the belt, the join and the conveyor.

How to measure a conveyor belt

Endless length round the belt path, width across the belt



3 Simple two-pulley conveyor – calculate from the pulley sizes:

Belt length ≈ (2 × C) + 1.57 × (D1 + D2)

Measure D1 and D2 over the pulley faces. Not for conveyors with snub rollers, take-up loops or inclines – measure those round the path.

Width: measure across the belt, edge to edge (mm)

THREE WAYS TO FIND THE BELT LENGTH		
Method	**How**	**Best when**
1. Mark and measure	Mark a line across the belt edge, then measure along the belt until the mark comes round again	The old belt is still on the conveyor
2. Tape round the path	Run a tape round the full path of the belt, including any rollers underneath the conveyor	The belt is off, damaged or missing
3. Calculate	Belt length ≈ (2 × C) + 1.57 × (D1 + D2), where C is pulley centres and D1, D2 are the pulley diameters	A simple two-pulley conveyor with no snub rollers or take-up loop

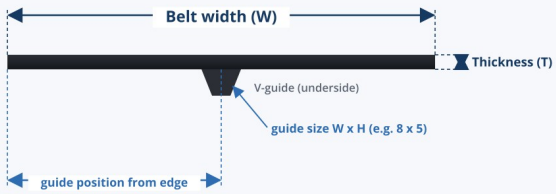
- Measure the width across the belt, edge to edge, in mm.
- If the tensioners are fully wound out, the belt has stretched in service. Tell us and we will allow for it.
- If you only know the conveyor, give us the make, model and pulley sizes and we will help work out the belt length.

GUIDES, FLIGHTS AND SIDEWALLS

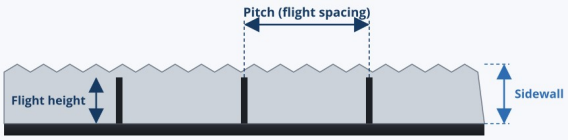
Belt width, tracking guides, flights and sidewalls

What to measure if your belt has guides, flights (cleats) or sidewalls

A Cross-section: width, thickness, tracking guide



B Side view: flights (cleats) and sidewalls



Also tell us: flight width, the clear edge each side, and flight / sidewall style and whether the conveyor runs flat or on an incline.

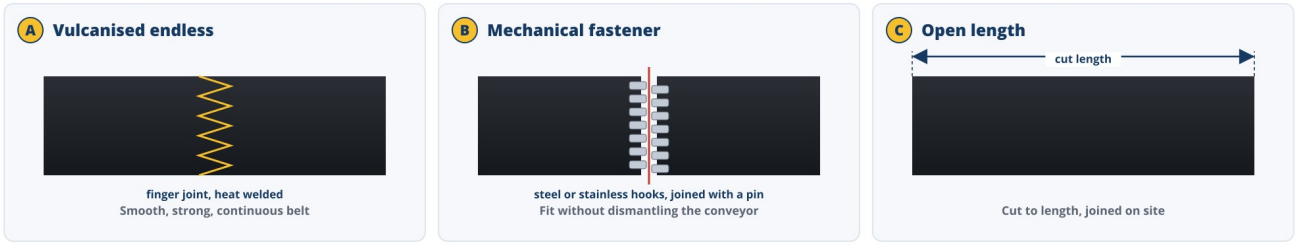
WHAT WE NEED FOR A QUOTE

Belt type	KBR reference, or the material and surface (e.g. black PVC, blue PU, grip top), or any markings on the old belt
Belt width	Measured across the belt, edge to edge, in mm
Belt length	The endless (round) length of the belt, or the open length you need, in mm
Join	Vulcanised endless, mechanical fastener, or open length
Tracking guides	Size (e.g. 8x5mm) and position, such as underside, centre or both edges
Flights and sidewalls	Height, spacing (pitch) and position, if fitted
Quantity and conveyor	Number of belts, plus conveyor make, model or serial number if known
Delivery	Delivery postcode, so we can include carriage

JOIN TYPES

Conveyor belt join types

Tell us how the old belt is joined, or how you want the new one



Join	How it works	Good for
Vulcanised endless	Both ends heat-welded with a finger joint to make one smooth, continuous belt	Strength, smooth running, food and packing lines
Mechanical fastener	Steel or stainless hooks / plates fixed to both ends and joined with a pin	Fitting without dismantling the conveyor
Open length	Supplied cut to length, not joined	Joining on site

LEAD TIME, FITTING & DELIVERY

Lead time	Depends on the specification: typically 5–7 working days for a standard belt and 10–15 working days for a complex belt with flights or sidewalls. Lead times can vary.
Fitting	Belts are generally supply only. Endless belts arrive ready joined to fit over the end of the conveyor. We can arrange fitting by a contractor on request.
Delivery	UK courier delivery, quoted with your belt.
Terms	Made to order to your size and non-returnable – please check your sizes, or ask us to check them with you.

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