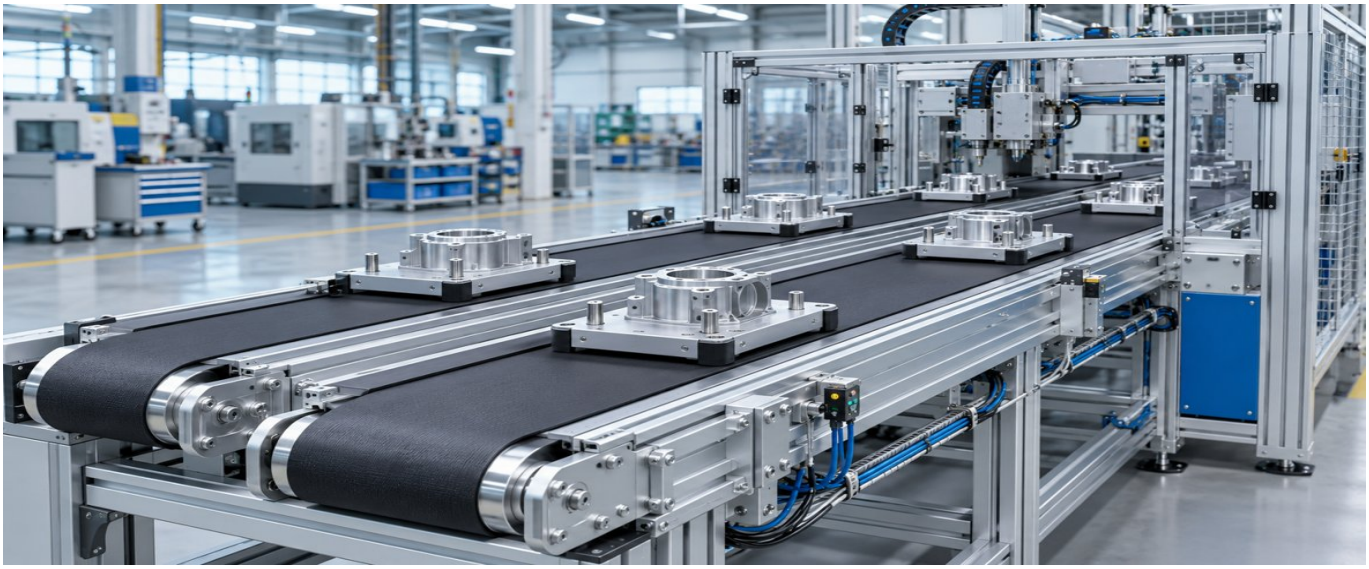
Feltnova

MOVEMENT SYSTEMS | APPLICATION GUIDE



Conveyor and Timing Belts

Drag-Band Conveyor Selection

Start with the application

Define the workpiece and carrier mass, conveyor length, operating speed, cycle pattern and accumulation time. Record the ambient temperature and any exposure to oils, dust or cleaning agents.

Balance traction and sliding

Drag-band systems may require the belt to keep moving while a carrier is stopped. Select the belt surface and carrier contact material together to balance conveying grip, controlled sliding and heat generation.

Check the machine geometry

Review pulley diameters, belt width, support surfaces, tracking, tensioning and available installation space. Where timing belts are considered, confirm tooth profile and pulley compatibility.

Validate before release

Evaluate a representative belt and carrier under the expected load and duty cycle. Check tracking, slip, temperature and wear. Set inspection and replacement intervals from the trial results.

Prepare your enquiry

Send Feltnova a layout drawing, load data, speed, duty cycle, pulley details and operating conditions. Final belt selection and operating limits require application-specific technical confirmation.