

Information required for a reliable modular belt recommendation

Use this guide to define the application before selecting belt pitch, surface, material, sprockets and accessories.

Application data

Area	Information to record
Product	Dimensions, weight, contact surface, fragility, temperature, moisture and spacing.
Conveyor	Length, width, speed, support arrangement, shaft centers, drive location and available take-up.
Transfers	Infeed/outfeed geometry, smallest product, dead-plate gap and nosebar or roller diameter.
Curves / spiral	Inside radius, turn angle, elevation change, number of tiers and required open area.
Environment	Temperature range, cleaning method, water, oils, chemicals, abrasion and hygiene expectations.

Configuration sequence

- Select a pitch and surface around product stability, transfer size, drainage and airflow.
- Confirm belt material against load, temperature, chemical exposure and cleaning conditions.
- Size the belt width, sprocket quantity, shaft support and carryway for the calculated load.
- Add flights, sideguards, grip surfaces or rollers only where the process requires them.
- Review return-path support, wear-strip material, thermal expansion and maintenance access.

Engineering check: Final pull, catenary sag, sprocket engagement, curve loading and thermal expansion must be reviewed using the selected belt data and actual operating conditions.

Send with your inquiry

A dimensioned conveyor sketch, product photos, current belt details, operating speed, cleaning procedure and a short description of the issue or desired improvement.