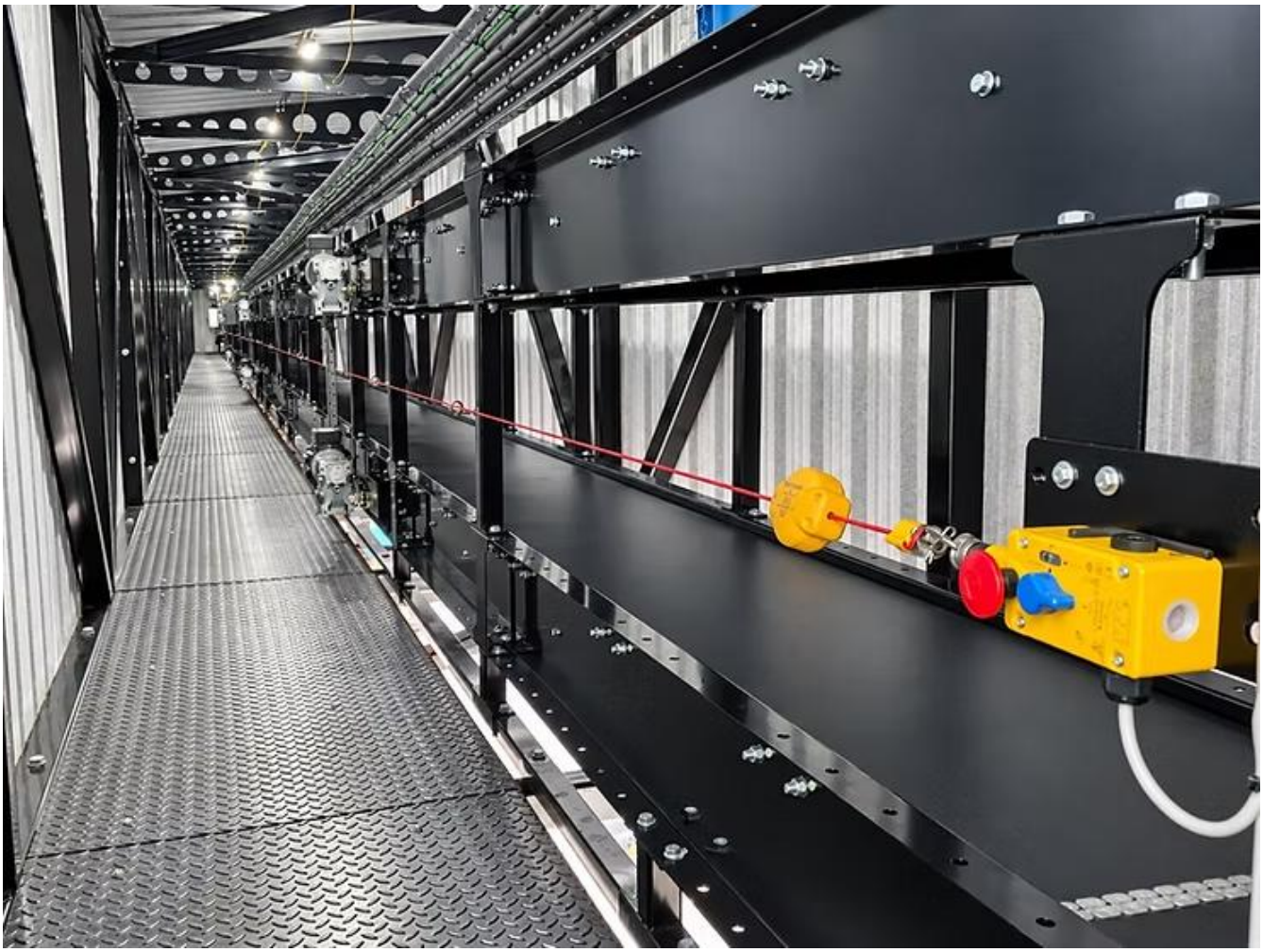
Product Catalogue

BELT CONVEYORS / CCL150 / CCL400 / CCL1000



Example CCL installation. Configuration is specified for each application.

Conveyors built around your operation.

Compare our belt conveyor ranges, define your handling requirements and work with our Loughborough team on the right layout, drive, controls and support.

Choose your range

CAPACITY COMPARISON

Range	Maximum total uniformly distributed load
CCL150	Up to 150 kg UDL
CCL400	Up to 400 kg UDL
CCL1000	Up to 1,000 kg UDL

Understand the load rating

UDL means the total weight evenly distributed along the conveyor. These figures are not per-metre ratings or maximum individual-item weights. Concentrated loads, uneven loading and inclines require a separate engineering review.

Choose by the whole application

Capacity is the starting point. Product size, loading method, operating hours, start-stop frequency, transfer gaps and available space all influence the final specification.

Inside this catalogue

03 CCL150 - everyday product handling
04 CCL400 - increased distributed loads
05 CCL1000 - high-load applications
06 Configuration, project checklist and contact details

CCL150

EVERYDAY PRODUCT HANDLING

UP TO 150 kg

Total uniformly distributed load (UDL)

A starting point for moving products between workstations, packing areas and production equipment.

Specification	Application basis
Individual item weight	Confirmed for the application
Length, width and height	Specified for the agreed layout
Belt, frame and drive	Selected for product and operating conditions
Speed and controls	Agreed against throughput and machine interfaces

Plan your application

Discuss product size, transfer gaps and loading positions first. For smaller products, the transfer arrangement and belt support can matter as much as total weight. Tell us whether items need to stop, be spaced or feed another machine.

Final capacity and configuration are confirmed by CCL for the agreed dimensions, layout and operating duty.

CCL400

MORE CAPACITY FOR YOUR PRODUCTION FLOW

UP TO 400 kg

Total uniformly distributed load (UDL)

For applications where the total distributed load exceeds the CCL150 range and a belt conveyor is the preferred handling method.

Specification	Application basis
Individual item weight	Confirmed for the application
Length, width and height	Specified for the agreed layout
Belt, frame and drive	Selected for product and operating conditions
Speed and controls	Agreed against throughput and machine interfaces

Plan your application

Describe how load builds up along the conveyor, whether it starts fully loaded and how products arrive at transfers. Share maximum item weight, operating hours and start-stop frequency so the drive and duty can be assessed.

Final capacity and configuration are confirmed by CCL for the agreed dimensions, layout and operating duty.

CCL1000

HIGH-LOAD CONVEYING

UP TO 1,000 kg

Total uniformly distributed load (UDL)

For high-load belt conveyor projects where the load, support structure, drive and transfers need to be specified together.

Specification	Application basis
Individual item weight	Confirmed for the application
Length, width and height	Specified for the agreed layout
Belt, frame and drive	Selected for product and operating conditions
Speed and controls	Agreed against throughput and machine interfaces

Plan your application

Provide a loading diagram showing where weight sits. Identify concentrated loads, impact during loading, fully loaded starts and reversing duty. Explain loading and unloading methods and include the supporting floor or structure in the project brief.

Final capacity and configuration are confirmed by CCL for the agreed dimensions, layout and operating duty.

Built around your process

CONFIGURATION & NEXT STEPS

Configure your conveyor

Agree conveyor length, usable belt width, working height, infeed and outfeed arrangements. Belt material and surface, frame material, side guides, speed control, sensors and machinery interfaces are selected around the application.

Send us your project brief

Product dimensions and maximum individual weight
Maximum total load and loading positions
Required throughput and operating hours
Infeed / outfeed heights, layout sketch and photographs
Cleaning method, environment and available power
Site location and interfaces with other machinery

From enquiry to handover

Our team reviews the duty and layout, develops the design and agrees the scope for manufacture, testing, installation and handover. The supplied equipment is defined by the approved specification and drawings.

Let’s plan your conveyor

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