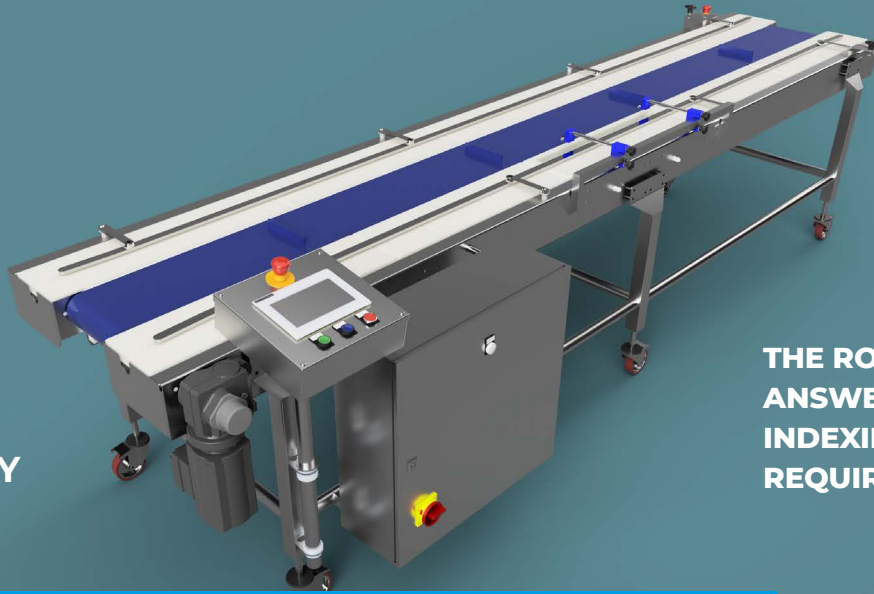


**1 YEAR PARTS  
REPLACEMENT  
WARRANTY**

- ✓ QUALITY
- ✓ VALUE
- ✓ VERSATILITY
- ✓ SAFETY



**THE ROBUST  
ANSWER TO YOUR  
INDEXING CONVEYING  
REQUIREMENTS**

# INDEXING CONVEYOR

To provide a method of presenting product trays for filling by other equipment. The conveyor system is capable of indexing and continuous movement.

## Key points

- Constructed in 304 stainless steel and food grade plastics.
- Leg frames are fully welded stainless steel hollow section.
- Stainless steel product tray guides with single point quadrant adjustment each side.
- All Bearings are stainless steel.
- Supplied with stainless steel feet or braked/swivel castors. Both with +/- 50 mm adjustment.
- Designed for use in a food manufacturing environment with attention given to hygiene and easy cleaning.
- Built to your conveyor length, width and height requirements.
- Belt type shown blue UNI QNB 1" pitch with 25 mm high flights on 787 mm centres. Other belt widths and configurations are available.
- SEW geared motor. IP69K with XCO surface protection finish for washdown environments.
- Polyethylene lift off deck plates fitted either side of the belt to enclose the top surface. Mechanically interlocked, with both end plates fitted with a 2 channel safety switch. Deck plates slotted for photocell positioning for product tray detection.
- Nominal conveyor speed 12m/min @ 50hz. Other speeds are available.
- A 3D model will be provided for design approval prior to manufacture.
- CE Documentation will be provided.

## Conveyor

- Overall length 3,567mm
- Overall conveyor width 712 mm
- Belt width 228 mm
- Belt height 700 mm +/- 50 mm. (TBC)
- Belt type blue UNI QNB 1" pitch with 25 mm high flights on 787 mm centres
- Drive - SEW geared motor
- Sick Encoder fitted to drive shaft – opposite end to motor
- Tails 10 tooth sprockets on stainless steel shaft and bearings with adjustment at the tail end
- Conveyor bed construction will be stainless steel hollow section and sheet
- Polyethylene lift off deck plates will be fitted either side of the belt to enclose the top surface. One of the deck plates will have a slot to allow the photo cells to look down through the deck plate
- Nominal conveyor speed Nominal 12m/min@50hz (as previously supplied S/No. 10453)
- 25mm x 8mm Stainless Steel side guides will be fitted with single point quadrant adjustment each side
- Adjustable swivel/lock castors will be fitted

## Controls

- Allen Bradley CompactLogix Dual Ethernet plc.
- Mitsubishi inverter.
- Allen Bradley Low voltage control and safety circuits.
- 2 off Omron photo cells mounted on adjustable brackets. Other photo cells are available.
- Controls will be mounted in a stainless steel IP66 enclosure. Fitted with lockable isolator and power on indication.
- Operator interface station including colour 7" HMI and control buttons, mounted in a remote swivelling stainless steel enclosure.
- Single gang remote emergency stop button.
- Motor wiring in CY Cable.
- Field wiring in YY Cable.

## Crown Conveyors

Electrical Solutions (SKD) Limited, Unit B1-B3, Wood Road Industrial Estate,  
Wood Road, Kingswood, Bristol, BS15 8NN

T 0117 967 1370

E [info@crowconveyors.com](mailto:info@crowconveyors.com)

W [www.crowconveyors.com](http://www.crowconveyors.com)



Designed and  
manufactured  
in the UK

