

# modusort

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## >> modusort Description

**modusort** Stations enable hi throughput automated carton diverting from a single transport conveyor. By integrating bar code scanning or other carton identification sensors the **modusort** can divert certain cartons to one or multiple conveyors at belt speeds of up to 50 metres/min or 60 cartons/min.

Typical layouts may include multiple **modusort** diverters with different cartons being diverted to specific packing areas, this flexibility offers many savings in labour units by delivering cartons exactly where they are being palletised.

The unique design is extremely gentle on cartons and eliminates product damage that is often caused by other diverting equipment on the market.

Applications for **modusort** are varied, commonly used in distribution warehouses and process packing areas and when coupled with Concept Solutions **moduline** belt conveyors the process layout can be easily customised to suit your requirements.

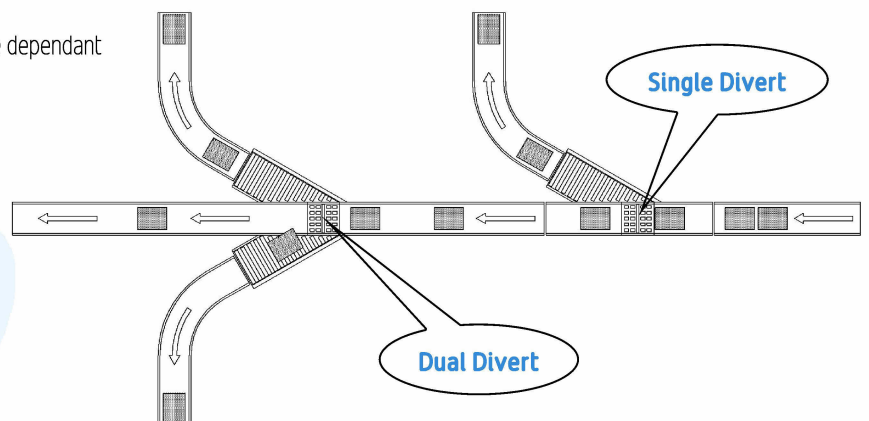
**modusort** can be manufactured from Food grade Stainless Steel; for food processing areas or alternatively in Aluminium or Mild Steel for general warehousing applications



## >> modusort Specifications

Maximum Flow Rate	60 Cartons/min max
Overall Length	2500–3000 mm Carton size dependant
Belt Widths	300–600mm
Belt Speed	50m/min max
Divert Module	Single or Dual Diverting
Max Carton Weight	25 Kgs
Pneumatics	Festo 4–6 Bar, 20 litres/min max
Geared Motor	Sew Eurodrive 0.37kW, 400v, 50Hz, IP65

## >> modusort Typical Layout



## >> modusort Materials

Conveyor Body	Stainless Steel, Aluminium or Mild Steel
Conveyor Belts	Modular Plastic
Sort Module	Stainless Steel and Engineered Plastics
Divert Conveyor Rollers	Belt Driven Stainless Steel or PVC

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