



## DIVIDERS/CONVERGERS

LM slat diverters and combiners are special handling systems used in packaging and process lines for high speed product sortation or combining.



### **Dividers/convergers can be used in many different applications, for example:**

- product sortation following signals from check-weigher, metal detectors, bar code readers, cameras
- balancing product count on downstream machines
- connecting packaging or process machines with different production capacities
- freezer or oven conveyors population
- layer preparation for palletizers or secondary packaging machines

## DIVIDERS MODEL *D8*

Small overall dimensions, low noise, easy connection with upstream and downstream conveyors, low costs are divider model D8 main features.

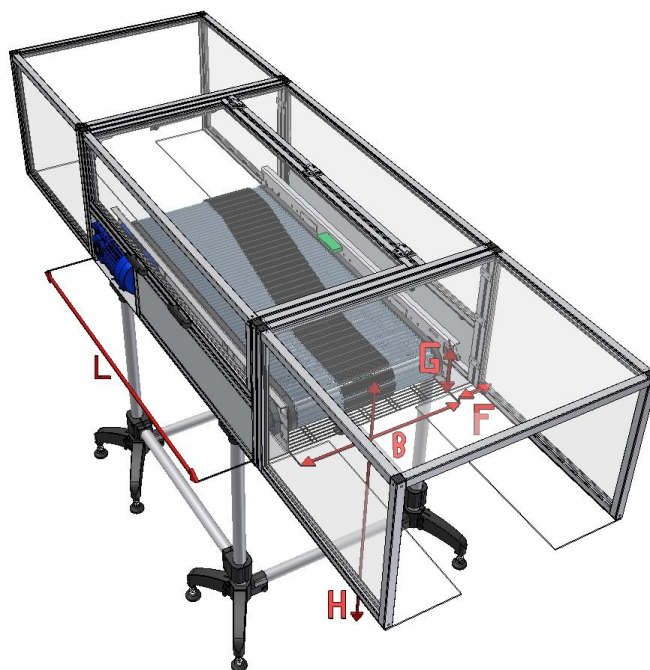
### **Products typically conveyed:**

- unpacked products (snack products, bakery products, frozen food)
- thermoformed trays
- open trays (carton, plastic, polyester)
- flexible packages by horizontal and vertical packaging machines
- small carton boxes



## DIVIDERS MODEL D8

Product maximum weight (kg)	5
Maximum linear speed (m/min):	60
Maximum number of switchings for each lane (n/min):	200
Noise level at 60 m/min (dB):	80
Standard useful width B (mm):	340, 500
Standard length L (mm):	900, 100
Elevation H (mm):	300 to 1200
Side casings width F (mm):	125
Side casings length G (mm):	160



### Construction:

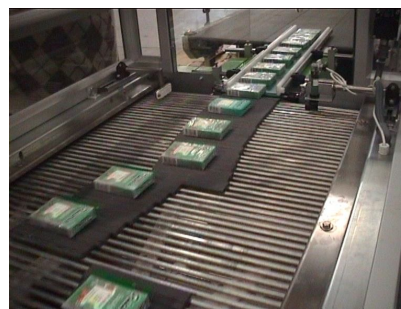
- Standard: mild painted carbon steel
- Stainless steel: stainless steel body
- Wipe-down: 95% of the machine in stainless steel, remaining parts niploy process treatment

### Typical features:

- Several transfer systems for facilitating in and out transfers even when products are very unstable:
  - Gravity or powered rollers
  - Knife edges conveyors transfer modules
- Several types of friction top pallets depending on product and speed
- Motor mounted under the conveyor with indirect drive (chain or tooth belt)

### Options and special versions:

- Inlet space metering belts
- Side mounted motor
- Powered rotating brushes for tubes and pallets continuous cleaning



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