



## 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 *D25*

Very robust construction, generous widths and lengths allowing to deal with many inlet and outlet lanes are at the basis of the success of divider/converger model D25 in most of end of the line applications in packaging and beverage and also in logistics applications.

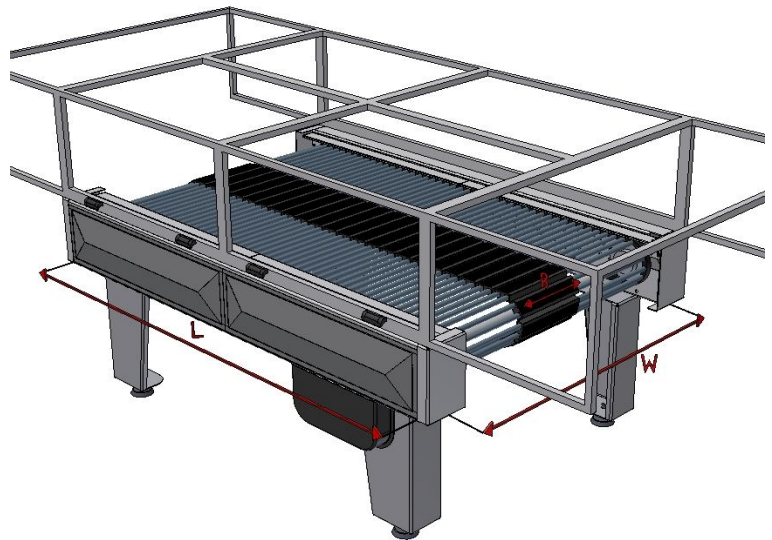
### **Products typically conveyed:**

- shrink packs
- Carton boxes and crates
- plastic crates and totes
- Heavy and bulky products in general



## DIVIDERS MODEL *D25*

Product maximum weight (kg)	50
Maximum linear speed (m/min):	80
Max. number of switchings for each lane (n/min):	200
Noise level at 70 m/min (dB):	83
Standard useful width B (mm):	1200, 1400, 1600, 1800, 2000, 2200
Standard length L (mm):	2500, 3000, 3420
Elevation H (mm):	700 to 1500
Side casings width F (mm):	225
Side casings length G (mm):	360



### Construction:

- Standard: mild painted carbon steel
- Stainless steel: stainless steel body

### 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
  - Overhead or side grip conveyors
- Several types of friction top pallets depending on product and speed
- Motors mounted under the conveyor with indirect chain drive

### Options and special versions:

- Inlet space metering belts
- Side mounted motor
- Centralised variation of lanes centre distances (manual or automatic)
- Automatic chain tensioning system



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