

DIVIDERS & CONVERGERS T12 AND T16

THE INDUSTRIES AND FIELDS OF USE ARE:

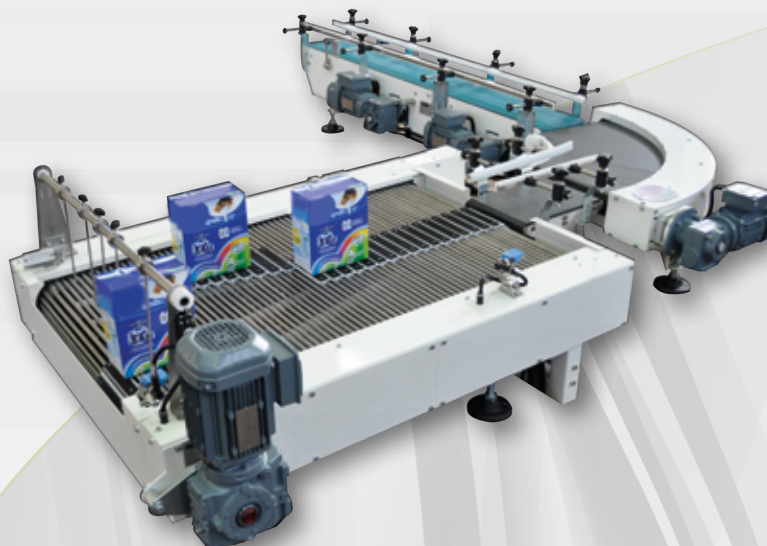
- food & beverage
- pharmaceutical and cosmetics
- chemicals
- logistics

THE FIELDS OF USE OF DIVIDERS AND CONVERGERS ARE, FOR EXAMPLE:

- in enslavement on control stations, such as: metal detector, barcode, checkweigher and vision systems
- input slots on palletizers allow the preparation and configurations of the layers
- product flow balancing from machines with different manufacturing capacities

DIVIDERS AND CONVERGERS T12 AND T16 ARE SUITABLE FOR:

- unpackaged alimentary products (sweets, snacks, baked goods, frozen foods)
- products in flexible packages (flowpack, bags)
- plastic trays, polystyrene, cardboard and thermoformed trays
- bundles, clusters and cases
- packed products (wraparound or American carton)



THE MAIN ADVANTAGES OF DIVIDERS AND CONVERGERS T12 AND T16 ARE:

- the rods are equipped with quick-release plastic clips that allow a fast and easy access to the inside of the machine.
- the sliding surface of the slats is made of a single polizene plate appropriately dimensioned and CNC machined; this allows a quick and easy maintenance.
- compact dimensions and low running and maintenance costs



TECHNICAL DETAILS

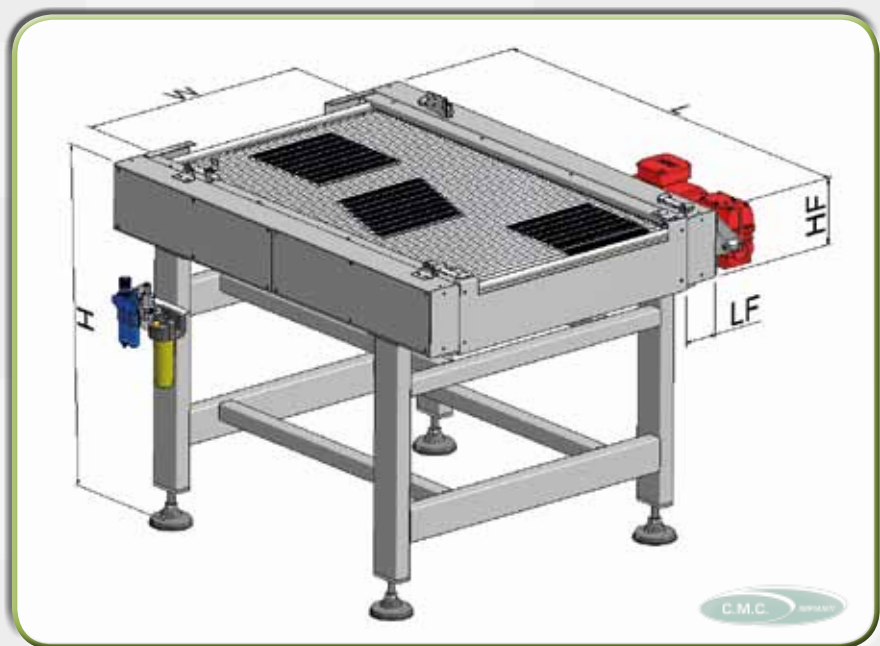
- the movement of the tubes, and therefore of the slats, occurs by means of two chains at the ends of the rods
- the drive is direct and the gear is aligned with the drive shaft; the towing can occurs via gearbox or servomotor
- different types of slats are available depending on the product to convey so to ensure a good grip
- according to production abilities, the diverter can be controlled by pneumatic cylinders or servomotors

STRUCTURAL DETAILS

- standard: the machine is made of a painted carbon steel structure
- stainless steel: the structure of the machine is made of stainless steel

ON REQUEST

- the machines can have a stainless steel structure with "easy cleaning" design; the rods drive chains are nickel-plated and other components are subjected to antioxidant treatment
- the engine is transferred under the machine with chain transfer
- the divider can divide and turn simultaneously the product (giracluster)
- multiple flat belt or modular chain transition at the input and/or output facilitate the transfer of products without decompose them



| | T12 | T16 |
|---|----------------|----------------|
| Maximum linear speed (m/1') | 80 * | 80 * |
| Products maximum weight (Kg) | 8 | 17 |
| Maximum number of switchings with pneumatic switch (n/1') | 110 | 110 |
| Maximum number of switchings with servodriven switch (n/1') | 500 | 500 |
| Useful width W (mm) | 550 to 1.100 | 550 to 1.300 |
| Standard lenght L (mm) | 1.360 to 2.090 | 1.360 to 2.500 |
| Working height H (mm) | 300 to 1.500 | 300 to 1.500 |
| Side bodyframe width LF (mm) | 150 | 150 |
| Side bodyframe thickness HF (mm) | 200 | 200 |

Note:

* depending on products dimension and weight

Technical features can be changed by the manufacturer without any notice.

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