

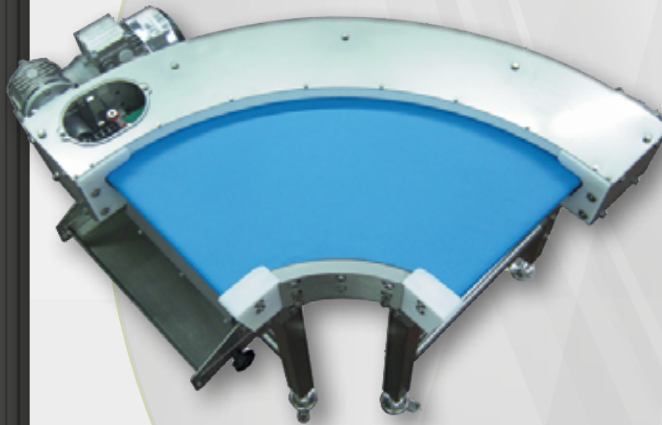
BELT BENDS

THE INDUSTRIES AND FIELDS OF USE ARE:

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

THE BELT BENDS ARE SUITABLE FOR THE TRANSPORT OF:

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



THE MAIN ADVANTAGES OF THE BELT BENDS ARE:

- reduced sizes and overall dimensions compared to the width of the belt (the internal radius of curvature is not bound to the width of the belt, this allows very small radii even with large widths of the belt)
- excellent product transfer as it is possible to install knife edge-rollers at the extremities (this means that the product delivered is not decomposed during the transfer)
- very high operating speeds



TECHNICAL DETAILS

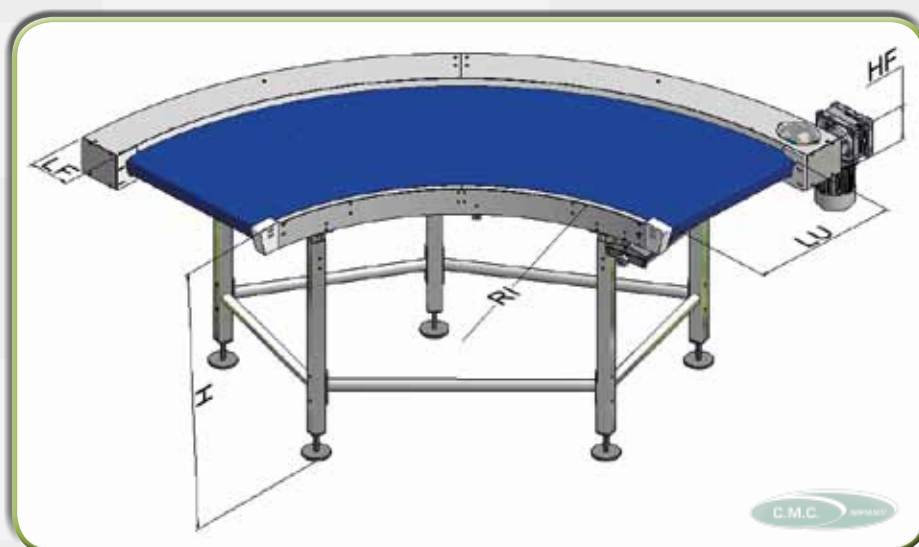
- the handling of the belt is realized by means of a chain with flights (placed on the outer radius) and special rubber loops that distribute the tension on the entire development of the belt
- this type of structure, together with the support of the curve with a telescopic extension, allows an easy replacement of the belt (avoiding overhanging special executions)
- the drive is direct and the gear is aligned with the drive shaft; the driving can occurs via gearmotor or servomotor

STRUCTURAL DETAILS

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

ON REQUEST

- the curve can be made of stainless steel with "easy-cleaning" design
- the engine is transferred under or above the curve with toothed belt or chain transfer
- belt sliding plane in stainless steel available also in the "standard" version
- belt scrapers with waste collection box
- sliding surface with rollers to facilitate heavy loads handling



Maximum speed (m/1')	100 *
Bending angles	30° to 200°
Useful belt width LU (mm)	200 to 2.200
Inner radius Ri (mm)	200 to 2.000
Working height H (mm)	300 to 1.600
Standard rollers diameter (mm)	60
Knife edge rollers diameter (mm)	16, 11, 9
Side bodyframe width LF (mm)	170
Side bodyframe thickness HF (mm)	145

Note:

* depending on bend dimension

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

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