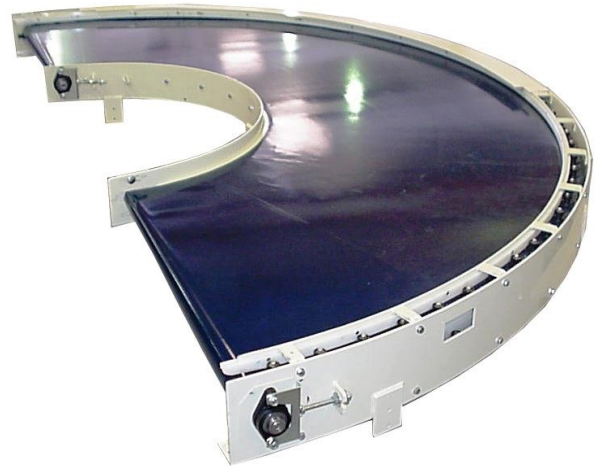
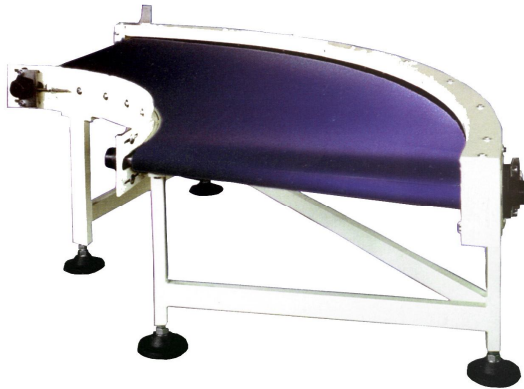




RUBBER BELT CURVES

Rubber belt corners are used to convey both packed and unpacked products along curved paths. Flexibility, robust construction and low maintenance are at the basis of LM belt bends success and wide utilisation in many industries and applications.



General features of LM belt curves:

- very compact dimensions in relation with the width of the belt (the radius of the curve does not depend on the width)
- high linear speed
- position and orientation of products conveyed are perfectly controlled and are not altered, because there is no relative movement between belt and product (up to the point that in most of the applications product side guides are not necessary).

Depending on the application and on the characteristics of the product to be handled, LM can offer 2 different types of rubber belt curves: belt curves with cylindrical end rollers and belt curves with conical end rollers

CONICAL END ROLLERS CURVES

Applications:

- packaging industry
- logistics
- tiles, bricks and cement production
- woodworking industry
- hostile environments and heavy duty operation in general

Products typically conveyed:

- wood and plastic cases
- cardboard boxes
- bags containing powder products
- shrink packs
- tiles and bricks
- wood panels



CONICAL END ROLLERS CURVES

Product maximum weight (kg/m)	90
Maximum speed (m/min):	100
Noise level at 70 m/min (dB):	80
Curve angles:	30° to 180°
Useful width Lu (mm):	200 to 1700*
Internal radius Ri (mm):	200 to 1100*
Height H (mm):	300 to 1500
Side casing height F (mm):	80
Side casing width G (mm):	200

*100mm increments for both Ri and Lu

Construction:

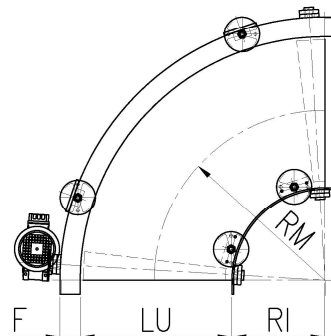
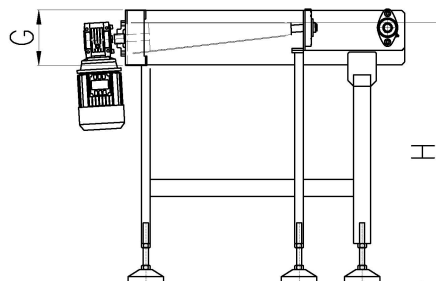
- Standard: mild painted carbon steel
- Stainless steel: stainless steel body
- Abrasive environments: designed to minimise the wear of all friction and revolving parts

Typical features:

- the belt is pulled by one of the edge rollers which have a conical shape and are rubber coated. The belt is kept tensioned by special coated bearings which are mounted on the external radius and operates along high density polyethylene guiding, this construction allows:
 - Ability to convey large and heavy products and frequent starts and stops with products on the belt
 - Low noise operation
 - Long maintenance intervals also in hostile environments
- Direct drive with motor mounted on the side of the belt

Special versions:

- Motor positioned under or over the conveyor
- Helix construction with difference in level between in-feed and out-feed
- Heavy duty construction with larger diameter rollers and bearings
- Special construction for high temperature products or environments
- Predisposition for hanging from ceiling



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