

Roller Conveyor Top Module

LD-250-RC-LW

Dimalog

Sturdy and customizable lengthwise roller conveyor for the LD-250 mobile robots. All models have silent and high friction coated rollers as standard, as well as optical sensor at the front of the conveyor to identify the transported products. The height of the conveyor level from the floor can be selected when ordering from 500 mm to 1100 mm. A wide range of accessories available, for example additional sensors, electric stoppers and electric height adjustment.



LD-250-RC-LW

- Module length (L) 1000-1250 mm (other lengths on request)
- Module width (TW) 100 mm + LW (+ side lasers)
- Conveying height selectable between 500 - 1100 mm
- 24VDC Roller drive (D=54 mm incl. PVC coating)
- Roller drive controller with adjustable roller speed
- Poly-V belt driven, PVC-coated rollers
- Roller pitch according to the transported products
- Optical sensor in the front end of the conveyor
- Back stop on the back end of the conveyor
- Adjustable side guides
- Max payload up to 200 kg
- Control option: LD user IO
- LED warning light on top
- Options:
- Back sensor
- Electric front stop
- Conveyor divided into two or more zones (separate motors)
- Electric side guides for automatic lane width adjustment
- Electric height-adjusting module
- Control options: PLC / remote IO
- Blue LED Spotlight on the front lighting the floor in front of the robot

Dimensions of standard models

Model	Lane width LW (+/-10 mm)	Module length L
LD-250-RC-LW-1	310	1000
LD-250-RC-LW-2	410	1000
LD-250-RC-LW-3	510	1000
LD-250-RC-LW-4	610	1000
LD-250-RC-LW-5	710	1000
LD-250-RC-LW-6	410	1200
LD-250-RC-LW-7	510	1200
LD-250-RC-LW-8	610	1200
LD-250-RC-LW-9	710	1200
LD-250-RC-LW-10	810	1250

Other widths and lengths available on request.

