

# Roller Conveyor Top Module

## LD-60/90-RC-LW

**Dimalog**

Multipurpose and customizable lengthwise roller conveyor for the LD-60/90 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 level can be selected when ordering from 450 mm to 1000 mm. A wide range of accessories available, for example additional sensors, electric stoppers and electric height adjustment.



### LD-60/90-RC-LW

- Module length (L) 650-750 mm (other lengths on request)
- Module width (TW) 85 mm + LW (+side lasers)
- Conveying height 450 mm (can be raised up to 1000 mm with Spacer Modules)
- 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 70 kg
- Control option: LD user IO
- LED warning light on top
- Options:
- Back sensor
- Electric front stop
- Conveyor divided into two zones (separate motors)
- 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-60/90-RC-LW-1	310	650
LD-60/90-RC-LW-2	410	650
LD-60/90-RC-LW-3	510	650
LD-60/90-RC-LW-4	310	750
LD-60/90-RC-LW-5	410	750
LD-60/90-RC-LW-6	510	750

Other widths and lengths available on request.

