

Roller Conveyor Top Module

LD-60/90-RC-CW

Dimalog

Multi purpose and customizable crosswise roller conveyor on top of the LD-60/90 mobile robot. All models have silent and high friction coated rollers and optical sensors at both ends 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-CW

Module length (L) 500-630 mm (+ side lasers) (other lengths on request)

Module width (TW) 85 mm + LW

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 sensors in both ends of the conveyor

Adjustable side guides

Max payload up to 70 kg

Control option: LD user IO

LED warning light on front top

Options:

Front/back stop

Electric front/back 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-CW-1	410	500
LD-60/90-RC-CW-2	510	500
LD-60/90-RC-CW-3	610	500
LD-60/90-RC-CW-4	410	630
LD-60/90-RC-CW-5	510	630
LD-60/90-RC-CW-6	610	630

Other widths and lengths available on request.

