

Roller Conveyor Top Module

LD-250-RC-CW

Dimalog

Sturdy and customizable crosswise roller conveyor for the LD-250 mobile robots. All models have silent and high friction coated rollers as standard, as well as optical sensors at both ends 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-CW

Module length (L) 700-850 mm (+ side lasers) (other lengths on request)

Module width (TW) 100 mm + LW

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 sensors in both ends of the conveyor

Adjustable side guides

Max payload up to 200 kg

Control option: LD user IO

LED warning light on front top

Options:

Front/back stop, electric front/back stop

Conveyor divided into two or more control zones

Electric side guides for automatic lane width adjustment

Electric height-adjusting module

Multi-conveyor version (two or more conveyors side-by-side)

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-CW-1	410	700
LD-250-RC-CW-2	610	700
LD-250-RC-CW-3	810	700
LD-250-RC-CW-4	1010	700
LD-250-RC-CW-5	610	850
LD-250-RC-CW-6	810	850
LD-250-RC-CW-7	1010	850
LD-250-RC-CW-8	1210	850

Other widths and lengths available on request.

