

Double Roller Conveyor Top Module LD-60/90-RC-2CW

Dimalog

Multi purpose double roller conveyor for the LD-60/90 mobile robots. All models have silent and high friction coated rollers and optical sensors at both ends of the conveyor to identify the transported products. Thanks to two separate conveyors, it is possible to unload and receive a load simultaneously at one stop. Easy to use with a compatible PDS-2 station. The illustrated assembly consists of LD-90 mobile robot, double roller conveyor module, Spacer Module M and side lasers.



LD-60/90-RC-2CW

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

Module width (TW) 100 mm + 2 x 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 conveyors

Adjustable side guides

Max payload up to 30 kg

Control option: LD user IO

LED warning light on front top

Options:

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-2CW-1	310	500
LD-60/90-RC-2CW-2	360	500
LD-60/90-RC-2CW-3	410	500
LD-60/90-RC-2CW-4	310	630
LD-60/90-RC-2CW-5	360	630
LD-60/90-RC-2CW-6	410	630

Other widths and lengths available on request.

