



# BELT DRIVEN TRANSFER ERS 53

The Logic 90° Transfer, lifts and transfers materials from a straight section and moves the materials at right angles, this can also be used for merging and diverting. The electrical stroke of the transfer belt arms guarantee safe transportation. The belt transfer cassettes are easily and quick replaceable to have minimum loss of production time.

Roller Conveyors  
**Belt driven**  
ERS 53  
Transfer

## TECHNICAL DATA

### General technical data

Max. load capacity per zone	50 kg
Conveyor speed	max 0,9 m/s
Transfer speed	max 1,2 m/s
Inclined/declined	Not suitable
Ambient temperature	+5 to +50 °C

**Maximum load capacity is depending on the combination of speed & load**

### Roller

Drive medium	Flat belt driven by previous modul
Roller bearing	Sealed Precision bearing 6002 2RZ
Roller diameter	50 mm
Roller material	Steel, zinc-plated

### Transfer Cartridge

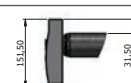
Rated voltage (Roller drive)	400V / 50 Hz / 3 phases
Max. electric power/pressure	0,25 kW
Power transmission transfer	Toothed belt
Stroke height	9 mm above top edge of roller

### Lifting gear

	Mechanical	Pneumatic
Operating medium	400V / 50 Hz / 3 phases	Compressed air in accordance with ISO8573-1:2010 (7:4:4)
Operating power/pressure	0,12 kW	0,6 ... 10 bar
Piston diameter		50 mm

### Side profile

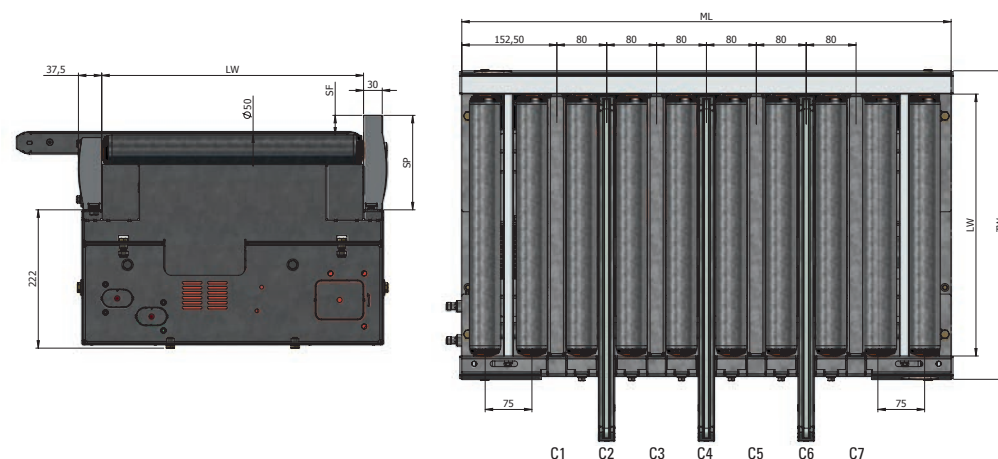
Profile H	151,5 mm high 31,5 mm above top edge of roller
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Combination of profile heights left/right



## DIMENSIONS



### Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
ML Module length	785 mm
TW Module width	LW + 75 mm
α Angle	90°
C1 First belt pitch	152,5 mm
C2 till C7	152,5 + n x 80 mm

## LOGIC CONFIGURATOR

Please create the reference number with the following configurator.

### 1 TYPE ERS 53

**2 Clearance LW**  
420 | 520 | 620 | 820  
Friction Top Roller put **F** behind the **LW**  
Example 53 - 420F - 75 - .....

### 3 TYPE T1, T2, T3

### 4 Amount of cassette 2 | 3 | 4 | 5 | 6 | 7

### 5 First cassette C1 | C2 | C3 | C4 | C5 | C6

### 6 Casset Pitch n x 80 mm

### 7 Lifting gear Mechanical | **M** Pneumatic | **P**

### 8 Transfer speed in m/s 0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,98 | 1,2

### 9 Side profiles HL | LH | LL

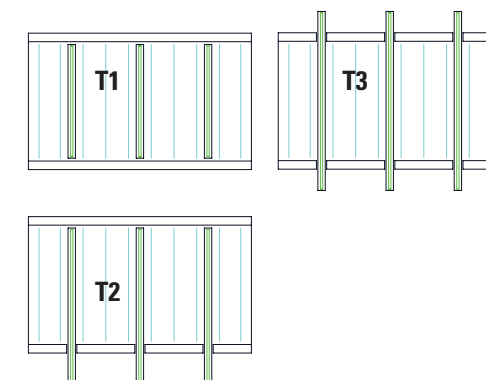
**1** **2** **3** **4** **5** **6** **7** **8** **9**  
53 - - - - - - - - -

## ORDER EXAMPLE

Example for a reference number:  
**53 - 620 - T2 - 3 - C2 - 2 - M - 0,98 - LL**

This reference number stands for logic transfer ERS 53 with a clearance LW of 620 mm, type T2 with 3 cassette, the first cassette C2 (position 152,5 + 80 mm) with every next cassette pitch of 2 x 80 mm (160 mm), Lifting gear: mechanical, transfer speed 0.98 m/s and low side profile both sides.

**Depending on the layout the pop up can outfeed up to 4500 products/hour.**



## ORDER INFORMATION

• Module is completely assembled with control and sensors

• Please order support stands, side guides end caps, straight connectors and sensors separately

• Steel components are zinc-plated

## CONFIGURATOR

• If you require a non-standard model, contact your local Logic Supplier.

## ACCESSOIRES

• Support stands, see P94

• Accessoires, see P102

