



INSPIRED BY  
EFFICIENCY



# INTERROLL ROLLERBELT AND BELT CURVE LIGHT

BELT CONVEYORS  
WITH ZERO PRESSURE ACCUMULATION

# THE ART OF ZERO PRESSURE EVEN AROUND BENDS.

## CONVEYOR SOLUTIONS FOR LIGHTWEIGHT APPLICATIONS

### Cost-effectiveness

Precisely pre-assembled and rapidly delivered units for fast and simple integration into overall system (plug and play).

The conveyor modules and subsystems offer a number of key benefits:

- High availability combined with hassle-free handling
- Superior efficiency even for low throughput applications
- Cost-effective investment with rapid return on capital expenditure (two to three years)
- Easily adaptable

### Intelligence

Thanks to the internal control unit, the conveyor is transformed into an intelligent single-position conveyor capable of assigning each conveyed item to its own zone in the overall system.

In this case, no master control is required. Additionally, the unit is equipped with an interface for the centralised management of various parameters.

### Zero-pressure accumulation

On reaching the end of a zone, the moving unit load activates the subsequent conveyor zone.

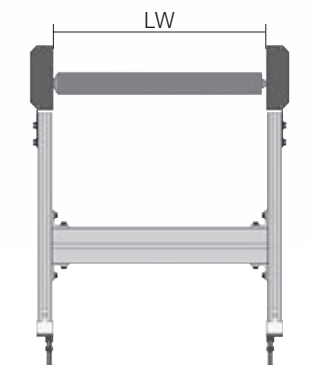
The items being conveyed are never in contact and can be accumulated – with zero pressure – if required.

This provides the basis for a consistent flow of goods and safe buffer conveying.



### Dimensions RollerBelt BM 5505

LW Clearance	360 - 610 mm
ML Module length	N x ZL
ZL Zone length	450 - 2000 mm
Speed v	up to 0.8 m/sec



# SSURE ACCUMULATION.

## Efficiency

Energy-saving operations, e.g.:  
37 % energy saving compared to conventional 400 V accumulation conveyors  
(based on mixed operation of 30 % low utilisation, 60 % peak utilisation and 10 % buffering)

## Low-noise operation

Noise emission < 62 dB (A)  
(without conveyor load)

## Flexibility

Particularly suited to small and light items such as:

- CDs, DVDs, books
- Pharmaceuticals
- Packaged goods, etc.

Owing to the homogeneous belt surface, products with an uneven or soft base, which are often unsuitable for roller conveyors, can be conveyed efficiently and reliably.

The RollerBelt is applicable for products up to 50 kg and the Belt Curve Light for products up to 20 kg.

## Compact design

The overall unit features a streamlined design with an integrated 24 V RollerDrive.

## Plug-and-play operation

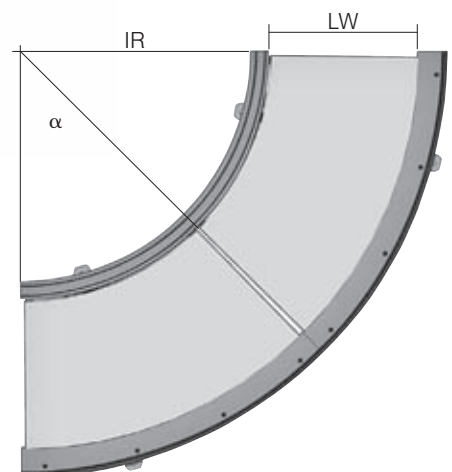
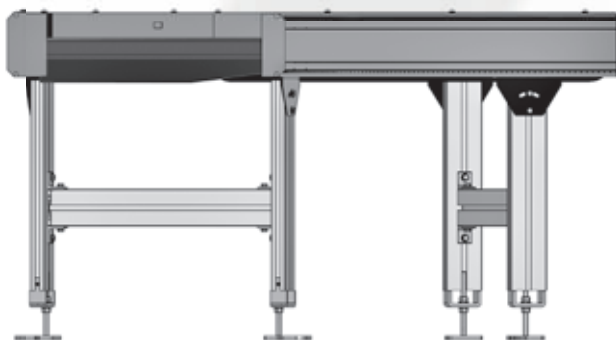
Ready-to-use solution thanks to pre-assembled modules from the versatile Intelliveyor range.



## Dimensions Belt Curve Light BM 5531

LW Clearance	360 - 610 mm
IR Inner radius	825 mm
Segment angle	$\alpha$ 45°
Speed v	up to 0.5 m/sec

**For heavier loads and higher speeds, we recommend Belt Curve BC 4608.**





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