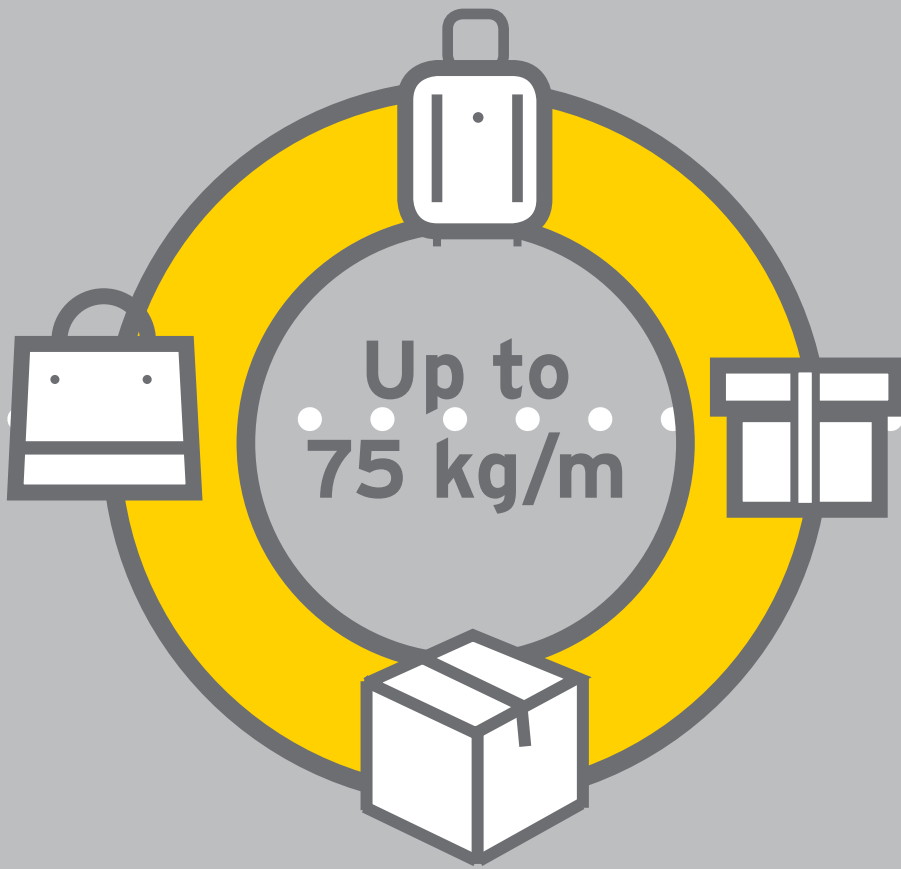


Interroll Portec Belt Curve  
**The most reliable solution  
for the CEP industry**



**Universal applications:**

- From small packages (CEP) up to baggage transport at airports

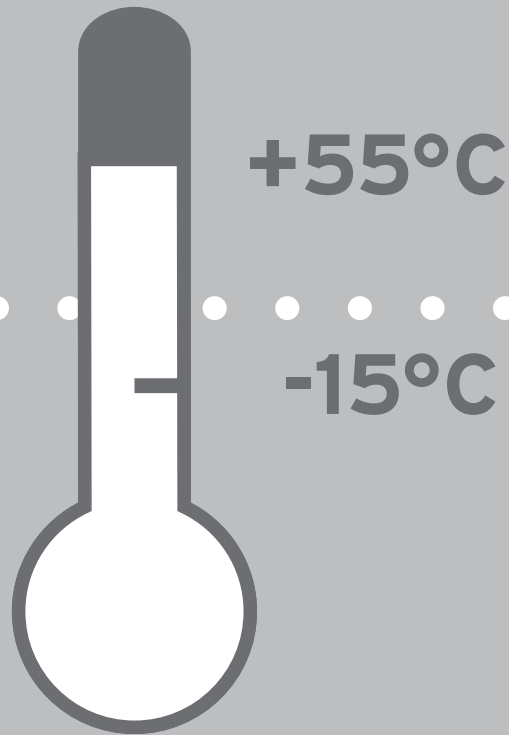
# Interroll Portec Belt Curve

## **Whenever reliability, performance and simplicity are called for**



The worldwide courier, express and parcel service industry (CEP) continues its road to success of recent years. The e-commerce business is the essential driver with double-digit growth rates. Approximately 3.7 billion\* packages are on their way in Europe alone every year with the goal of reaching the customer as scheduled. This challenge can be mastered only with the help of perfectly functioning processes and state-of-the-art technology in the background. Highest possible availability is the basic requirement for efficient and productive logistics systems.

- Use at different temperatures



Lower operating costs, high reliability, low downtimes and more control over maintenance costs, spare parts and system output: These are the requirements that have to be met by such a system. With more than 60 years of experience, Interroll Portec Belt Curves are highly persuasive here: Customers specifically value the reliability and robustness of the solution, which contributes daily to on-time delivery of parcels and shipments in more than 80,000 installations throughout the world.

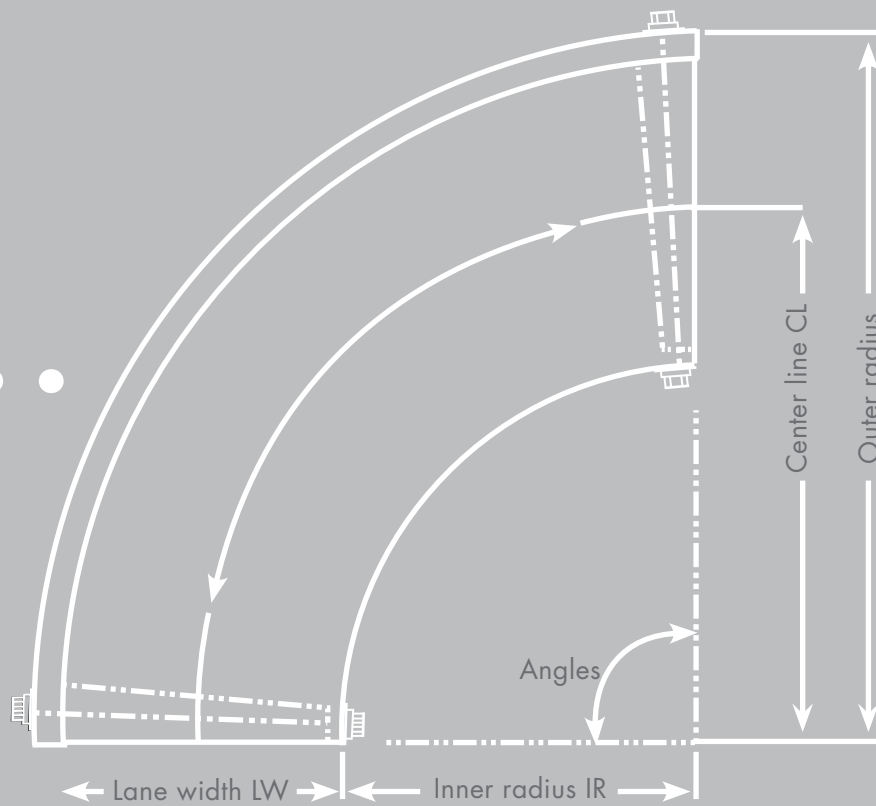
- ☺ High reliability
- ☺ Robust construction
- ☺ No belt slippage
- ☺ Low maintenance needs
- ☺ Quick belt replacement
- ☺ Worldwide availability

## Positive drive

With the Interroll Portec Belt Curve, the positive drive requires only low belt tension, thereby ensuring excellent reliability and low overall operating costs. Interroll delivers high-end products with outstanding performance as well as consistently high quality. And the fact that they require significantly less maintenance than any other Belt Curve persuades all plant engineers and operating companies.

In principle, belts are wear parts and have to be replaced from time to time. The open belt, combined with the positive drive, enables a belt change of the Interroll Portec Belt Curve in only 30 minutes.

Conventional, friction driven belt curves frequently present the problem of belt slippage and, as a result, overheating of the belt:



The belts run via idler pulleys, which can lead to a failure in case of a parcel jam on these curves. As a result, not only the belt, but also the expensive idler pulleys will have to be replaced.

On top of that, friction-driven curves are subject to significantly higher wear of the belts due to the necessary high belt tension, and the idler pulleys have a lower service life.

## Technical specifications

### Dimensions

|                 |                       |         |         |         |
|-----------------|-----------------------|---------|---------|---------|
| Angles          | 30°, 45°, 60° and 90° |         |         |         |
| Inner radius IR | 1000 mm               | 800 mm  | 800 mm  | 800 mm  |
| Lane width LW   | 1100 mm               | 900 mm  | 700 mm  | 500 mm  |
| Center line CL  | 1550 mm               | 1250 mm | 1150 mm | 1050 mm |

### General technical data








|                     |                  |
|---------------------|------------------|
| Max. load capacity  | 75 kg/m          |
| Rated voltage       | 400 V            |
| Electrical power    | 0.37 to 3.7 kW   |
| Max. speed          | 2 m/s            |
| Ambient temperature | -15 °C to +55 °C |

### Material

|               |   |
|---------------|---|
| Conveyor belt | Flexam EF 10/2 0+A22 Black AS FR with mechanical connector, others upon request |
| Slider bed    | 3 mm sheet steel  |



# Advantages of the positive drive

-  Low belt tension for maximum service life
-  No belt slippage, even under overload
-  Suitable for continuous operation, high reliability
-  Operation under very high and low temperatures
-  Few, simple and quick maintenance tasks
-  Short downtimes
-  Low total cost of ownership (TCO)

## **About Interroll**

Established in 1959, Interroll has grown to become the world's leading supplier of key products for internal logistics. Whether boxes, pallets or soft goods are to be handled, no other supplier has such a complete product range on offer.

That is why system integrators, OEMs and operators select Interroll as their partner for their logistics business. Worldwide.

The Interroll global network ensures quick delivery and superior service for every local customer. We inspire our customers and provide opportunities for them to increase efficiency.

**interroll.com**

Interroll reserves the right to modify the technical characteristics of all its products at any time. Technical information, dimensions, data and characteristics are indicative only.

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