

# CALJAN BELTRACK, TYPE C

## TELESCOPIC CONVEYOR, COMBINED WITH PARCEL REGISTRATION

### Protects revenue

Billing based on actual data guarantees fair value for your customers and protects you against loss in revenue due to incorrectly declared size and weight.

### Focus on security

Improved security level and space planning thanks to parcels being correctly identified at the onset.

### In-line data capture

Regardless of the parcel shape the dimension (5 mm resolution) and weight (50 g resolution) are registered automatically as the parcel travels along the belt.



## AN INTELLIGENT UNLOADING SOLUTION THAT TRANSPORTS, AND REGISTERS PARCELS IN A MINIMUM OF SPACE

Caljan BeltTrack, type C, is a patented data capture unit comprising various modules that are combined to suit each specific application. At minimum a Caljan BeltTrack, type C, incorporates a telescopic conveyor, a separation belt and a weighing system. Dimensioning and sorting modules, routers, data registration etc., can be combined as required.



### **Quality**

Caljan BeltTrack, type C (patent No. EP 0 658 499) can be fitted with a wide range of options, including hydraulic elevation. Each machine is produced specifically for the application concerned.



### **Safety**

Caljan BeltTrack design, with shielded underside, brushes at gaps, encased chains and guarded moving parts, is protected by patent No. EP 1 559 666. European Safety and EMC requirements are fully adhered to.



### **Service**

You are able to locate each parcel, as the unique bar code is registered. This enables you to provide a track and trace service to your customers.



## Description

Caljan BeltTrack, type C, consists of a telescopic belt conveyor, a separation belt and a data registration unit.

This unique data capture solution enables parcels of any shape to be accurately identified in the unloading zone.

The registration unit, with two conveyor belts, is an integral part of the BeltTrack basic section. As parcels pass beneath the tower, they are weighed and scanned, using omni-directional bar code scanning.

An embedded computer controls all parcel data and transfers the data to the customer host system.

## Design

Caljan BeltTrack, type C, is designed for a nom. throughput of up to 2,000 parcels per hour.

However, the operator working process determines the capacity in the unloading zone. A typical capacity for one operator is 700-800 parcels per hour.

## Parcel Profile

Max. parcel size: 1200 x 900 x 900 mm

Min. parcel size: 150 x 50 x 50 mm

Max. parcel weight: 60 kg

Min. parcel weight: 0.25 kg

## Technical Data

|                    |  |
|--------------------|--|
| Length retracted*: | from 5 to 7.6 metres<br>(+7.5 cm safety strip)     |
| Extension*:        | from 7 to 16.7 metres                              |
| Total length*:     | Between 12 & 24.3 metres<br>(+7.5 cm safety strip) |
| Overall height*:   | From 1050 mm + Analyser                            |

\* depending on selected type of telescopic conveyor

|                         |  |
|-------------------------|--|
| Belt speed:             | 0.5 - 1.0 m/sec.<br>(30 - 60 m/min.)   |
| Temperature range:      | 0° to 40°C (14° to 104°F)  |
| Dimensions, resolution: | 5 mm (scale step)  |
| Weight, resolution:     | 50 g (scale step)  |
| Power supply:           | 400/230 V, 50 Hz,<br>3 phase, N, PE  |
| Host connection:        | Ethernet with TCP/IP   |
| Certificates:           | OIML R129/OIML R51   |
| Software certificate:   | Legal for trade in<br>accordance with WELMEC   |
| RAL Colour:             | Standard RAL 3020. Other<br>RAL colours available on<br>request  |
| Options:                | A wide range of options is<br>available including serial<br>host communication,<br>hydraulic elevation, droop<br>snoot, portal light and<br>alarm system |



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