



INSPIRED BY  
EFFICIENCY



# INTERROLL ROLLERDRIVE EC310

THE NAME FOR  
INTELLIGENT CONVEYING



# UNIT HANDLING CONVEYOR TECHNO

## INTERROLL ROLLERDRIVE EC310 REPLACES

The advantages of the RollerDrive EC310 over traditional unit handling conveyor technology are self-evident:

- Lower primary energy consumption
- Up to 30 % energy savings due to feed back energy
- Intelligent control systems
- Maintenance-free

Today the simplicity of controls architecture is decisive in terms of using RollerDrive technology or not. With the new generation of RollerDrives it is now



# LOGY IS ON THE MOVE. WORLDWIDE.

## TRADITIONAL MECHANICAL SYSTEMS

possible to unify components to a full functional unit.

EC310 takes over extended control functions enabling the user to focus more on his core competence and

expertise. System integrators can therefore focus on material flow strategy and OEMs on the best possible modularity of their equipment.

New and proven Interroll components can thus be integrated into one overall function, enabling customers to reduce costs, and at the same time improving the quality of their processes.

# ROLLERDRIVE



## ROLLERDRIVE EC310

THE OPTIMUM  
DRIVE COMPONENTS  
FOR UNIT  
HANDLING CONVEYOR TECHNOLOGY

### The Benefits

- A single drive for every application
- Energy recovery
- Safe due to 24 V DC technology

### The Features

- Excellent acceleration and braking performance
- Integral motor controller
- Motor protection functions
- Low noise level due to decoupling
- 9 gear stages for optimum adjustment at the operating point
- Additional speed adjustment via analogue set point
- Protection rating IP54 and IP66
- 450 mm cable with M8 snap-in plug
- Cable can be extended by up to 10 m

# EC310: COMPLEX, FUNCTIONAL

Intralogistic is a challenging business – especially zero pressure accumulation conveyors. To move from Zone control, with the Interroll RollerDrive EC310 we are presenting a premium component for zone control in production and assembly lines. EC310 guarantees perfectly coordinated functions that can be seamlessly integrated into existing systems. The configuration software of our ConveyorControls will enable you to coordinate zone control. Whatever you want to move, you are in the fast lane with the Interroll RollerDrive EC310.

## DRIVECONTROL 20 AND 54

THE VERSATILE DRIVE FOR  
THE ROLLERDRIVE EC310



DriveControl 20

DriveControl 54

### The Benefits

- High flexibility
- Strong housing design
- Easy interface by optically decoupled inputs/outputs

### The Features

- Housing has protection rating IP20 and IP54
- Housing fitted with standard markers
- Input/output settings:
  - Start
  - Direction of rotation
  - 3-bit coded speed
  - Error output

- DIP switch settings:
  - Direction of rotation
  - Speed

# , FLEXIBLE AND COMPATIBLE. TE

rs. And as the range of parameters extends widely from A to Z, from Actuators  
component that you can use to design your own, tailor made and versatile conveyor  
seamlessly integrated into your logistics system.  
es or highly-complex, networked controls according to your concept.  
0. One way or another.

## ZONECONTROL

THE SIMPLE CONTROLLER FOR ZERO PRESSURE  
ACCUMULATION CONVEYOR TECHNOLOGY



### The Benefits

- Fast and simple installation
- Standard cabling
- Ultra-simple configuration

### The Features

- Single zone controller with integrated zero pressure accumulation logics
- Integration of all DriveControl functions
- Connection of a zone sensor and start sensor
- Handshake-functions for upstream and downstream conveyors
- Input/output zone stop in every zone

- Central signals:
  - Conveyor speed
  - Error output
  - Start
  - Reversal of direction
- Peer-to-peer cabling with CAT 5 cables (network cable)
- IP20 protection rated housing
- Housing fitted with standard markers

# ST IT YOURSELF.



SegmentControl



ComControl

## NEW

# CONVEYORCONTROL

## NETWORKED CONTROL COMPONENTS FOR UNIT HANDLING CONVEYOR TECHNOLOGY



GatewayControl



CentralControl

### The Benefits

- Fast installation and commissioning
- Flexible configuration
- Complete industrial compatibility with high protection rating

### The Features

- Fully configurable accumulation conveyor system
- IP54 protection rating throughout
- Cabling concept with piercing technology independent of length
- PC-based graphic configuration software
- Gateways to Profibus and Profinet
- Settable acceleration and braking ramps



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Please find all sales contacts and addresses at **[interroll.com](http://interroll.com)**

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