



# HIGH QUALITY DIVERTER

## 3-LINE Diverter

Easy conveyors offers flexible sorting modules in 5 different sizes

The Easy Conveyors Diverter is a 3-line diverter module, designed to be integrated into every conveyor system. It's the new modular standard for quick and accurate sorting.

The products are transported over conveyors, which split into three different directions at the point of the diverter. The products can go straight ahead, turn left or right. Because the diverter is used for sorting a wide variety of products, it adapts to every production line and every product. Such as: boxes, crates, cans and barrels.

Flexibility is the most important reason to install and integrate the diverter into your productflow system. Curious about all the benefits? Discover them below.

## Our diverter...

-  5 sizes of standard modules – for longer products, multiple diverters can be put in line
-  fluent diverting of products without abrupt braking or mechanical force
-  Easy and swift installation in all common conveyor systems
-  Throughput of 3600 products per hour
-  100% reliable and fast quotations
-  Cost-effective due to quick and easy installation - Fast working pace and limited investment cost
-  Easy to adjust and set-up programming



# 3-Line Diverter



## Mechanical information

Disc diameter	Ø 85 mm
Module length	315 mm
Amount of rows	3
Available widths (mm)	420 - 520 - 620 - 720 - 820
TPU wheel diameter	Ø 60 mm
Hardness wheel	60° Shore A
Diverting angle	- 45° to +45°

## Control information

Motor drive	24V pulse gear drive
Maximum rotation speed	- 45° to +45° in 0,35 s
Motor PU wheels	24V pulse gear drive
Maximum speed	1,5 m/s
Sensors	1 homing sensor
Control	1 control card, standard 1/0 pin out via M8 connector, Profinet available (EtherCAT on request)

## Product handling

Minimum size product	200 x 200 mm
Maximum size product	on request
Maximum sorting capacity	3600 parts per hour
Minimum product weight	100 g
Maximum product weight	40 kg

