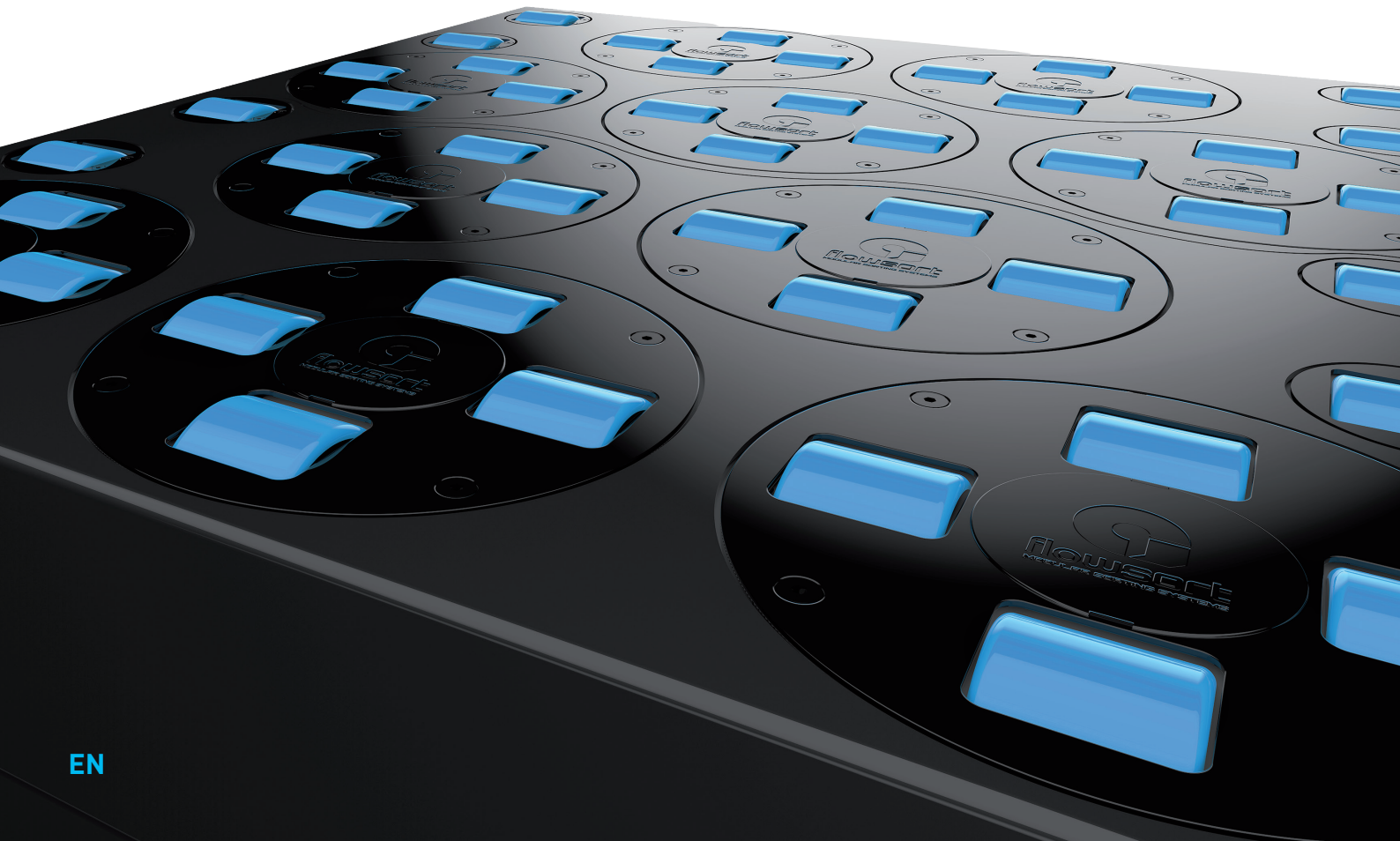


FATH   **flow**sort



ECO FLOW



SLD DIVERTER

Single Line Diverter = 1 Row

MECHANICAL INFORMATION

Disc diameter

Module height

Module length

Amount of rows

Available widths

PU wheel diameter

Wheel hardness

Diverting angle

Ø 180 mm

360 mm

200 mm

1

all widths available in mm
from 400mm to 1.100mm

Ø 58 mm

80° Shore A

-90° to +90°

PRODUCT HANDLING

Minimum product size

Maximum product size

Maximum sorting capacity (PPH)

Minimum product weight

Maximum product weight

150 x 150 mm

on request

6.000

50 g

35 kg

CONTROL

Motor drive for discs

Maximum rotation speed

Motor drive for PU wheels

Maximum speed

Sensors

Control

24V Pulse gear drive

-90° to +90° in 0,35 s

24V Pulse gear drive

1,5 m/s

1 homing sensor per row

standard 1/0 pin out via M8 connector,
EtherCAT or Profinet available

Depending on the application, it may not always be possible to combine maximum values. With the Flowsort online configurator,



DLD DIVERTER

Double Line Diverter = 2 Rows

Ø 180 mm

360 mm

400 mm

2

all widths available in mm
from 400mm to 1.100mm

Ø 58 mm

80° Shore A

-90° to +90°

150 x 150 mm

on request

6.000

50 g

35 kg

24V Pulse gear drive

-90° to +90° in 0,35 s

24V Pulse gear drive

1,5 m/s

1 homing sensor per row

standard 1/0 pin out via M8 connector,
EtherCAT or Profinet available



ZZ DIVERTER

Zig-Zag Diverter = 2 Rows

Especially suitable for very small products

Ø 180 mm

360 mm

373,2 mm

2

400 mm, 600 mm, 800 mm und 1.000 mm

Ø 58 mm

80° Shore A

-90° to +90°

80 x 80 mm

on request

6.000

50 g

35 kg

24V Pulse gear drive

-90° to +90° in 0,35 s

24V Pulse gear drive

1,5 m/s

1 homing sensor per row

standard 1/0 pin out via M8 connector,
EtherCAT or Profinet available

SPEED FLOW COMPACT



SLD DIVERTER

Single Line Diverter = 1 Reihe

NEW!

Ø 180 mm

227 mm

200 mm

1

all widths available in mm
from 400mm to 1.100mm

Ø 58 mm

80° Shore A

-90° to +90°

150 x 150 mm

on request

6.000

50 g

35 kg

24V Pulse gear drive

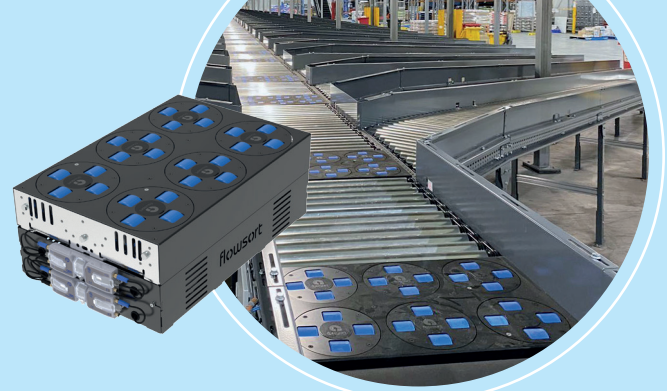
-90° to +90° in 0,35 s

24V Pulse gear drive

2,0 m/s

1 homing sensor per row

standard 1/0 pin out via M8 connector,
EtherCAT or Profinet available



DL DIVERTER

Double Line Diverter = 2 Rows

NEW!

Ø 180 mm

227 mm

400 mm

2

all widths available in mm
from 400mm to 1.100mm

Ø 58 mm

80° Shore A

-90° to +90°

150 x 150 mm

on request

6.000

50 g

35 kg

24V Pulse gear drive

-90° to +90° in 0,35 s

24V Pulse gear drive

2,0 m/s

1 homing sensor per row

standard 1/0 pin out via M8 connector,
EtherCAT or Profinet available

FLWSORT IS...

modular

only standard modules
– no specials

gentle

gentle diverting of products in
"flow" - no abrupt braking or
mechanical force

appropriate

throughput 2,500-6,000 products
per hours

easy + fast

easy installation in common con-
veyor systems saving planning
and installation time

connected

downloadable software function
blocks can be integrated directly
into the PLC

cost-effective

low initial investment combined
with later scalability

flexible

intralogistics systems with Flow-
sort modules can be re-configured
and adjusted with minimal effort

reliable

100% reliable and fast quotations

awarded

top warehouse automation
solutions provider in Europe 2022

FLEXIBLE AND OPEN SYSTEM

Flowsort diverters are high speed diverters designed to build into every conveyor system. It is a modular system which can be flexibly configured.

If, for example, 3 rows are required, just one SLD (1 row) and one DLD (2 rows) are connected with each other and done!

ZZ diverters can also handle products with dimensions smaller than 150mm. The ZZ diverters are available as a double row module and can be combined up to a maximum length of 8 rows

Flowsort's open interface approach ensures that both hardware and software connectivity is plug-and-play with all other surrounding technologies, regardless of which vendor those technologies are from.



**CHALLENGE US!
WE SOLVE YOUR
SORTING PROBLEM!**

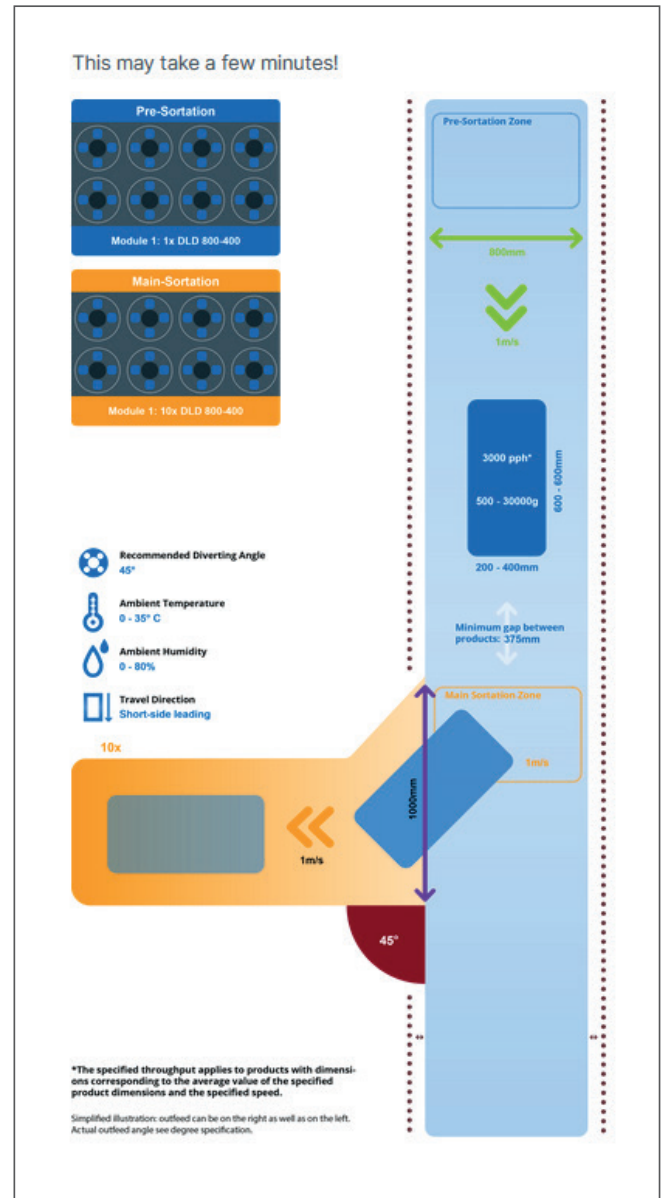
YOU ARE INTERESTED, BUT DO NOT YET KNOW WHETHER THE FLOWSORT DIVERTER IS ALSO THE SOLUTION FOR YOUR APPLICATION?

Then use the Flowsort online configurator. With the Flowsort online configurator, you can check the suitability of Flowsort for your specific application and determine which modules are needed. In addition, you can request quotations and advice directly from within the configurator.



All relevant information
and the configurator
can be found here.

<https://www.fath24.com/configurator/flowsort>



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