

Flowsort Diverters

SLD Single Line Diverter



The Single Line Diverter is a high speed diverter designed to build into every conveyor system.

DLD Double Line Diverter



The Double Line Diverter, with 2 rows, is a high speed diverter designed to build into every conveyor system.

ZigZag Diverter



The ZZ sorter is a high speed diverter designed to build into every conveyor system. The sorter wheels are placed as a zig zag line, so not straight behind each other.

Mechanical Information (Common)

- Wheel diameter: \varnothing 180 mm
- Standard width: 400-600-800-1000 mm
- PU wheel diameter: \varnothing 58 mm
- Hardness wheel: 70° shore
- Diverting angle: -90° to +90°

SLD Single Line Diverter

- Module length: 200mm
- Number of rows: 1
- Width adjustable: Yes max 50 mm

DLD Double Line Diverter

- Module length: 400 mm
- Number of rows: 2
- Width adjustable: Yes max 50 mm

ZigZag Diverter

- Module length: 373,2 mm
- Number of rows: 2
- Width adjustable: NO

Product handling (Common)

- Max product dimensions: on request
- Max sorting capacity: 6000 pph
- Min product weight: 50 gr.
- Max product weight: 35 Kg

SLD Single Line Diverter

- Min product dimensions: 150 x 150 mm

DLD Double Line Diverter

- Min product dimensions: 150 x 150 mm

ZigZag Diverter

- Min product dimensions: 80 x 80 mm

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Control information (Common)

- Motor for disc rotation: 24 Volt Pulse gear drive
- Max disc rotation speed: -90° to +90° in 0,35 seconds
- Motor for PU wheels: 24 Volt Pulse gear drive
- Maximum wheel speed: 1,5 m/s
- Sensor: 1 homing sensor per row
- Control hardware: 1 control card per row, standard I/O pin out via M8 connector, multiple communication busses available

Fath Provided Individual Product 2-Page Leaflets

SLD Single Line Diverter

https://www.flow-sort.com/images/files/downloads/2905/Flowsort_Flyer_SLD.pdf

DLD Double Line Diverter

https://www.flow-sort.com/images/files/downloads/2905/Flowsort_Flyer_DLD.pdf

ZigZag Diverter

https://www.flow-sort.com/images/files/downloads/Flowsort_Flyer_ZZ_NL.pdf

Fath Provided Flowsort Overview 6-Page Leaflet

Overview Leaflet: https://www.flow-sort.com/images/files/downloads/000365-Flowsort-Diverter-EN-Flowsort-BV_web.pdf

YouTube Videos – Flowsort in Action

Flowsort - A modular revolution in intralogistics and product sorting

<https://www.youtube.com/watch?v=SW2qGORdnfo>

Flowsort SLD DLD Diverter

https://www.youtube.com/watch?v=DNC_Jq5olo

Flowsort video small products

<https://www.youtube.com/watch?v=76zkCqsswb8>

Flowsort end of line sorter

<https://www.youtube.com/watch?v=yrrwXUtmLXgg>

[Click here to Visit FATH Flowsort's website](https://www.fath-flowsort.com)

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