

# denisort®

Conveying, sorting and order picking in one system



Denisort is an innovative tilt-tray sorter that combines conveying, order picking and sorting in one seamless and scalable system with universal applications across a wide range of intra-logistic processes. The basis is a carrier chain that runs energy-efficiently and quietly on low-friction rollers in a steel profile. The system thus enables individual solutions with a completely free layout in all dimensions, even across several levels.

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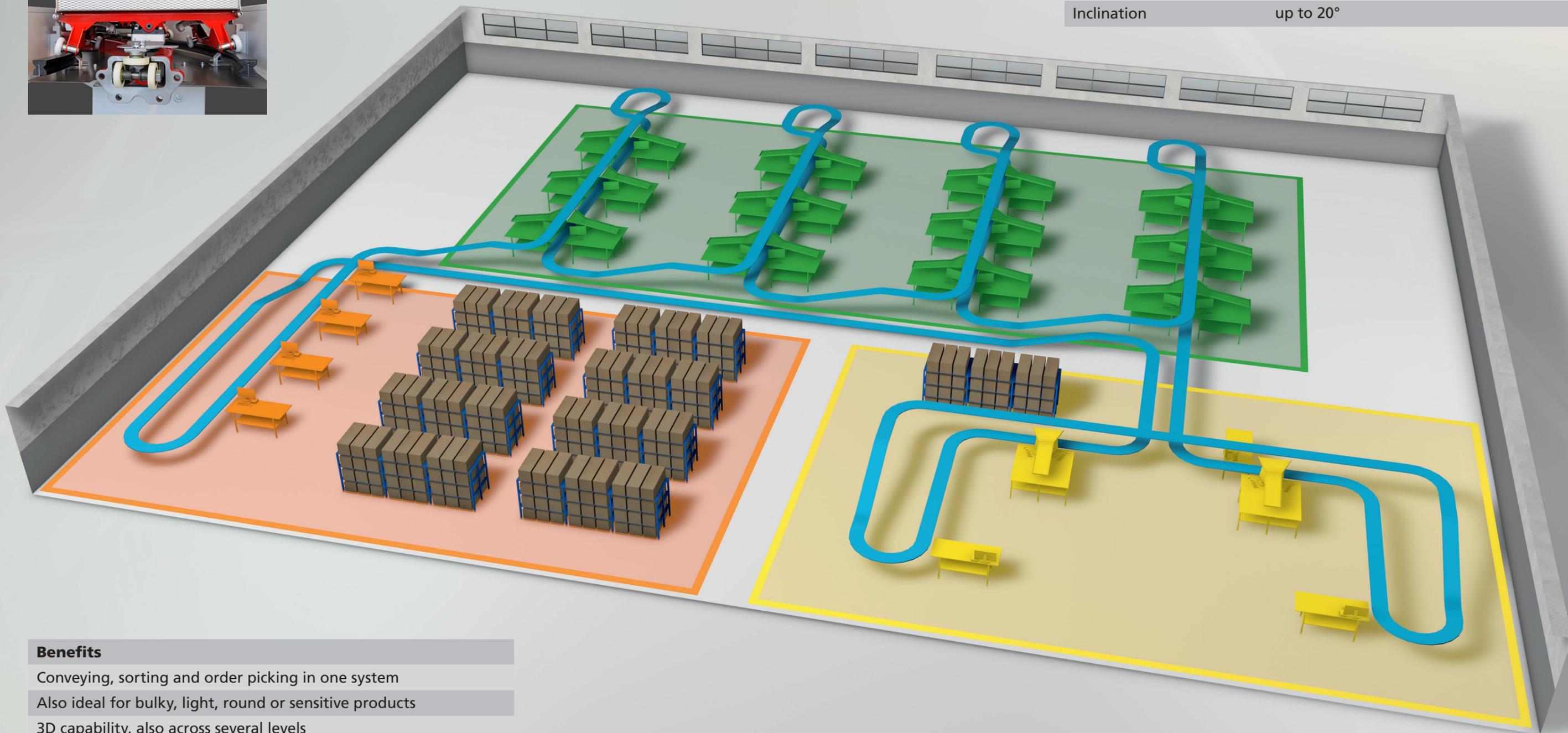
## Applications

- Order picking for e-commerce, retail, B2B and 3PL
- Sorting for dispatch, restmail, incoming goods and returns
- Extending process chains with no need for transfer points



## Technical data

Capacity	up to 12,000 trays/h
Speed	up to 1.35 m/s
Tray sizes	650 × 450 / 450 × 380 / 320 × 370 mm
Maximum loading	12 kg
Curve radii	1,500 mm
Inclination	up to 20°



## Benefits

- Conveying, sorting and order picking in one system
- Also ideal for bulky, light, round or sensitive products
- 3D capability, also across several levels
- Multilevel for maximum capacity in the tightest of spaces
- Modular and extensible design
- Energy-efficient technology thanks to rolling friction
- Proven and robust engineering
- Cost-effective in operation, service and maintenance
- Low-noise

## Peripherals / specifications

- Automatic or manual tray loading
- Identification by barcode, RFID, camera recognition
- Customised chutes
- Material flow controller (MFC) and visualisation
- Interfaces to WMS, WCS and peripheral systems



E-commerce sorting  
Courier, postal items and restmail sorting  
Fashion and footwear distribution  
Mail-order book trade  
Mail-order pharmacies  
Traceability solutions  
Photoprint dispatch



References at [www.ferag.com](http://www.ferag.com)

### Family-owned company

For over 60 years, Ferag AG of Hinwil (Switzerland) has been the leading provider of intra-logistic solutions in the print media industry: Ferag systems are at work every day, processing newspapers and magazines with print runs in the millions. Its recognised competence as an innovative supplier of integrated conveyor systems has opened doors to all industries, with material flow systems having unlimited applications in processing industries as well as in fashion and clothing, automotive, food and beverage logistics and e-commerce.



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