

Skyfall

Use of the third dimension



Skyfall combines conveying, buffering, sorting, consolidating and production processes in one system. It is based on shuttles and trolleys combined with application-specific load carriers, along with the use of gravity. Skyfall can be used in the third dimension to save space, thus freeing up valuable floor area for value creation processes. With its extensive range of functional accessories, the system has universal applications and is readily expandable with additional functions and capacities.

Applications

- Order picking and consignment for e-commerce, retail, B2B and 3PL
- Reliable sorting and sequencing for inbound, returns, dispatch or production goods
- Extending process chains with no need for transfer points
- Smooth material flow with process decoupling and buffering
- Inter-process linkage with buffering and sorting

Technical data

Capacity	up to 12,000 load carriers / h
Speed	up to 2 m/s on gravity-driven stretches, 0.75 m/s on conveyors
Loading	up to 20 kg including load carrier
Inclination	up to 90°

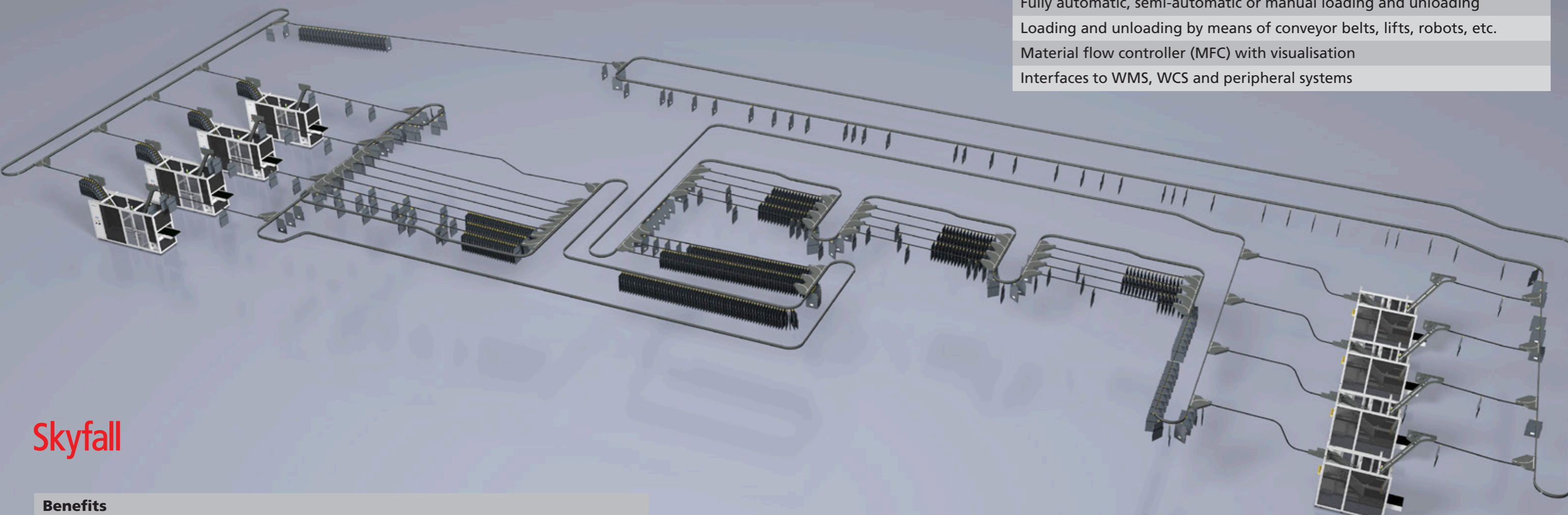
Peripherals / specifications

- Identification via barcode, QR code, RFID, camera recognition
- Customised load carriers with pockets, hooks, grippers, etc.
- Trolleys with carrier devices for containers and large payloads
- Fully automatic, semi-automatic or manual loading and unloading
- Loading and unloading by means of conveyor belts, lifts, robots, etc.
- Material flow controller (MFC) with visualisation
- Interfaces to WMS, WCS and peripheral systems

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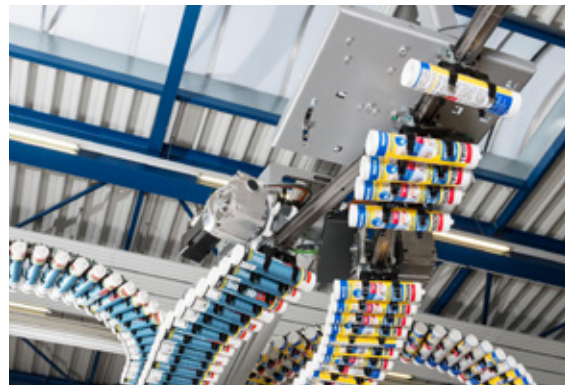
Benefits

- Conveying, buffering, sorting, order picking and consignment in one system
- Keeping usable floor area free by use of the third dimension
- Application-specific load carriers with the possibility of multiple loading
- Fully automatic loading and unloading possibilities
- Reduction of manual tasks along the process chain
- Increased productivity and efficiency thanks to automation
- Traceability throughout the system
- Modular and extensible design creates prerequisites for future or phased expansion
- High-quality and maintenance-friendly engineering
- Energy-efficient technology thanks to rolling friction and use of gravity



References

- E-commerce / Retail / B2B
- Fashion
- Distribution
- Pharmaceutical and chemical industry
- Automotive industry
- Food manufacturing
- Packaging industry
- General industrial manufacturing and processing



References at 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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