

# Skyfall

Use of the third dimension

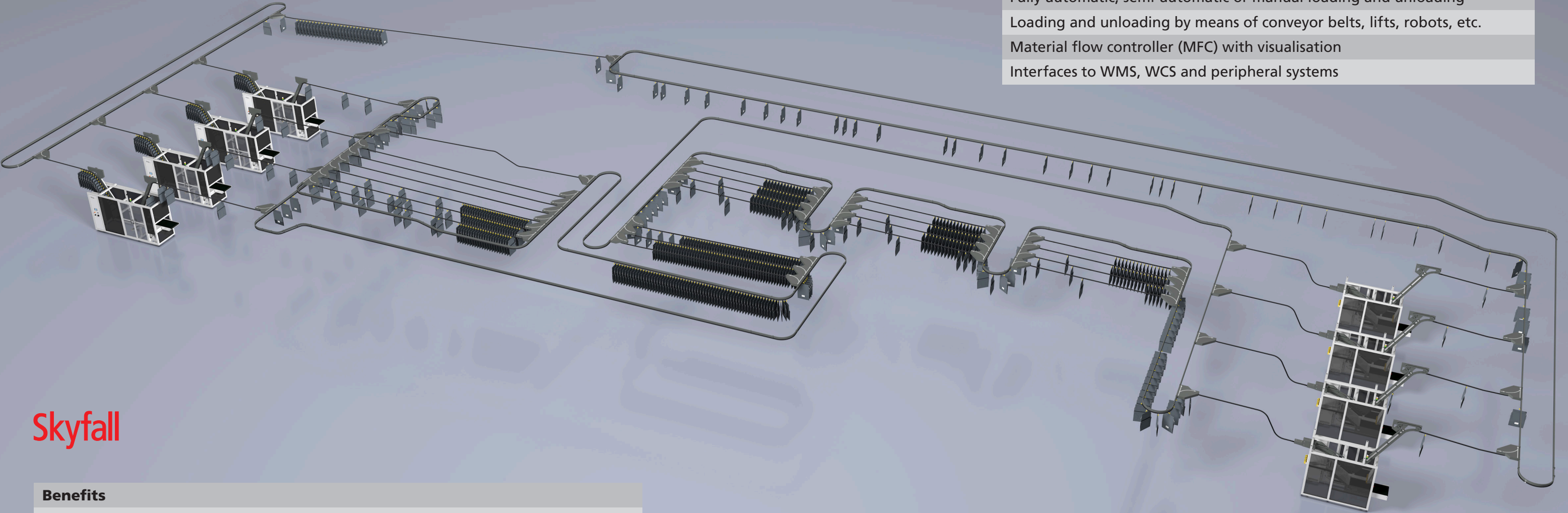


Skyfall combines conveying, buffering, sorting, consolidating and production processes in one system. It is based on shuttles and trolleys combined with application-specific load carriers, along with the use of gravity. Skyfall can be used in the third dimension to save space, thus freeing up valuable 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.



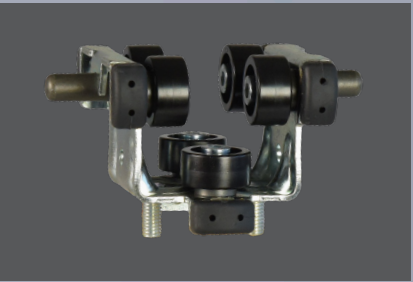
Applications	Technical data
Order picking and consignment for e-commerce, retail, B2B and 3PL	Capacityup to 12,000 load carriers / h
Sorting and sequencing for dispatch, incoming goods and returns	Speedup to 2 m/s on gravity-driven stretches, 0.75 m/s on conveyors
Extending process chains with no need for transfer points	Loadingup to 20 kg including load carrier
Material flow with process decoupling and buffering	Inclinationup to 90°
Inter-process linkage with buffering and sorting	

Peripherals / specifications
Identification by 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



Skyfall

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
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



Reference applications 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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