ferag…
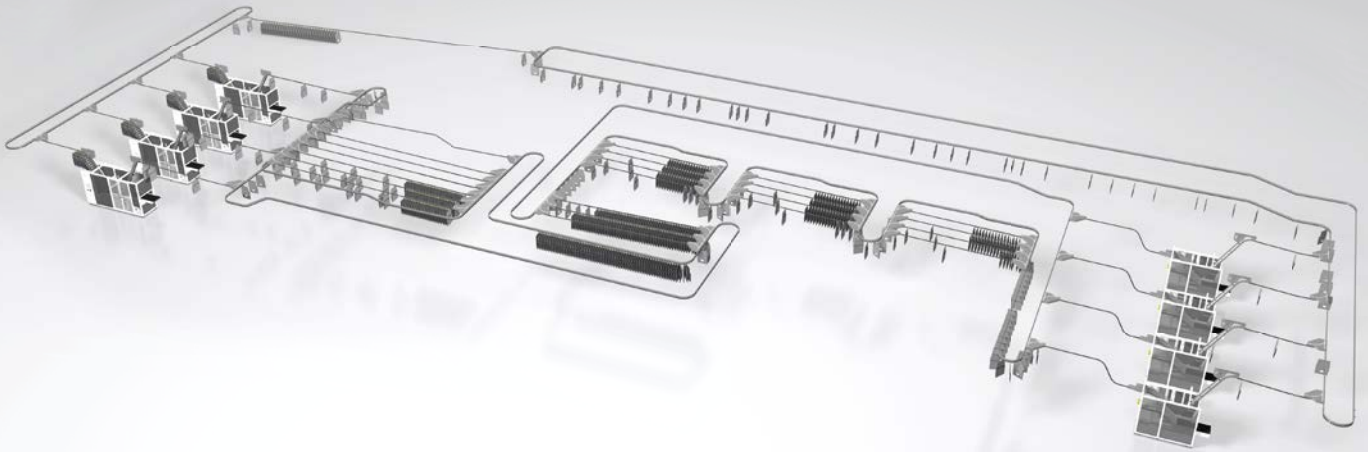
ferag.**skyfall**
Use of the third dimension

#perfectmatch

You can find more information online:

ferag.**skyfall** combines conveying, buffering, sorting, consolidating and processing in one system.

It is based on shuttles and trolleys combined with application-specific load carriers, along with the use of gravity. ferag.skyfall can be used in the third dimension to save space, thus freeing up valuable floor area for value creation processes. The system is universally applicable and can be expanded with additional functions and capacities at any time.

ferag.skyfall
trolley
(up to 20kg)

ferag.skyfall
profile

ferag.skyfall
carriers M
(up to 5kg)

ferag.skyfall
carriers L
(up to 15kg)

ferag.skyfall: **Applications**

Order picking and consignment for e-commerce, retail, B2B and 3PL

Sorting and sequencing for dispatch, incoming goods and returns

Extending process chains with no need for transfer points

Material flow with process decoupling and buffering

Inter-process linkage with buffering and sorting

ferag.skyfall: **Benefits**

Conveying, buffering, sorting, order picking and consignment in one system

Fully automatic loading and unloading possibilities allow perfect process integration

Reduction of manual tasks along the process chain

Increased productivity and efficiency thanks to automation

Traceability throughout the system

Modular and extensible design

Keeping usable floor area free by use of the third dimension

Application-specific load carriers with the possibility of multiple loading

High-quality and maintenance-friendly engineering

Energy-efficient technology thanks to rolling friction and use of gravity

ferag.skyfall: **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°

ferag.skyfall: **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) and warehouse control system (WCS)

Interfaces to higher-level and peripheral systems

ferag...

Company for **Innovative Intralogistics Solutions**

Ferag specialises in the development of total intralogistics solutions in the areas of production, e-commerce and omnichannel for a wide range of industries as well as for postal and 3PL automation. The Swiss family-owned company, which has been on the market for over 65 years, is also one of the world market leaders in the development, design and distribution of material flow systems for a wide range of industrial applications. Innovative conveying and sorting solutions for intralogistics are also a consistent and sustainable further development of the Ferag processing systems developed for print media production. Software and automation solutions are developed in-house and implemented by Ferag's own teams. The group of companies, headquartered in Hinwil/Zurich, is represented in more than 18 countries by its own sales and service companies and employs around 600 people worldwide.

ferag.skyfall: **References**
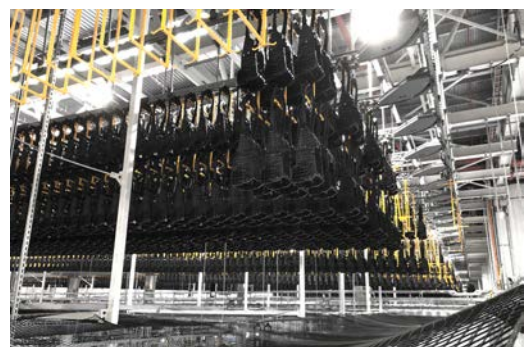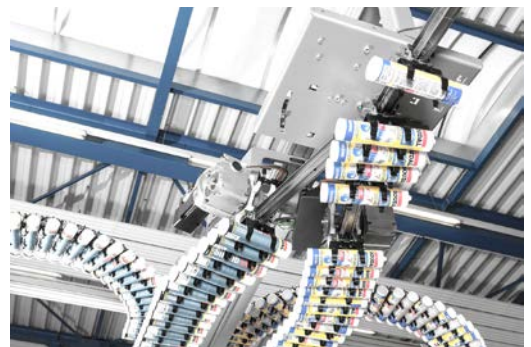
E-commerce / retail / B2B

Fashion

Distribution

Pharmaceutical and chemical industry

Automotive industry

Food manufacturing

Packaging industry

General industrial manufacturing and processing

Reference applications at
www.ferag.com/en/references or