The third dimension
Ferag AG in Hinwil (Switzerland) has been the leading supplier of conveyor and processing technology to the print media industry for 60 years. Newspapers and magazines running into the millions are processed on Ferag installations each and every day. With huge experience in machine systems engineering, Ferag is a true professional when it comes to realizing small- and large-scale projects in the distribution logistics sector. Recognition of Ferag’s expertise as an innovative supplier of integrated conveyor lines has opened the door to all industries.

Skyfall, the suspended conveyor system, is a derivative of Ferag conveyor technology, originally developed for the production of print media. Skyfall is ideally suited to distribution logistics outside the graphical industry. Any number of applications are possible. Skyfall can be used in processing industries, in fashion, automobile and food logistics, and also for e-commerce applications.

Together with WRH Marketing and Denipro, Ferag is part of the Walter Reist Holding corporate group. The group is active throughout the world and employs around 1000 staff.
With 60 years’ experience in machine systems engineering, Ferag is a true professional when it comes to realizing small- and large-scale intralogistics projects. Processing and conveying in the third dimension rank among the major strengths of Ferag conveyor systems. The best possible utilization of space combined with fast cycle times make the systems exceptionally efficient. But one factor above all is central to what we do and how we think. That is our focus on the customer, which is reflected in long-standing and successful partnerships.

The core components of any conveyor installation are the rails and shuttles. It’s here that Ferag’s vast experience comes into play and is mirrored in top quality with minimum wear. Select materials, based on experience in the high-performance sector, form the basis of every Skyfall system.
Skyfall – conveying with gravity
Skyfall makes use of gravity and the third dimension. The most varied items weighing up to 15 kilograms are conveyed on rollers along a rail profile at a system speed of 10,500 articles an hour. Basic functions include processes like sorting, accumulation or buffering.

SkyTrain – circulating conveyor
The separate items are propelled within the space to the end position, or transported to the next transfer – for example via a diverter into a matrix sorter or a buffer zone.

SkyLift – ascending and descending conveyor
Thanks to the three-dimensionality of the rail profile, height differences can be surmounted with ease. Climbs and descents up to 90 degrees are no problem, and make line layouts much easier.

The product range

- Conveyed goods weighing up to 15 kg
- 10,500 articles per hour
- Climbs and descents up to 90°
Efficient
SkyQ – accumulation conveyor
Goods are sent separately or in batches from the accumulation conveyor to the next conveying process at set intervals. If a powered version of the release mechanism is used, above-average cycle times can be achieved, along with throughputs up to 10,500 articles an hour.

SkySort – matrix sorter
For sorting (online) orders, the matrix sorter is used (e.g. $3^8 = 512$ articles). Articles are sorted into batches and transported to the corresponding packaging station, according to the order.

SkySwitch – diverter
The diverter is a central connecting element of any system. Depending on the order, it will assign the article to the correct lane (accumulation, sortation, buffering).

The product range
- High cycle times and throughputs
- Matrix sorter with high sorting performance
- Unique diverter with or without drive
SkyPost – feeding station
Here, for example, pockets are filled from racks or gitterboxes and sent into circulation. Filling is either manual or automatic.

SkyCollate – receiving station
The filled pockets are unloaded on the packaging line. This process is either manual or automatic.

The product range

- Automatic or manual pocket filling
- Ergonomic loading and unloading station
- Customized adapters
Versatile
System solutions – seeing the big picture
Our core competency is machine systems engineering. We design efficient, individually configured, integrated solutions from the initial sketched idea through to the final installation. Our engineers are specialists in all aspects of process integration and conveyor logistics – on both a small and large scale.

Product development – innovation is our tradition
For 60 years, we have been masters at solving challenging tasks in conveyor technology and process integration. On the conveying, sortation, buffering, order-picking and processing levels, we are market and technology leaders in the print media industry.

Software development – success through state-of-the-art control concepts
A skilled team of more than a hundred software developers takes care of individual customer requirements with innovative, integrated solutions. With the Navigator, we are setting new standards in the visualization of industrial processes.

Expertise
- Machine systems engineering
- Research and development
- A culture of innovation
- In-house software and hardware development
Manufacturing – maximum precision, minimum lead times

With state-of-the-art CNC machines, we manufacture prototype components, small batches and one-off products at minimum lead times. The principle “From 3D-CAD direct to the clamping table” guarantees a high degree of flexibility.

Final assembly – success through process orientation

Qualified specialists with decades of experience assemble components using state-of-the-art production equipment to guarantee compliance with our high quality standards. Prior to leaving the factory, system components are assembled and checked for correct function. A factory acceptance test, carried out with the customer, is part of our handover process.

Project management – competent care until final acceptance

Our project managers act as the link to customers acquiring our technology and monitor all installation steps from delivery through to final acceptance. During the project, the project manager is the central point of contact for customers, and thus facilitates their day-to-day business.

- In-house manufacture guarantees high quality
- Specialized in final assembly and factory acceptance
- Professional project management from A-Z

Expertise

- In-house manufacture guarantees high quality
- Specialized in final assembly and factory acceptance
- Professional project management from A-Z
Our sales network
With more than 20 sales and service companies throughout the world, we guarantee direct on-site contact. Our employees speak the local language and are very well informed about local customs and culture. Service, spare parts and sales are on call 24/7.