

# ferag...

Unternehmen für Förder- und Verarbeitungssysteme



## Inserting



- Company portrait
- one2out
- MiniSert
- EasySert
- RollSertDrum
- MultiSertDrum 2C
- MultiSertDrum M
- MultiSertDrum H
- Expertise
- Sales

incredibly versatile...

one2out | MiniSert

EasySert | RollSertDrum

MultiSertDrum

- 60 years in Hinwil (Switzerland)
- Leading supplier of conveyor and processing technology
- Approximately 1000 employees worldwide
- 8000 patents since the company's foundation

# Company portrait

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 appli-

cations 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.

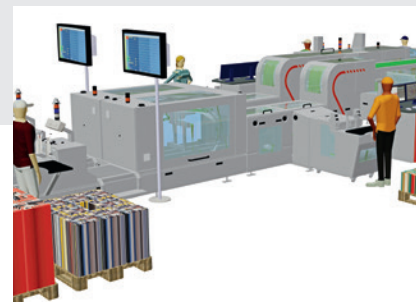
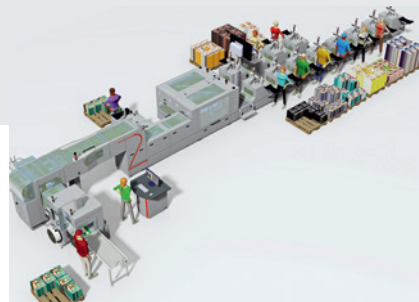


- 40,000 cph with 2× 21 hoppers
- 20,000 cph with 1× 41 hoppers
- Split and backup function
- Setup with production running
- One hopper type for all brochures
- Modular expansion

# one2out

One2out is the smart precollecting process for advertising brochures of all kinds. Production mode 1 involves two different production runs (A+B), running parallel enabling an output of up to 40,000 copies per hour. In production mode 2, both precollecting stream are merged, increasing the number of hoppers to 41.

Advertising brochures are folded with JacketFix and then wrapped around the collections as a jacket. Finally, PostStack processes the collections into stable bundles. With the press of a button, Optimizer will calculate the optimum production strategy in seconds, which in turn has a positive impact on production times.





- Highly efficient
- Maximum Flexibility
- Modular System



20000 40000



# MiniSert

MiniSert makes it easy and cost-effective for newspaper printers to move from the manual to the automatic inserting process. The inserting line's intuitive, modular design brings insert production to a new performance level with minimum financial investment and low operating costs.

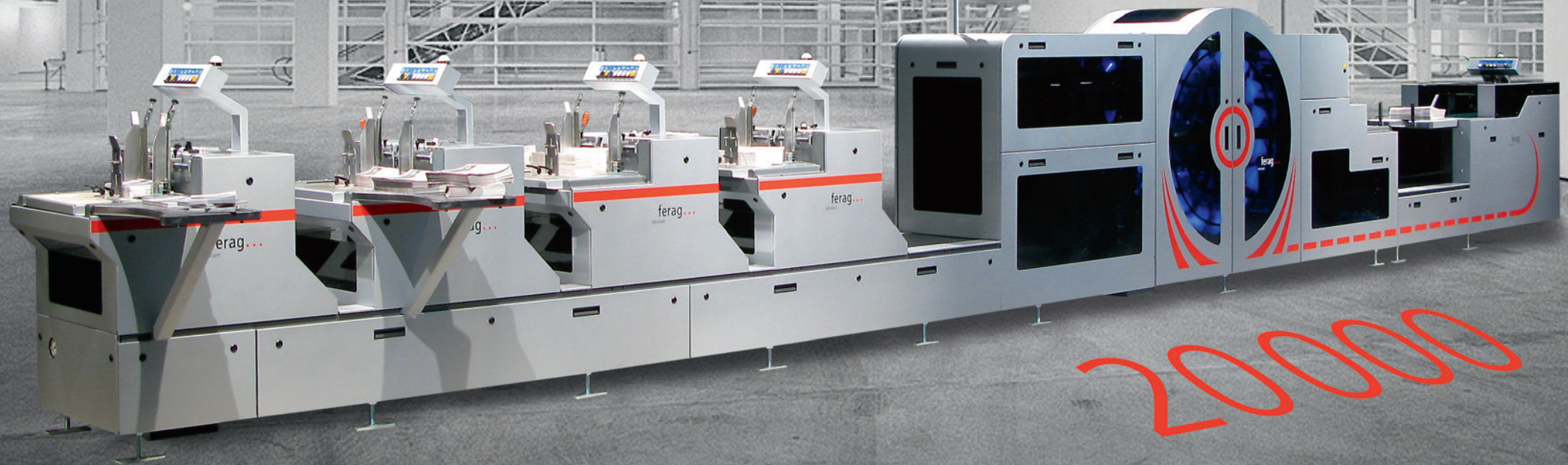
Thanks to its simple design, MiniSert is ready for operation within a few days of delivery. MiniSert output reaches 20,000 finished copies per hour. Using twin modules, the total number of hopper stations can be increased in steps from two to four and up to six.

- 20,000 copies per hour
- Offline production
- End product,  
100 pages broadsheet  
or 200 pages tabloid
- FW | main product, 280–450 mm
- FL | main product, 210–310 mm
- FW | preprint, 148–450 mm
- FL | preprint, 105–310 mm
- Overlap opening





- Simple operation
- Reliable inserting process
- Cost-effective compact system





# EasySert

- 30,000 copies per hour
- On- and offline production
- End product 200 pages broadsheet or 400 pages tabloid
- FW | for preprint and main product 240 to 450 mm
- FL | for preprint and main product 170 to 310 mm
- 2 to 40 feeders from RollStream or FlyStream

EasySert is the universal inserting process. Starting out with two inserting stations, the modular concept is designed to allow gradual expansion to create inserting lines with up to 40 hoppers. The repair function integrated into the collating process ensures absolutely reliable completion quality. With three opening processes, the choice of jacket products is practically limitless. Whether for in-

serting in newspaper printing, after the UniDrum, insert-in-insert processing for heat-set applications or packaging supplements for direct distribution, EasySert enables you to overcome the challenges of today and the future.





- Simple, modular technology
- Overlap, vacuum and air opening
- Repair function



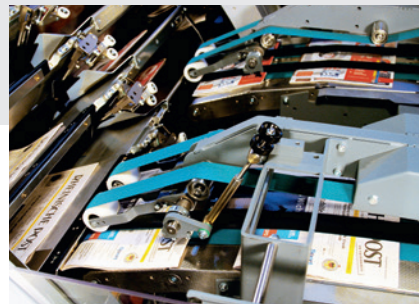


# RollSertDrum

RollSertDrum packs the proven rotary inserting principle into a compact design, enabling you to achieve top net production outputs on the smallest footprint. This inserting drum is based on the open architecture of the Ferag system and gives you attractive growth options. You can choose between a standalone sys-

tem for offline production and an integrated online system with flexible feeder options from RollStream and MultiDisc. Adding stitching and trimming technology opens up access to new markets.

- 36,000 copies per hour
- On- and offline production
- End product 250 pages broadsheet or 500 pages tabloid
- FW | for preprint and main product 300 to 430 mm
- FL | for preprint and main product 210 to 310 mm
- Overlap and air opening





- 36,000 copies per hour
- Compact design
- Easily expandable



36000

# MultiSertDrum 2C

- 45,000 copies per hour
- On- and offline production
- End product 300 pages broadsheet or 600 pages tabloid
- FW | for preprint and main product 300 to 430 mm
- FL | for preprint and main product 210 to 310 mm
- Overlap and air opening
- Multiple opening

The compact MSD-2C gives you all the advantages of the MultiSertDrum technology. The top-performance inserting drum processes up to 45,000 newspapers per hour, easily mastering the online inserting process – even when fed from the fastest printing presses. In addition to the infeed for preprints, the

second connection is kept free for inserting supplements using the modular RollStream precollecting concept. The optional second opening device brings you a new level of flexibility in product make-up, and you can also use the inserting drum as a gathering system for the production of semi-commercials.





- 45,000 copies per hour
- Multiple opening
- Maximum flexibility



45000



# MultiSertDrum M

The MSD-M MultiSertDrum is the most efficient, versatile inserting system for profitable production in the mid to upper circulation range. With four infeeds, this high-performance drum enables extremely differentiated feeding of preprints, magazines and advertising supplements into the main jacket.

Additional opening devices enable central insertions into both the main product and preprints. This significantly extends your scope for the make-up of the finished newspaper, giving you the best platform from which to expand your services in the lucrative semi-commercial market.

- 45,000 copies per hour
- On- and offline production
- End product 300 pages  
broadsheet or  
600 pages tabloid
- FW | for preprint and  
main product 300 to 430 mm
- FL | for preprint and  
main product 210 to 310 mm
- Overlap and air opening
- Multiple opening





- 45,000 copies per hour
- High pagination
- Large inserting volume



45000

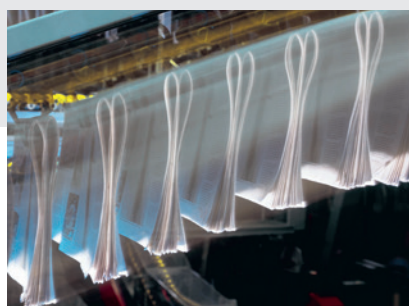


# MultiSertDrum H

For online inserting in double production, the MSD-H can handle up to 75,000 copies per hour. Like the other inserting systems in the MSD class, this high-speed drum produces impressive, ultra-stable running performance. Its profitability potential really comes to the fore when large-circulation newspaper

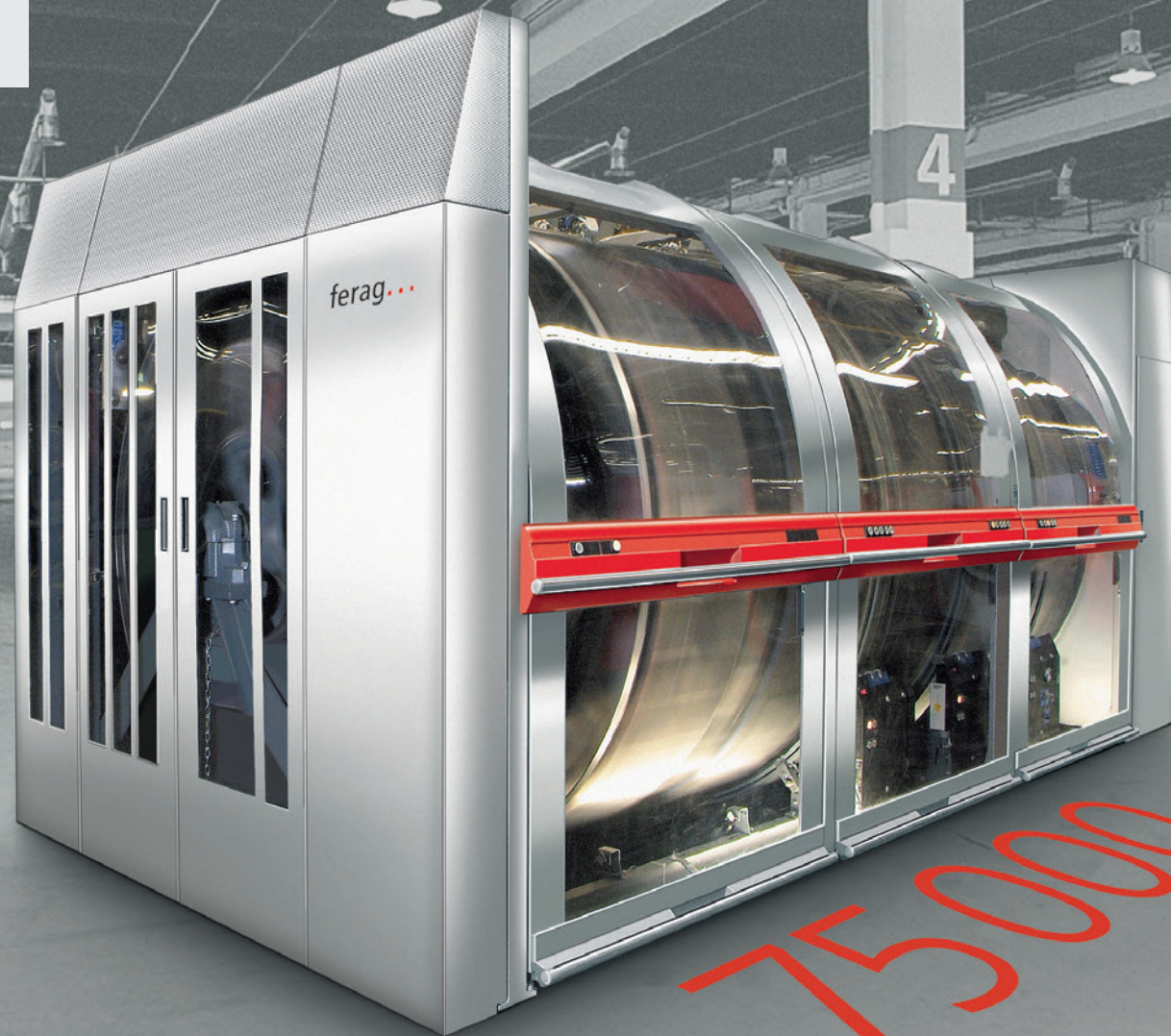
runs have to be reliably distributed in tight production windows. Running the MSD-H in 2:1 mode allows insertion of preprints and supplements into the main product. Where high speed production is not required, the MSD-H can also be run in 1:1 mode.

- 75,000 cph in 2:1 mode | 45,000 cph in 1:1 mode
- On- and offline production
- End product 250 pages broadsheet or 500 pages tabloid in 2:1 mode
- End product 300 pages broadsheet or 600 pages tabloid in 1:1 mode
- FW | for preprint and main product 300 to 420 mm
- FL | for preprint and main product 210 to 310 mm
- Overlap and air opening





- 75,000 copies per hour
- Online and offline production
- 2:1 or 1:1 mode



75000



- Machine systems engineering
- Research and development
- A culture of innovation
- In-house software and hardware development

# Expertise

## 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

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

## 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.

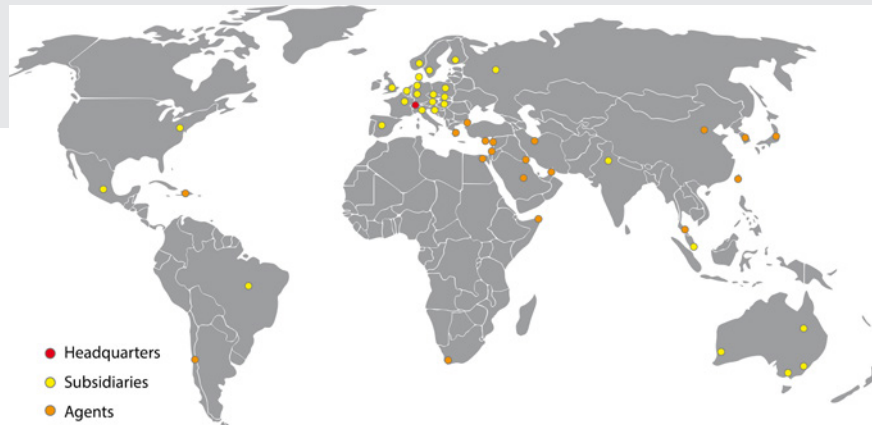


# Sales

- Guaranteed service thanks to a global sales network
- High availability of service technicians
- Local contact partners

## 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.



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