IFOY AWARD
international intralogistics and forklift truck of the year

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IFOY AWARD 2025

The Innovation Checks of the IFOY winners

The IFOY AWARD winners put to the test: EP Equipment, Exotec, Geekplus, Interroll, Jungheinrich, PLANCISE, STILL and IFOY Start-up of the Year Filics.

Ismaning near Munich / Dortmund, July 3, 2025. The International Intralogistics and Forklift Truck of the Year (IFOY) AWARD honors the best intralogistics products and solutions of the year. With the spin-off award IFOY Start-up of the Year, the AWARD organization also recognizes innovative technologies and new developments by founders. The winners are selected by an international jury of expert trade journalists. The decision is based on a three-stage audit comprising the IFOY test protocol with around 80 criteria, the scientific IFOY Innovation Check, and the jury testing. The IFOY test methodology is regarded as a seal of quality for innovations and newly developed products and solutions.

Evaluation criteria
The key evaluation criteria for the jury is the innovative value of a nominated product or solution within its broader context. To assess the technological value of an innovation, it is essential to conduct a comparative analysis with established market standards. For the scientific IFOY Innovation Check, esteemed scientists from leading universities and research institutions thoroughly evaluate all nominated devices and solutions, focusing on functionality, type of implementation, degree of innovation, customer benefit, and market relevance. The criteria emphasized by manufacturers in their documentation and presentations are examined on-site through visual inspections and functional testing, with performance measured against the current state of the art. The evaluation process identifies and assesses both innovative advancements, successful recombinations, and truly groundbreaking innovations.

Innovation Check Team
For the IFOY Innovation Check, scientists from leading universities and research institutes evaluate all nominated devices and solutions:

- Dr.-Ing. Richard Bormann, Head of Research Team Handling Processes and Intralogistics, Fraunhofer Institute for Manufacturing Engineering and Automation (IPA), Stuttgart
- Dipl.-Ing. Guido Follert, Head of Department for Machinery and Equipment, Fraunhofer Institute for Material Flow and Logistics (IML), Dortmund
- Univ.-Prof. Dr.-Ing. Johannes Fottner, Chair of Materials Handling, Material Flow, Logistics, School of Engineering and Design, Technical University of Munich
- Univ.-Prof. Dr.-Ing. habil. Thorsten Schmidt, Professorship of Logistics Engineering, Technical University of Dresden, Faculty of Mechanical Science and Engineering

The sponsors of the IFOY AWARD are the VDMA Materials Handling and Intralogistics Sector Association and the VDMA Robotics + Automation Sector Association. IFOY partners are Messe Dortmund and the

world’s leading forklift attachment manufacturer Cascade. The IFOY logistics partner is LTG. IFOY event partner is Phoenix des Lumières. The headquarter of the IFOY organisation is in Ismaning near Munich. The IFOY AWARD is under the patronage of the German Federal Ministry for Economic Affairs and Energy.

Members of the jury: Snejina Badjeva, editor-in-chief Logistika magazine (Bulgaria), Winfried Bauer, editor-in-chief f+h Fördertechnik (Germany), Cecilia Biondi, editor-in-chief Logistica Management (Italy), Alejandra Cabornero, editor-in-chief Logistica Profesional (Spain), Rosa Maria Cherubini, editor Il Giornale della Logistica (Italy), Charleen Clarke, editor-in-chief Focus on Transport and Logistics (South Africa), Theo Egberts, IFOY tester and owner of Buro Andersom / Andersom Testing (Netherlands, without voting rights), Hilda Hultén, editor and publisher Dagens Logistik (Sweden), Klaus Koch, editor-in-chief LogisticsInnovation.org (Switzerland), Véronique Le Voas Barat, publisher and editor Solutions Manutention (France), Valeria Lima de Azevedo Nammur, editor-in-chief LogWeb Magazine (Brazil), Øyvind Ludt, editor-in-chief Moderne Transport (Norway), Peter MacLeod, news editor Logistics Business (Great Britain), Bernd Maienschein, specialist editor MM Logistik (Germany), David Maloney, editorial director DC Velocity and CSCMP's Supply Chain Quarterly (USA), Marilena Matei, editorial director Tranzit / Tranzit Logistica (Romania), Matthias Pieringer, editor-in-chief Logistik Heute (Germany), Szilvia Rapi-Jaubert, publisher and editor-in-chief Supply Chain Monitor (Hungary), Sascha Schmel, managing director association materials handling and intralogistics in the VDMA (Germany, without voting rights), Christoph Scholze, editor-in-chief dhf Intralogistik (Germany), Sebastian Śliwieński, editor-in-chief Warehouse Monitor (Poland), Michal Štengl, editor-in-chief Transport a Logistika (Czech Republic), Jarlath Sweeney, editor-in-chief Fleet transport (Ireland), Ying (Crystal) Xu, representative Editor-in-chief, China Industrial News Network (China). The executive chairperson of the jury is Anita Würmser, logistics journalist and managing partner of impact media projects.

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IFOY Start-up of the Year: FILICS: Filics Unit

Functionality / Type of implementation: The compact double-skid system Filics Unit, which is coupled via Bluetooth, is designed for the horizontal movement of pallets and grid boxes and disappears almost completely beneath the load carrier. As a result, and with the help of the omnidirectional drive system integrated into each skid, maneuvering with load carriers is significantly simplified, as lateral movements are also possible. The system performed reliably in testing, transporting load carriers in confined spaces. The hardware implementation is of high quality, with the lift modules featuring nine centimeters of ground clearance and the wheel modules designed for 30,000 operating hours both being proprietary developments by Filics. With a maximum payload of one ton, a speed of 1.6 m/s, and the ability to handle slight inclines of up to 3°, the system achieves work performance comparable to that of a human operator. A CE-certified, safe, collaborative operation at performance level d is ensured through safety laser scanners, LED lighting, a blue spot, and acoustic signals. The system offers standard market laser-based navigation functions, primarily with track guidance. The battery life of six hours with a 30-minute charging time should be well-suited for most applications.

Novelty / Innovation: Filics offers the only industrially deployable double-skid system on the market. No comparable systems exist. While the basic concept is not new, there were previously no functional or market-ready solutions of this kind. The under-driving and pass-through capabilities of this novel AMR type enable numerous new use cases for load carrier transport in extremely confined spaces capabilities that other automated transport systems, such as under-run AMRs and fork-lifting AMRs, cannot provide.

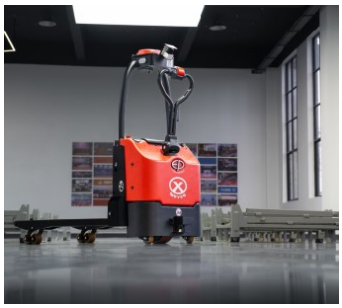
Customer benefit: The system enables space savings of up to 66 percent by increasing storage density in block warehouses while maintaining direct access to each load carrier. This results in cost savings as well as improved time efficiency in transport and sorting processes. The automation of load carrier movements in tight spaces is possible both in brownfield environments and in collaborative operations and can be applied to a wide range of load carrier types. In terms of pricing, the system is positioned in the mid-market range, with a return on investment (ROI) of two years. It is also available as a Robotics as a Service (RaaS) model, which, in a single-shift operation, corresponds to the cost of an employee and already leads to significant cost savings in two-shift operations.

Market relevance: The Filics Unit enables the automation of many hand pallet truck processes that were previously not (economically) automatable in block and line warehouses, as well as in other confined environments in production and logistics settings. In line warehouses, for example, for perishable goods, the system advances all pallets without the need for a conveyor belt. The European market is valued at nearly four billion euros. Looking ahead, there is significant potential for additional applications, ranging from single- to multi-runner configurations up to synchronized truck loading in five minutes. During pilot deployments at six well-known mid-sized to large companies, with a total operating period of 100 days, the system demonstrated market readiness, market fit, and high scalability across different logistics processes. The first production installations are currently underway.

IFOY Verdict: This unique double-skid system on the market enables entirely new use cases for load carrier transport in tight spaces through its under-driving and pass-through functions combined with its omnidirectional drive system. Compared to conventional autonomous transport solutions, it significantly expands the range of automatable warehouse processes and redefines warehouse logistics workflows.

Functionality / Type of implementation	++
Novelty / Innovation	++
Customer benefit	++
Market relevance	++
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: EP Equipment, X MOVER EXP15
Warehouse Truck of the Year



Functionality / Type of implementation: The X Mover EXP15 excels at what it was designed to do – and does so in the simplest and most pragmatic way. Thanks to its intuitive operation in manual mode and during the learning phase of a work cycle, no extensive training or long adaptation period is required for the operator. At first glance, the high performance of the automated mode is not immediately apparent, as the additional components are barely noticeable and do not restrict manual standard operation. The mechanical components appear to be robustly designed, and the plug-in lithium-ion battery concept is thoroughly convincing. Overall, the implementation is impressively solid and highly functional.

Novelty / Innovation: The innovation of the EXP15 does not lie in minor refinements of small details but in its groundbreaking simplicity of operation, combined with remarkably high performance in automated mode. The focus is clearly on simplifying all functions of the device.
With its cost-effective vehicle navigation solution and easy operation, the EXP15 significantly lowers the barrier to entry for partial automation of transport processes for the first time. The “Record and Run” function is so simple that anyone can use it. The true innovation lies in the deliberate restriction to only the necessary components while maximizing functionality.

Customer benefit: The low entry barriers for automating transport tasks make the EXP15 highly beneficial to customers across various industries. It addresses an urgent need in the industrial sector by enabling effortless automation for a wide range of applications. Depending on the specific use case – where, for example, timely further processing of pallets at the destination is ensured – the EXP15 fully demonstrates its advantages. For sufficiently long transport distances, handling and transport processes can be carried out with fewer employees. As a result, the EXP15 is particularly valuable for companies struggling with labor shortages.

Market relevance: Pallet handling and internal transport represent a vast application field, giving the EXP15 significant market relevance. Cost pressure and the shortage of skilled labor are driving demand for high-performance yet cost-effective solutions. The EXP15 stands out with its unbeatable price-performance ratio, making it an obvious choice as a primary alternative for new investments, replacements, and entry into automated operations.

IFOY verdict: Thinking simply leads to innovation – by intelligently combining well-established technologies, a highly functional solution has been created that requires no advanced technical expertise to operate.

Functionality / Type of implementation	++
Novelty / Innovation	++
Customer benefit	+
Market relevance	+
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: Exotec, (Next Generation) Skypod System
Robot Warehouse System of the Year

Functionality / Type of implementation: Exotec's Next Generation Skypod System enables small load carriers to be transported from storage to picking with minimal media disruption. Sequencing can be performed at multiple points without any loss of performance. Due to the system's ability to operate at great heights, extremely high storage density is achievable, even within standard industrial building dimensions. This is a highly refined advancement of Exotec's well-known 3D shuttle concept, eliminating the need for additional lifts. The vehicles optimize the use of available space by maneuvering efficiently beneath the racking structure. Overall, the Exotec Next Generation Skypod System, with its advanced robotics and modular architecture, represents an outstanding solution in warehouse automation. It combines cutting-edge technology with practical benefits, making it a valuable investment for forward-thinking logistics companies.

Novelty / Innovation: The already highly innovative Exotec system has been improved in multiple areas with the new generation of robots. The system's core component is the newly designed robots, which are more compact and highly dynamic. Their redesigned structure enhances both storage density and maneuverability. As a result, the number of robots that can operate in parallel has increased significantly. Additionally, the ports and the strategy for travel paths leading to them have been redesigned, further optimizing sequencing efficiency.

Customer benefit: The ability to perform multiple functions with a single system component, the robot, provides a wide range of advantages for the customer. These functions include horizontal movement, load transfer, vertical movement, sequencing, transport to picking stations and ergonomic positioning for optimized picking. This integration reduces handover points and media disruptions, leading to increased system availability, high storage density and exceptional efficiency in an enclosed process. Since sequencing can occur dynamically throughout transportation and within travel lanes leading to the ports, it remains highly flexible and does not require additional infrastructure.

Market relevance: Container storage and sequenced picking are no longer exclusive to e-commerce but are now essential elements of logistics operations across various industries. Particularly in existing facilities, achieving high density and flexibility is crucial for efficient integration. The Exotec Next Generation Skypod System delivers both, providing rapid and reliable access to a dynamic range of items even in high-bay warehouses. Additionally, in taller buildings, it enables extremely high storage density and maximizes space utilization. The system's strong scalability is particularly beneficial in today's volatile market conditions, allowing businesses to adapt efficiently and significantly reduce investment risks.

IFOY verdict: The Next Generation Skypod System is a well-targeted evolution of Exotec's innovative approach. By maintaining the advantages of enclosed transport without load handovers, the robots have been further optimized, enhancing the system's overall benefits.

Functionality / Type of implementation	++
Novelty / Innovation	++
Customer benefit	++
Market relevance	+
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: Geekplus, RoboShuttle + P40 with Dr. Max Italy
Integrated Customer Solution of the Year

Functionality / Type of implementation: Geekplus has implemented a reliable automated tote warehouse for Dr. Max in Italy, with 12,000 products and 18,000 totes. The system consists of 22 mobile RoboShuttles for retrieving totes from double-deep shelving and 50 P40 robots transporting more than 200 totes per hour to five picking stations, where 16 orders are processed simultaneously with pick-to-light support. Storage is handled via four workstations using a similar principle. To optimize efficiency, the system performs an automated ABC-based tote placement optimization every night. A standout feature of this freely scalable system is its fleet management capability, which can handle large-scale warehouses with up to 3,000 robots and applications involving as many as 1.4 million totes. Additionally, the robots are highly adaptable for use with various tote types, including subdivided totes and cartons. The redundancy of the deployed robots allows for seamless and uninterrupted maintenance of individual units. The entire system is managed technically by just one person.

Novelty / Innovation: While Geekplus employs an automated storage system based on standard components, its unique feature is the newly introduced maximum rack height of up to 12 meters, making it one of the tallest mobile robot solutions in Europe. Although the installation at Dr. Max utilizes rack heights of only eight meters, the Telgate site is still the largest pharmacy warehouse automation project in Italy. Another innovation is the customer-specific overhead conveyor system for picked totes, which was installed above the robot travel area, saving valuable floor space.

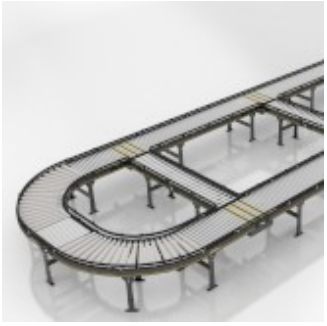
Customer benefit A key factor in Dr. Max's decision to implement the Geekplus system was its cost effectiveness, with a typical ROI of one to three years while maintaining full scalability for future expansions during live operations. The overall system provides the advantage of fast access times combined with high throughput. The performance levels and system costs can be flexibly adapted to customer needs based on the number of robots. At Dr. Max, productivity was doubled while requiring 80 percent less space and up to 80 percent less personnel. The ergonomic picking stations enable quick training and high productivity for pickers, with nearly zero picking errors. The relatively short implementation time of seven to nine months or just four months for expansions, along with the system's high reliability, adds further customer value. For Dr. Max, automation with Geekplus also serves as a positive marketing factor for investors.

Market relevance: The Geekplus automated tote storage system is the optimal solution for Dr. Max in terms of system complexity, SKU volume, scalability, quick response times, flexible prioritization, and high throughput. Geekplus meets market demand well with a broad selection of warehouse and robotic systems. The standard offering also allows for extensive customer-specific adaptations. With its dual-channel focus on e-commerce and retail supply, Dr. Max represents many similar companies looking to automate their warehouse capacities, making Geekplus solutions highly relevant.

IFOY verdict: Geekplus impresses with a broad range of cost-effective and highly scalable standard solutions that cater to diverse customer requirements, even for large-scale warehouse automation projects. The Telgate warehouse is often highlighted as a reference site due to its outstanding performance and Dr. Max's high satisfaction.

Functionality / Type of implementation	++
Novelty / Innovation	+
Customer benefit	++
Market relevance	++
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: Interroll, MCP PLAY
Special of the Year



Functionality / Type of implementation: The flexible conveyor system MCP PLAY from Interroll ensures precise localization of all packages on the conveyor line, enabling flexible zone sizes with a constant distance between packages as well as the seamless merging of multiple conveyor lines. Both functionalities were successfully validated in tests; the implementation appears robust, reliable, and high-performing. New packages can be flexibly introduced into the conveyor line and tracked. The system allows seamless selection of flexible operating modes regarding maximum energy efficiency or maximum throughput. Various software tools for simple digital layout design, commissioning, and operational monitoring round off the well-thought-out image of this new conveyor technology solution positively.

Novelty / Innovation: Compared to other zero-pressure accumulation (ZPA) conveyor solutions, the Adjust to Gap and Flowing Merge functions are true market innovations. The flexible zone size (Adjust to Gap) enables significantly better space utilization on the conveyor line by allowing packages to travel closer together, while Flowing Merge ensures smooth merging of packages without stops. Another innovation is the elimination of a PLC for overall system control, provided only MCP PLAY components are used. Instead, an open system is available with an MQTT interface and WMS integration, which, thanks to a novel integration layer, can now be centrally and directly pre-configured for all controllers. At the same time, decentralized material flow control through direct communication between controllers reduces IT structure complexity.

Customer benefit: With MCP PLAY, especially when conveying variably sized packages, throughput can be increased by more than 100 percent on the same conveyor line compared to conventional ZPA systems with fixed zone sizes. Energy savings of up to 30 percent can be achieved, particularly with higher utilization rates, many switches and merges in the conveyor line, and heavier package weights. Overall, MCP PLAY enables significantly smoother and more material-friendly operation of the conveyor system. The digitally interconnected planning, commissioning, and operational software tools are highly user-friendly and allow for significantly faster and more cost-efficient commissioning of new conveyor lines as well as the quick identification of faulty modules during operation.

Market relevance: Market relevance is high, as the same hardware and comparable costs can deliver significant advantages in throughput and energy consumption for high-throughput and variable conveyor processes. At the same time, the planning, commissioning, and operational software tools provide an early holistic view of the entire system, enabling, for example, PC-assisted pre-commissioning and pre-configuration of the system based on layout tool planning or rapid identification of faulty modules using the operational tool. Both aspects optimize costs and labor time for specialists in times of skilled labor shortages. The system solution is already successfully in use with more than ten beta testers.

IFOY verdict: The flexible zoning and continuous merging of packages from multiple conveyor lines represent a unique market innovation, enabling users to achieve significantly higher throughput rates and buffering capacities at the same system cost while offering potential energy savings. The accompanying software package for easy planning and commissioning significantly enhances commissioning efficiency and reduces commissioning costs, while operational monitoring functions ensure smooth operation.

Functionality / Type of implementation	++
Novelty / Innovation	++
Customer benefit	+
Market relevance	++
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: JUNGHEINRICH, EFG 425
Counter Balanced Truck of the Year

Functionality / Type of implementation: The Jungheinrich EFG 425 is a powerful and versatile electric forklift truck designed for demanding indoor and outdoor applications. The combination of a powerful 2-motor drive, a synchronous reluctance lift motor and a heavy-duty hydraulic block enables efficient handling of loads of up to 3,500 kg. A new benchmark in this performance class is set by the overall package, which impresses with a sophisticated product with greater safety, excellent visibility, increased performance and improved ergonomics.

Novelty / Innovation: The EFG 425 is a further development of a proven machine in many details. These include increased performance, greater temperature stability when operating with attachments thanks to more oil volume and flawless driving and operating behavior, improved among other things by a buffer-mounted driver's cab. In terms of innovations, the improved visibility must be emphasized, which was achieved through a glass roof, an adapted B-pillar design and a slim mast.
As a result, you are surprised by the phenomenal all-round visibility as soon as you sit in the driver's seat. Assistance systems are also available that can significantly increase safety during operation. Personnel recognition using addedVIEW camera systems as well as collision warning systems point out dangers that may arise despite the operator's excellent sense of well-being in the ergonomic cab.

Customer benefit: In terms of customer benefits, the EFG 425 is seen as a great added value. The high handling capacity of up to 389 pallets per eight hours and the impressive travel and lifting speeds offer the potential to increase productivity. An "efficiency mode" also enables the performance to be adapted to the respective requirements, thereby optimizing energy consumption. Customers naturally also benefit in terms of safety and ergonomics thanks to the optional assistance systems and excellent visibility.

Market relevance: The Jungheinrich EFG 425 is highly relevant to the market as it meets the growing demand for powerful and sustainable electric forklift trucks. The increasing replacement of combustion engines is leading to rising demand for electric forklift trucks. The performance class of the EFG 425 is ideal for a wide range of industries, which can now rely on a powerful, innovative electric forklift truck at combustion engine levels. The versatile application possibilities give it the potential to play a significant role in the market.

IFOY verdict: The EFG 425 is an outstanding, solid implementation and thus at the forefront of the further development of powerful, comfortable and safe electric forklift trucks.

Functionality / Type of implementation	++
Novelty / Innovation	Ø
Customer benefit	+
Market relevance	++
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: PLANCISE, Workforce Management for Logistics Intralogistics Software of the Year

Functionality / Type of implementation: The functionality of the Workforce Management for Logistics software solution by PLANCISE aims to significantly improve resource planning and control for workforce management in logistics environments. The focus is on adapting workforce scheduling to fluctuating volumes and seasonal demands. PLANCISE achieves dynamic capacity planning by comparing planned workloads with actual employee performance, resulting in forecast data about personnel needs in specific functional areas. The integrated real-time daily planning allows for quick responses to changing demands and adjustments in resource allocation. A key feature is shift management, including resource balancing. The software calculates over- or under-staffing in real-time and balances it using available information about qualifications, working hours, and performance data. This reduces the common effect of poorly integrated processes in logistics centers. Based on various criteria, such as throughput forecasts, employee skills, and current workload, the software suggests suitable personnel shifts to increase overall efficiency. The software's features and its cloud implementation stand out in terms of functionality, software design, and GUI, with extensive reporting and forecasting features, along with useful data display and output options for the user.

Novelty / Innovation: The novelty of Workforce Management for Logistics lies in the consistent digitization and automation of a task in intralogistics that has largely been manual and prone to errors. For personnel planning, companies still rely on spreadsheets, manual coordination, or less industry-specific software tools.

Customer benefit: PLANCISE claims to make existing data sources usable for operational shift management and resource distribution through open interfaces. With this desired data transparency, the software's impressive features can be effectively applied to both large companies and medium-sized logistics centers. The key requirement for the effectiveness of the planning tool is the availability of these data in digital format and with up-to-date accuracy.

Market relevance: If the data scope and timeliness requirements are met, the software offers significant added value for companies in the intralogistics sector. It creates transparency in personnel planning and optimizes resource allocation efficiently and quickly based on real-time data, volume forecasts, and qualifications. The centralized provision of relevant information serves operational managers for need-based personnel distribution. Another benefit is improved planning quality, which leads to higher motivation among employees. Additionally, minimizing manual planning methods reduces errors and enhances responsiveness to volatile logistics processes. PLANCISE targets a largely overlooked market gap in intralogistics personnel planning, offering a solid solution for operators of larger logistics centers with 100 or more employees, giving it strong market relevance.

IFOY verdict: The software's personnel management features address the key challenges faced by large logistics system operators, where there are varying workloads in complex systems. Depending on the availability and quality of data, the tool is highly useful for deployment in larger logistics facilities.

Functionality / Type of implementation	+
Novelty / Innovation	Ø
Customer benefit	++
Market relevance	+
++ very good / + good / Ø balanced / - less / -- not available	

IFOY AWARD WINNER: STILL, FM-X iGo
Mobile Robot of the Year

Functionality / Type of implementation: The design and automation of the reach truck in this form are already known from various vehicles in its class. However, they have typically been adaptations of standard trucks rather than purpose-built designs specifically for automation. The additional sensors for ISO 3691-4-compliant safety features and obstacle detection are well-integrated into the vehicle. The incorporation of safety scanners into the chassis supports operation in narrow aisles, which is particularly relevant for existing warehouse environments. During testing, the quick commissioning process using the iGo easy software proved advantageous, as it enabled scalable automation workflows for intralogistics with minimal prior knowledge and setup effort.

Novelty / Innovation: The FM-X iGo combines multiple innovations that set it apart in the market. One key breakthrough is the serial production of an automated reach truck, whereas this segment has traditionally relied on custom-built, individually adapted projects. The standardized design lowers costs, reduces implementation time, and increases scalability. Another highlight is the full integration of safety technology into the vehicle chassis, which not only enables a compact design but also expands the range of applications within existing warehouse layouts. The ISO 3691-4-compliant safety system meets contemporary requirements for mixed operations alongside manually operated industrial trucks.

Customer benefit: The FM-X iGo offers customers an attractive automation solution, particularly for companies looking to enter semi-automated warehouse processes. Its fast commissioning, low aisle space requirements, and achievable lift heights allow for optimal utilization of existing storage space and increased operational efficiency. The solution helps mitigate labor shortages, enhances process reliability, and reduces manual errors. Additionally, the use of standardized components ensures long-term operational safety and reliability.

Market relevance: With the growing demand for flexible automation solutions in intralogistics, driven by labor shortages and increasing efficiency pressures, the FM-X iGo holds strong market relevance. It is not only aimed at large enterprises with complex warehouse structures but also appeals to small and mid-sized businesses that have previously been deterred by the high entry barriers of automation projects. With serial production, ISO-compliant safety, and easy scalability, the FM-X iGo fills an important gap in the market for automated warehouse technology.

IFOY verdict: The core functions of a reach truck are excellently implemented in the structural design of the STILL FM-X. The seamlessly executed automation of these functions – through the integration of sensors, controls, and operational software – has resulted in an exceptionally effective solution. This generates high customer value and strong market relevance in the rapidly growing field of automated warehouse technology.

Functionality / Type of implementation	++
Novelty / Innovation	+
Customer benefit	+
Market relevance	+
++ very good / + good / Ø balanced / - less / -- not available	