

Rehiko Demo Days 2025

From Industrial to Residential: Rehiko Engines in Action Across Global Applications

Reggio Emilia, September 16, 2025 – Building on the momentum of the past two years, the Rehiko plant in Reggio Emilia once again opened its doors to the European press for the **third edition of Demo Days**, held on September 15–16. This year's event brought together **seven customers showcasing eight machines**, including Argo Tractors, FIORI, Hiab, ROTAIR, TerraTec, Wacker Neuson and Walker, offering a comprehensive overview of real-world applications powered by Rehiko engines.

A key highlight of the 2025 edition was the **dual presence of both diesel and gasoline machines**, underlining the company's ability to deliver versatile solutions across different markets and applications. For the first time, the event also hosted two **zero-turn radius (ZTR) lawn mowers**, offering attendees a firsthand look at a product category that represents one of Rehiko's strongest markets in the United States.

The range of engines on display reflected this diversity: the proven KSD1403 and KDI 2504 diesel platforms; the 7000 Series KT722; and the Command PRO EFI engines (ECH730 and ECV940). Together, these platforms demonstrated Rehiko's continued commitment to combining **innovation, durability, and global market relevance**.

The **KSD series**, in production since 2023 and widely adopted across multiple industries, continues to prove itself as a versatile platform designed to increase productivity, reduce total cost of ownership, and minimize downtime. Supported by Rehiko's global service network, it ensures reliable after-sales assistance, with customers reporting 10% fuel savings in forklifts, improved load response in aerial platforms, robust performance in mini excavators, and superior adaptability in articulated loaders.

Also featured was the **KDI 2504 TCR**, a clean-sheet diesel engine that meets the most stringent emissions regulations (Stage V, Tier 4 Final/Stage IV). With its Smart After-Treatment System, heavy-duty architecture, and best-in-class power density, it delivers extended uptime, low ownership costs, and high efficiency in both off-road and stationary applications.

Alongside the diesel platforms, the event spotlighted Rehiko's gasoline engine families, reinforcing the company's strategic presence in the U.S. landscaping and turf care market. The **7000 Series KT722**, a 747-cc engine designed for durability and professional performance, delivers class-leading torque of 57 Nm. Its oversized air cleaner, up to 2.5 times larger than competitors, extends service intervals, while a 500-hour rated EPA emission life doubles the durability of comparable engines.

The **Command PRO EFI small block ECH730**, trusted by commercial users worldwide, integrates Electronic Fuel Injection and an Electronic Throttle Body to ensure responsive power and fuel efficiency in all conditions. Closed-loop EFI with self-tuning, hydraulic lifters for zero maintenance, and a sealed fuel system for reliable seasonal starts make it a cost-efficient choice that minimizes downtime.

At the top end of the gasoline portfolio, the **Command PRO EFI big block ECV940**, Rehiko's most powerful engine family, combines brute strength with refined engineering. It features EFI with precise throttle control, closed-loop self-tuning for high-altitude adaptability, and hydraulic lifters for maintenance-free operation. An optimized cooling fan reduces noise while maximizing airflow, and a six-inch diameter air cleaner ensures long service intervals, making it the engine of choice for demanding ZTR and other professional applications.

With this third edition, Rehiko Demo Days once again confirmed its role as a unique industry event where customers, partners, and the press can directly experience the performance of Rehiko engines across a wide range of its customers' applications – including, for the first time, products that highlight the company's role in the U.S. ZTR market and its ability to meet global customer needs.

Argo Tractors

Argo Tractors' innovative **Landini Trekker3 Compact** is a tracked tractor designed for use in narrow vineyard and orchard rows. Compact, agile, and highly maneuverable, it excels on difficult terrain and slopes where conventional tractors cannot operate. Operator comfort is a key feature, with a suspended platform using Hydro-Silent-Blocks that isolates the driver from heat and reduces vibrations from the ground.

The tractor is powered by the super-compact **Rehiko KDI 2504TCR** Stage V engine, a 2.5-liter, 4-cylinder unit with 75 hp, common-rail injection, and turbo aftercooler, delivering reliable performance in all conditions. Its transmission, developed by Argo Tractors, provides 16 forward and 8 reverse speeds, combining four synchronized gears with Hi-Lo functionality. With a minimum width of 1,150 mm and 230 mm ground clearance, the Trekker3.

Compact is the most compact tracked tractor in its category, ensuring operational efficiency even in the most challenging environments. A wide range of steel tracks further enhances traction while minimizing soil compaction.

FIORI

FIORI GROUP S.P.A. specializes in the design and manufacture of self-loading concrete mixers and site dumpers. With decades of experience in the construction machinery sector, FIORI has become a trusted partner for contractors and infrastructure projects worldwide.

Among its latest innovations, the **DF 70 Stage V** stands out for its compact design, maneuverability, and ease of use, making it ideal for both urban construction sites and remote locations. Built with comfort, safety, and customization in mind, the DF 70 Stage V guarantees reliability, durability, and consistent performance under all conditions. The machine features a reversible driving position and four-wheel steering, ensuring maximum versatility, excellent visibility, and superior handling even in tight spaces.

Equipped with a **55 kW KDI 2504TCR** engine compliant with Stage V regulations and featuring a particulate filter (DPF/FAP), it ensures significant reductions in harmful emissions while meeting European standards without the need for AdBlue (urea). This combination of performance, sustainability, and operator focus reflects FIORI GROUP's commitment to delivering advanced solutions for modern construction needs.

Thanks to its long-standing partnership with engine manufacturers such as Rehiko, FIORI can offer machines that integrate cutting-edge technologies, backed by qualified support in product selection, testing, and application validation.

Hiab

Hiab, part of Cargotec, is the global leader in on-road load-handling equipment. With a heritage of pioneering innovation and reliability, Hiab delivers a wide portfolio of solutions including truck-mounted forklifts, loader cranes, and demountables. Among its flagship products, the MOFFETT truck-mounted forklifts have set the standard for efficiency, flexibility, and safety in last-mile delivery for over 80 years.

The latest generation, the **MOFFETT M4 NX V**, embodies this tradition of excellence. Compact yet powerful, the M4 NX V is designed to be carried on almost any truck or trailer without compromising load space. It delivers unmatched versatility, allowing operators to unload goods quickly and precisely, even in confined or challenging environments. With lifting capacities up to 2,500 kg and exceptional maneuverability, the M4 NX V is the ideal solution for industries ranging from building materials to agriculture and distribution. Its NX platform offers improved visibility, enhanced safety features, and operator-friendly ergonomics, ensuring both productivity and comfort in every shift.

To power this next generation, Hiab has chosen the **Rehiko KSD engines**. These engines combine durability with reduced emissions and superior fuel efficiency, aligning with Hiab's commitment to sustainability and performance. The Rehiko KSD series provides reliable power under demanding conditions, ensuring the M4 NX V delivers consistent performance in diverse applications. By integrating these engines, Hiab ensures lower total cost of ownership for customers, while meeting today's strict environmental standards.

The MOFFETT M4 NX V is more than a forklift – it is a productivity partner built for the future of logistics. With Hiab's unmatched service network and continued investment in innovation, customers can rely on MOFFETT to keep their businesses moving safely, efficiently, and sustainably.

ROTAIR

ROTAIR S.p.A. develops and manufactures portable air compressors, multi-functional minidumpers, and hydraulic breakers, serving customers worldwide. The company has collaborated with Rehiko for approximately 50 years, building a strong partnership around innovation and reliable performance.

At Rehiko Demo Days, ROTAIR brings the **MDVN 30 Eco5**, a compact diesel-powered screw compressor with a free air output of 2,950 l/min (94 cfm) at 7 bar (102 psi). Designed as a versatile source of pneumatic energy, it is ideally suited for general construction, pneumatic tool operations, ground rocket applications, and blasting projects. Its streamlined form ensures easy transport and manoeuvrability, while electro-galvanised bodywork with advanced coating provides long-lasting resistance to wear and corrosion. ROTAIR, in partnership with IBIX – one of Italy's leading manufacturers and distributors of surface-cleaning and conservation equipment – will demonstrate the performance of the MDVN 30 Eco5 in sandblasting operations.

The MDVN30 Eco5 is equipped with a **Rehiko KSD1403NA engine** from the new series, Stage V compliant and developed for both efficiency and reliability. Rotair's exclusive pneumatic control system dynamically adjusts engine speed to match air demand, significantly reducing fuel consumption while maintaining consistent performance. Together with a combined radiator for compressor oil and engine liquid cooling, independent air and oil filters, and an oversized air-oil separator, the unit guarantees effective filtration, dependable operation, and long service life even in demanding conditions.

TerraTec

The **Ibex G3-V** is TerraTec's latest two-wheeled tractor. With 35 hp from the **Rehiko Command PRO EFI big block ECV940**, the machine matches the performance of the G4, the most powerful single-axle machine on the market, while remaining in the weight class of smaller machines. This makes it an ideal helper for farmers and contractors. Whether on steep slopes, in wetlands, or on road embankments, the Ibex G3-V serves as a powerful professional implement carrier in every application. Its axle offset, vertical design concept, and perfectly tuned hydraulics make challenging tasks easier than ever.

The **AX** is an additional axle for the Ibex G3-V, transforming it into a two-axle implement carrier in just a few minutes. This combines the strengths of single-axle machines with the stability and capacity of a two-axle machine. In difficult terrain, the Ibex paired with the AX enables safer and more efficient work. The all-wheel drive with switchable differential lock allows the machine to navigate even the most challenging terrain, while heavy attachments weighing up to 600 kg can be moved effortlessly, in line with the base machine's performance. Thanks to the Category 1 lift with PTO drive, standard farm attachments can now also be used seamlessly.

Wacker Neuson

The Wacker Neuson Group is an internationally active group of companies with around 6,000 employees. As a leading manufacturer of construction equipment and compact machines, the Group offers its customers worldwide a broad product range, comprehensive service offerings, and an efficient spare parts supply. The range is primarily aimed at customers in the construction industry, gardening and landscaping, agriculture, municipalities, and the recycling industry, as well as railway companies and industrial enterprises. The product brands Wacker Neuson, Kramer, and Weidemann belong to the group of companies.

The **WL950 wheel loader** features a comfortable cab with excellent ergonomics and all-round visibility, electronically controlled drive with various driving modes, a robust loading arm with excellent visibility of the attachment, a wide range of options, and a modern machine design. The transversely mounted engine and optimized component layout ensure excellent accessibility for maintenance. It combines power, reliable hydraulics, and compact dimensions with sophisticated technology and a compelling price-performance ratio.

The decision to adopt the KDI engine series was based on several key advantages over the predecessor's engine configuration. The KDI engines are particularly well-suited for transverse installation, which is essential for the machine layout. In addition, they fit seamlessly into the modular design concept of the machine portfolio, ensuring flexibility and compatibility across different models. Another decisive factor was the compact design of the KDI engines, allowing for more efficient use of installation space. Compared to the previous engine generation, the KDI series also provides higher torque while delivering lower fuel consumption and reduced noise emissions. Together, these benefits made the **KDI engine series** the optimal choice for future-oriented machine development.

Walker

Walker Mowers are American made and hand built with pride in Fort Collins, Colorado. When you buy a Walker, you are not only buying a high-quality product, but you are also joining the Walker Mower family.

Walker has chosen Rehiko engines since 1988, the year when the enclosed gear axle was introduced and Walker jumped ahead of the ZRT competition. A 16 hp Rehiko/Kohler Magnum engine was the first commercial-grade engine installed on a Walker that year. Today, 10 Walker models out of 12, mount Rehiko engines.

Since its introduction in 1986, the **Model C** has been continually refined with the commercial operator in mind, particularly those maintaining residential properties. Compact yet versatile, it can use various implements while delivering impressive productivity. The **C23i** incorporates years of development to provide an upgraded mowing experience with efficiency, reliability, and low maintenance. Designed to be fast, quiet, and easy to maintain, it also delivers the top-tier performance expected from a Walker Mower. The C23i features **Rehiko PRO 300-Hour Extended-Life Oil and Filter** and is powered by a **23 hp Rehiko Command PRO EFI small block ECH730 engine**.

The **Model R** is ideal for residential owners, offering smooth, quiet belt-driven blades and precise fingertip steering for easy, accurate operation. It delivers a premium Walker experience at an economical price, combining fast, efficient mowing with ease of use. The new series is powered by a **22 hp 7000 Series KT722** engine with Smart-Choke technology.

About Rehiko engines

With a century-long legacy of innovation, Rehiko stands as a trusted leader in engine manufacturing, renowned for delivering reliable and efficient power solutions. The company designs, builds, and maintains a comprehensive range of diesel, gasoline, hybrid and alternative fuels engines up to 140 hp of power – adopted globally by machine and equipment manufacturers in the most important sectors of industry (construction, earth-moving, agriculture, generators and landscaping). Formerly operating under the Kohler brand, the company has now rebranded under its new corporate name Rehiko to embrace its future as an independent entity, while maintaining its commitment to the same high standards of quality, innovation, and service.

A global leader in energy resilience, Rehiko delivers innovative energy solutions critical to sustain and improve life across home energy, industrial energy systems, and powertrain technologies, by delivering control, resilience and innovation. Its portfolio of businesses includes Engines, Power Systems, Home Energy, Uninterruptible Power and Clarke Energy.

For more details, please visit Engines.Rehiko.com.

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