

PRESS RELEASE

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INSPIRED BY TRADITION, MADE FOR THE FUTURE - PALFINGER EPSILON AT THE KWF 2024

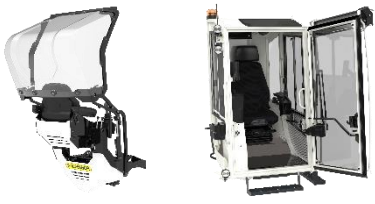


PALFINGER EPSILON will be at the **KWF** Conference from **June 19 to 22**, 2024 in **Schwarzenborn, Germany**. The trade fair presents new developments in the forestry and timber sector on an exhibition area of 140,000 square meters, including a 5.6 km long circular route. Over 500 exhibitors from more than 22 countries are expected. PALFINGER EPSILON will be represented on **stand no. W0-087** and with the motto "**Inspired by tradition, made for the future**", the company will be demonstrating how a crane manufacturer from Austria combines tradition with innovative ideas and new technologies.

The trade fair is a great opportunity to network with industry experts and colleagues, make new contacts and gain valuable insights into the future of the forestry and timber sector. PALFINGER EPSILON looks forward to welcoming you to the stand and exploring together the innovations that are driving our industry forward.

At the trade fair, PALFINGER EPSILON will be presenting the latest developments, including the innovations of the **new GENERATION 3**. While developing GENERATION 3, PALFINGER EPSILON combined at the very highest level its customers' expectations with many years of experience in crane engineering, together with the most innovative technologies. Not only products for **short timber transport** can be found at KWF 2024, but we also have the right solution for **long timber transport** and **forest machinery**. Visitors will have the opportunity to **experience the products on site** and **test them for themselves**.

CLASSIC, COMFORT AND TEC: Overview of the crane control systems for timber transport from PALFINGER EPSILON

<p>CLASSIC (mechanical crane control system)</p>		<p>The CLASSIC mechanical crane control system stands for proven technology and tradition. It is robust, reliable and represents our origins and many years of experience in crane construction.</p>
<p>COMFORT (hydraulic crane control system)</p>		<p>With the COMFORT hydraulic crane control system, we offer a control system that maximizes operator comfort. It is characterized by outstanding performance and ensures a comfortable and efficient workplace.</p>
<p>TEC (electronic crane control system)</p>		<p>The TEC electronic crane control system is an extended version of our control technologies. It enables the option of additional TEC features. This control system represents our most advanced innovations and technological developments.</p>

The new GENERATION 3

PALFINGER EPSILON listened very closely to customers when developing the new generation of cranes. Together, grow with the challenges we face on a daily basis. Together, recognize the potential on which we are working with a passion. By working together with a spirit of mutual trust, PALFINGER EPSILON has succeeded in adopting the best features of the previous crane series and combining them with the latest technological developments.

The result: The longest reach in its class, fully integrated **centralized greasing options**, the new **COMFORT DRIVE** control system, the new **PALFINGER SMART CONTROL** assistance system, and new outrigger options offering an even wider range of support, are just some of the latest highlights.

The new GENERATION 3 comprises a wide range of products with lifting capacities between **10 and 18 meter tonnes** on both the **Z and L type cranes**. With the aim of building even stronger cranes without adding weight for exceptional performance, the steel structure has been completely redeveloped and extensively optimized on the GENERATION 3.

Highlights of the new GENERATION 3

- The **longest reach** in its class – up to 10.9 meters
- **COMFORT DRIVE** – the new control system including a new **360° light concept**
- **Centralized greasing options:** automatic or manual
- **TEC** incl. TEC features such as end position damping, SMART CONTROL and future technologies
- New outrigger options – **support width up to 5.4 meters**



The longest reach in its class – up to 10.9 meters

With a reach of almost eleven meters, the new GENERATION 3 once again offers the longest reach in its class. A significantly larger working arc when loading and comparatively fewer truck repositioning steps make work much more efficient. With the aim of building even stronger cranes without adding weight, we have completely redeveloped and extensively optimized the steel structure on the GENERATION 3. Consequently, “long, longer, longest,” refers both to reach and service life.



COMFORT DRIVE – the new control system

Crane operators are clearly at the heart of our work. We developed the new, compact COMFORT DRIVE for them. The result is maximum ergonomics while operating the crane and minimum fatigue during longer tasks. The Grammer seat features suspension for perfect comfort. Due to the hydraulic pilot system, the crane controls are highly sensitive and precise. The new joystick options give you a firm grasp of every situation.



Turns night into day - the 360° light concept

If the days are too short for longer tasks, the new 360-degree lighting concept turns night into day to create optimal working conditions even in the dark. In addition to the two LED floodlights, four additional floodlights ensure perfect illumination of the entire work environment.



Centralized greasing options

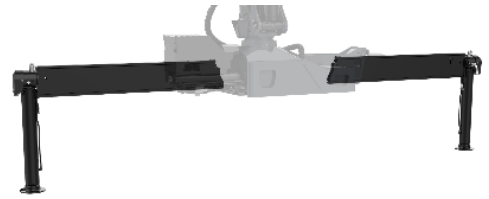
The new centralized greasing options also enhance efficiency during maintenance. Regardless of whether automatic or manual, both centralized greasing systems are fully integrated into the crane design to ensure consistently smooth operation of the crane right from the start.

With the **automatic centralized greasing option**, a dedicated pot automatically applies grease to the main axes of rotation. It is no longer necessary to grease each individual lubrication point. A quick check of the level of the grease pot is all it takes to ensure consistently smooth operation. With **manual central greasing**, the most important lubrication points can be greased quickly and easily from one central point using a grease gun.



New outrigger options - support width up to 5.4 m

The new outrigger options provide optimum stabilization with support widths of up to 5.4 meters while maintaining compact dimensions in the retracted position. This ensures even greater stability of the entire system, in particular when loading large loads with a long reach from the side. The internal hose routing also reduces the risk of damage to the hydraulics.



TEC

The TEC electronic control system is equipped with our Paltronic 180 control system. It enables the configuration of three driver profiles as well as the adjustment of speed and response behavior. Thanks to electronic flow sharing, the oil flows are prioritized according to demand and the temperature-dependent crane control ensures optimum performance under different conditions. It also forms the basis for optional TEC features, which represent our latest technological development:



- **End position damping** of the crane functions
- **SMART CONTROL:** The PALFINGER assistance system allows drivers to concentrate fully on the crane tip. This makes it much easier to control the crane, reduces fatigue and significantly reduces the training time for new operators.
- **Automatic weighing system:** With this technology, you always know how much weight is being lifted per lift and added to the total load.
- **HPLS+:** If required, the lifting force can be increased and the speed reduced steplessly, releasing up to 20% more lifting force.
- **Connected:** The crane makes the measured values available online via a telematics module for optimum remote diagnostics and for utilization in logistics tools.

Although the **automatic weighing system, HPLS+ and Connected** are still in the **test phase** and therefore **not yet ready for sale**, we will be presenting these pioneering technologies at KWF 2024. We want to give our customers an insight into the future and at the same time gather valuable feedback to further optimize our developments.

Hard long wood handling

The S290Z long timber crane from PALFINGER EPSILON stands for tradition and outstanding technology. With the CLASSIC DRIVE crane control system, this crane offers a combination of reliability and efficiency. The S290Z is equipped with a double telescopic boom and therefore offers an impressive reach of 9.6 meters. The direct mechanical crane control ensures precise and reliable operation. Additional safety is provided by the pneumatic retractable overhead guard, which optimally protects the operator in every situation. The S290Z long timber crane is the ideal solution for anyone who values tradition and quality.



Forwarder and Skidder Cranes

Almost perfect balance of power, weight and reach. Convincing in simplicity, functionality and serviceability. In the 4.5 - 15 mt class, PALFINGER EPSILON offers a strong partner in the forwarder and skidder segments. The product life cycle is very long and we have seen and realized the potential for improvement in recent years. Our cranes for forestry machines can be found all over the world and around 8,000 cranes have been in active service since the start of production in 2008. This results in an estimated 56 million operating hours of field testing.



EPSILON forwarder cranes – with or without tilt mechanisms – feature the winning combination of a perfect finish, protected hoses and excellent workmanship. The **X-Series** is the extra heavy-duty class of EPSILON cranes in the forwarder model range and covers lifting capacities of 12 to 14 mt.

EPSILON **long wood skidders** stand out especially in this application area by their low and robust method of construction as well as their reliability. Many different boom types give the crane the perfect geometry on each machine, suitable for the individual requirements.

The **X-Series** is the extra heavy-duty class of EPSILON cranes in the skidder model range and covers lifting capacities of 13 to 15 mt.

Forestry grapple FG53SV

The FG53SV forestry grapple is specially designed to enable improved penetration into the wood. Thanks to its optimized slope and a generous grapple area of 0.5 square meters, it offers an impressive maximum load of 6000 kilograms and a strong clamping force of 19 kN. Despite its robust performance characteristics, it is exceptionally light at just 270 kilograms. The FG53SV is ideal for demanding forestry and timber transport applications that require efficient and reliable timber handling.



ABOUT PALFINGER EPSILON

Founded in 1980, EPSILON Kran GmbH has for many years been the world's leading manufacturer of cranes for timber and scrap handling as well as recycling applications. EPSILON is also a full-service provider in the OFF-ROAD sector. The multinational company is a proud member of the listed PALFINGER Group and has production and assembly sites in Europe, North and South America, and Asia.

Building on the strategic pillars of innovation, internationalization and flexibilization of products, services and processes, EPSILON is committed to developing the most technically innovative solutions. In order to focus on the challenges and opportunities of digital transformation, a fourth pillar has been added to the proven strategy: PALFINGER 21st stands for new core competencies, new approaches, new products, services and business models in the digital age. The company's primary goal is now to make customers more successful in their work. The company strives to offer customers individually tailored solutions. Following the tagline "Expert know-how for experts", EPSILON customers are continuously providing valuable input for the ongoing development of the complete product portfolio.

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ABOUT PALFINGER AG

The international mechanical engineering firm of PALFINGER is the world's leading producer of innovative crane and lifting solutions. With around 11,700 employees, 34 manufacturing sites and a worldwide network of dealerships and service centers at over 5,000 locations, PALFINGER takes on its customers' challenges and creates added value. PALFINGER is consistently continuing on its course as a provider of innovative, complete solutions that deliver increased efficiency and better operability, while leveraging the potential of digitization along the entire production and value chain.

PALFINGER AG has been listed on the Vienna stock exchange since 1999, and in 2021 achieved record revenue of EUR 1.84 billion. In 2022, PALFINGER celebrates its 90th anniversary under the tagline "Celebrating the future since 1932".