

PRESS RELEASE

Elsbethen, Austria August 2024

PALFINGER EPSILON AT THE FINNMETKO 2024

PALFINGER EPSILON invites you to this year's FinnMETKO in Finland. The trade fair will take place from **August 29 to 31, 2024** in **Jämsä, Finland** and is an important trade fair for the forestry industry. PALFINGER EPSILON will be presenting the new **GENERATION 3** on over 600 m² of exhibition space, including the intelligent **SMART CONTROL** assistance system, which can be tested on site. The **TEC CAB** and the **FG53SV** forestry grapple will be in the spotlight.

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. With more than 90 years in crane construction, PALFINGER can draw on extensive and long-standing know-how in this industry. The new GENERATION 3 combines the highest level of convenience with a very appealing design and purpose-specific technologies. Technologies that make customers' work easier while making them even more cost effective and environment friendly. That is because as a partner for generations, EPSILON is aware that a sustainable and resource-saving way of working is the only way to ensure a future suitable for the next generations.



Highlights of the new GENERATION 3

- **The longest reach** in its class — up to 10.9 meters
- **TEC CAB** — the electric crane control with optional TEC features
- **Centralized greasing options:** automatic or manual
- **SMART CONTROL** — for the electric cab as an option
- New outrigger options — **support width** up to **5.4 meters**

The new GENERATION 3 comprises a wide range of products with lifting capacities between 10 and 18 metric 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. Consequently, “long, longer, longest,” refers both to reach and service life.

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. For even more efficiency during everyday operations, the entire hydraulic set-up has also been optimized. This ensures exceptional performance and even higher crane speeds with the same perfect control characteristics.



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TEC CAB

The TEC electric crane 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 that represent our latest technological development, such as the PALFINGER SMART CONTROL assistance system or end position damping.



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.

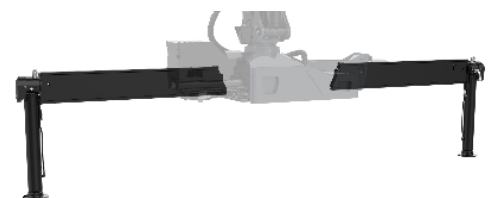
With the **automatic centralized greasing option**, a dedicated pot automatically applies grease to the main axes of rotation. It is no longer necessary to grease each individual lubrication point. A quick check of the level of the grease pot is all it takes to ensure consistently smooth operation.

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 meters

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.



SMART CONTROL

The new PALFINGER SMART CONTROL assistance system enables even faster and more intuitive crane operation and is available as an option on the new GENERATION 3. The locations of the sensors have already been taken into account when designing the cranes so they are fully integrated into the overall system. The SMART CONTROL sensors enable operators to concentrate fully on the tip of the crane. This makes it much easier to control the crane, minimizes fatigue and significantly reduces the time it takes to train new operators. Raising the bar in convenience and safety, the new Smart Control is initially available for L and Z cranes with the TEC



CAB control system and GENERATION 3 double telescope models.

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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Text and images are available under "Epsilon World" on the website www.palfingerepsilon.com.

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.