

PRESS RELEASE

Elsbethen, Austria February 2023

GENERATION 3 - THE NEW GENERATION OF CRANES FOR TIMBER TRANSPORT

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. *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

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 further optimized. This ensures exceptional performance and even higher **crane speeds** with the same perfect control characteristics.

Focusing on Customers and Their Needs

Crane operators are clearly the center 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 **spool valves** have been moved to a new location. They are now located underneath the seat platform so they are perfectly protected against mechanical damage during operation. The **EPSHOOD mechanism** is now also hydraulically operated. The weather protection roof automatically locks into place in both the operating and parked positions. The hydraulics deliver particularly smooth and quiet movements. The new PALFINGER **SMART CONTROL** assistance system enables even faster and more intuitive crane operation.

Experience & Technology

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
- **COMFORT DRIVE** — the new control system including a new **360° light concept**
- **Centralized greasing options:** automatic or manual
- **SMART CONTROL** — for the electric cab option
- 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 new 360-degree 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

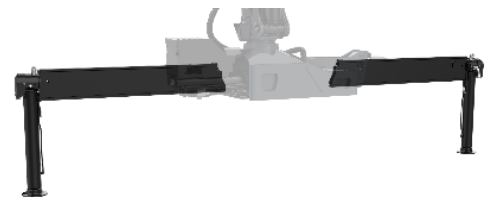


grease pot is all it takes to ensure consistently smooth operation.

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 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 for on-road and off-road deployments.

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.



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.

Further inquiries:

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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”.

Further inquiries:

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