

New models in the TEC and SLD ranges

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PALFINGER announces ten new TEC models and five new SLD models for 2019.

SLD and TEC: how the two ranges differ

PALFINGER separates the new crane models into two ranges, SLD (Solid) and TEC (Technology), which differ in various technical aspects, but above all in their applications.

Cranes in the **SLD range** combine best-in-class PALFINGER quality with a particularly attractive pricing strategy.

TEC cranes are customer-optimised products from the PALFINGER Premium range that are designed for maximum performance.

Visually, the two ranges can be distinguished primarily by the profile of the extension boom system. Cranes from the **SLD range** have an extension boom system with a conventional hexagonal profile, while the **TEC range** is equipped with a teardrop-shaped, polygonal **P-profile**. This innovative design results in a lightweight yet robust boom system, which maximises performance while maintaining a low dead weight.

The two PALFINGER crane ranges are also different in terms of their preferred areas of application. **SLD cranes** are particularly suited to easy, everyday crane operations, such as unloading pallets on construction sites or grapple applications with bulk material. For complex, specialised crane operations – such as lifting jobs involving great heights in urban areas or installation work with heavy loads – on the other hand, **TEC cranes** are the ideal equipment.

SLD cranes are available with selected features focused on the specific application such as **HPSC-Plus LOAD**, **radio remote control** or **A-HPLS**. By contrast, a full range of comfort functions and assistance systems – such as **P-FOLD**, **Soft Stop** and **RTC** – are available for the cranes in the **TEC range**.

The new TEC models: 25–37-tonne-metre class

The high-tech **TEC cranes** offer a large selection of comfort and assistance systems. As with all the TEC-range cranes, the new models are based on the innovative **P-profile**. Ten new **TEC models** with all the

features of a PALFINGER heavy-duty crane will be available from 2019 – **four of which have a continuous slewing system.**

Fast and efficient with continuous slewing system

The new **37.002 TEC 7** and **PK 30.002 TEC 7** models are equipped with the entire range of PALFINGER assistance and comfort systems. Thus **MEXT** allows mechanical extensions to be monitored by sensors and taken into account in the overload. **TOOL** also enables additional devices connected via the multi-functional adapter (MFA) to be included in the calculation of the stability limit. Both models are operated via the high-tech **PALcom P7** radio remote control, which was developed by PALFINGER.

The **TEC 5** equipment line is now available on the market for the first time. As with the TEC 7 models, there is also a large selection of assistance systems available for the **PK 35.502 TEC 5** and **PK 28.502 TEC 5** models, and they can be operated via the radio remote control provided as standard.

This covers a lifting capacity of 26.8 to 35.0 tonne-metres. The new models in the TEC range also have an outreach of up to 21.6 metres, which can be extended much further using a fly jib. With a fly jib, the **PK 37.002 TEC 7** can reach an overall lift height of 35 metres!

Two new fly jibs for TEC 5 and TEC 7 models

With the introduction of the new **TEC models**, PALFINGER is also presenting two new **P-profile fly jibs** – the **PJ090** and the **PJ075**. Both fly jib systems can be used with all new TEC 5 and TEC 7 models.

In addition to the new models with a continuous slewing system, the **TEC range** is being supplemented by **six new models with a rack and pinion slewing system** that will be launched on the market in the course of 2019. The **TEC 3**, **TEC 5** and **TEC 7** all have a slewing angle of 410°. With a choice of three equipment lines, users will always find the right TEC crane for their application.

The new SLD models: 20–25-tonne-metre class

With the SLD range, PALFINGER offers robust cranes with excellent lifting capacity for simple loading tasks. From mid-2019, this range will also be represented in the higher 20–25 tonne-metre segment for the first time with the launch of five new models. In steel construction, PALFINGER relies on the tried and tested hexagonal profile for the SOLID range, whereby the SLD variants 1, 3 and 5 differ primarily in terms of their equipment features. Furthermore, the SLD range is being extended to include an SLD 6 version for the first time.

All five new SLD models are equipped with **Single Link Plus**, which can overextend by 15°. As a manually controlled crane without overload protection, the **PK 21.501 SLD 1**, which is available only as a non-CE version, is the basic version for all other new models.

The **PK 21.501 SLD 3** has the same lifting capacity but is equipped with a **PALTRONIC 40**, which constitutes CE-compliant overload protection. The **PK 22.501 SLD 3**, the second crane developed purely for the non-CE market, features a manual **HPLS**. With the help of the **A-HPLS**, the **PK 24.001 SLD 5** can automatically provide more lifting capacity exactly as and when it is required. It is also equipped with radio remote control as standard.

SLD 6 with PALTRONIC 150

The **PK 24.001 SLD 6** tops it all off. It is the first **SLD** model ever to be available with the pioneering **PALTRONIC 150** electronic control system, which means that tried-and-tested assistance systems such as **AOS** can now also be used with cranes from the **SLD range**. In addition to the **A-HPLS**, fitted as standard, this model is equipped with the full version of the **HPSC** stability control system. It is also possible to integrate additional stabilizers in the HPSC without restriction with SLD 6 models.

Source: PALFINGER AG

CRANES