

Eight new models for the SOLID Series

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Load transport for road maintenance depots or municipal applications: simple loading tasks require not a special **crane**, but simple, strong, robust equipment. Reliability counts. The crane must be solid n– like **PALFINGER**'s SOLID range. In terms of the technology, the SLD crane series emphasises a proven high level of quality while its positioning promises an optimum price-performance ratio. The right attachment turns the **crane** into a multi-functional machine.

The introduction of the new models means that **PALFINGER** now supplies a complete SOLID series from 5 to 12 mt. Combined with our series overhaul, it's more than just a facelift. The new **cranes** have a greater lifting capacity than their predecessor models but with the same dead weight.

All models are equipped with an linkage system between the main boom and knuckle boom that creates more power on the hook, thus expanding the range of application. The conventional extension boom system with up to four hydraulic extensions ensures a wide range of applications and good reach.

In addition, SOLID models have CDP (cathodic dip painting) long-term surface protection, a treatment that historically has only been the norm in the automotive industry: the components are blast-hardened with cut wire pellets, electrostatically treated with a zinc phosphate CDP coating in the dip process, and finished with a two-component surface lacquer.

The High Speed Extension that comes as standard on **PALFINGER cranes** increases the boom system extension speed by up to 30 percent. The return oil utilization system uses a load holding valve to divert the oil from the piston rod end to the pressure line instead of the tank. The resulting oil flow increase ramps up the extension speed.

THREE EQUIPMENT VERSIONS

The PK 9.001 SLD 3 and PK 12.001 SLD 3 are manually controlled **cranes** with Paltronic and a hydraulic HPLS solution for use in non-CE markets.

The PK 8.501 SLD 1 and PK 11.001 SLD 1 are the non-CE entry-level models; the basic version is designed without overload protection. Optional electro-hydraulic overload protection and top seat control are available separately.

The basic versions of the PK 8.501 SLD 3 and PK 11.001 SLD 3 are supplied with Paltronic overload protection and manual control. An optional 1.5 t cable winch on the knuckle boom is available separately.

Of the three SOLID models, the PK 9.501 SLD 5 and PK 12.501 SLD 5 are top-of-the-range, supplied with Paltronic, E-HPLS, remote control and a load-sensing control valve. E-HPLS reduces the crane's working speed where required, increasing lifting power at the same time.

SLD 3 and SLD 5 models are available in non-CE and CE versions.

SOLID models can be fitted with the new HPSC-E high performance stability control system and 180° tiltable hydraulic stabiliser rams.

Source: Palfinger