

Date: **2010**  
Product / Model: **CRANE / PK 50002 EH**  
Industry sector: **Heavy transport/crane and low-loader transport**  
Company name: **Wintershall Holding GmbH**

## **Heavy-duty PK 50002 EH crane for Wintershall**

### **Crane vehicle and tractor in one**

Wintershall Holding, a subsidiary of the BASF Group, has been active in the exploration of oil and natural gas around the world for over 75 years. At its Barnstorf headquarters, which oversees Wintershall's activities throughout Germany, a new, custom-designed crane vehicle with a PALFINGER PK 50002 EH was recently acquired. The Gellhaus Company was responsible for assembly and mounting the crane. For more than 2 decades, the vehicle body company, located in Vechta, a town in northwest Germany, has been supplying its customer Wintershall with custom-assembled vehicles.

The new vehicle is also intended as a tractor trailer. The 550 hp 6x4 ACTROS has a short wheelbase for that reason. The 4-way support and removable ballast weight behind the cab provide a stable base for crane work. The optimized sub-frame construction enabled a significant weight reduction, which thereby improved that of the total load capacity.

As the customer requested, the PALFINGER crane has an 8-fold hydraulic boom system with an outreach of 21 meters and a cable winch with a pulling force of 3.5 tons. A special new feature in the heavy-duty class is the maintenance-free boom system.

The PK 50002 EH is one of the latest developments and represents a milestone in crane development. In spite of its significantly increased lifting capacity of over 200 kg, it is lighter compared to its predecessor. It features an innovative and user-friendly product design. The remote-proportional control, double slewing drive, large slewing torque, and patented Oscillation Suppression System (AOS) make extremely precise crane movements possible when transporting highly sensitive equipment and ensure safe installation work at drilling sites.

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The crane can come optionally equipped with a fly-jib.

Another feature is the use of organic oil for the crane's hydraulic system. In addition, storage boxes for the cargo gear and tools are provided so that everything is in its right place. Easily accessible bearers in accordance with safety requirements all have their well-defined spot for cable winch accessories, ladders, ground cable for grounding the vehicle when in use, fire extinguishers, shovels, spades, and brooms. "The vehicle equipment isn't an end in itself. The people at Wintershall know the kind of jobs they do and what they need when they get there," explains Hans-Joachim Tirre from Tirre Company, which as a PALFINGER sales partner in the region carried out this project together with the Gellhaus Company.



**PALFINGER AG**  
Franz-Wolfram-Schererstrasse 24  
A-5101 Bergheim-Salzburg/Austria  
info@palfinger.com