

Date: **2011**  
Product / Model: **Crane / PK 40002 EH**  
Industry sector: **Construction materials/DIY store/concrete works/brick manufacture/screed and brickworks**  
Company name: **Tirre GbR, Janssen OHG**

## East Frisia's longest crane for building materials

The requirements for this crane project were the ability to work at great heights with the largest outreach possible using radio remote control, jib and cable winch plus the ability to convert rapidly to stone grapple operation. The aim was to extend the logistics service for building materials provided on site for roofing and carpentry businesses. Tirre GbR as PALFINGER's distribution partner for the region and M. Janssen OHG as the vehicle construction company implemented these user requirements perfectly with a PALFINGER PK 40002 EH heavy load crane with 7 hydraulic boom extensions and 3 hydraulic jib extensions.

Georg Schlachter, managing partner of the Siebel building materials center, says, "Although the East Friesland region isn't exactly noted for its buildings, the use of a unit such as this still makes sense for us. Even with single-family houses, whether new builds or renovations, the roofers more and more frequently want the roof tiles and other materials delivered directly to the point of installation. This makes the whole construction process go faster. We've been told that it's possible to save one to two days of construction time as a result. What's more, there is much less or even no breakage of materials which is often the case when materials are passed upwards by hand. The accident risk for the roofers is also significantly lower not to mention the risk of damage to the building. And then of course there's the problem of what to do about temporary storage for the roof tiles when they're delivered. So it's really best if the new tiles go straight up to the roof." This is Schlachter's argument for crane logistics on the construction site. Depending on the boom position, the new crane offers a hydraulic outreach of over 31 meters as a result of the jib extension. While the motor vehicle and trailer stand outside on the road, the building material can be passed straight into the construction site and unloaded.

The Fly-Jib can be quickly and easily attached or removed thanks to the new comfort cable routing and multiple couplings when there are peaks in orders using standard construction material transport with the rock grapple. Fitted as standard with a continuous slewing system and double slewing system, maintenance-free extension boom system, functional operating elements and Power Link Plus, the PK 40002 EH sets new standards in this crane class. As the perfect crane for 3-axle chassis, it covers a wide range of uses and is equally suited to installation work, container transports, recovery assignments and other heavy load tasks.

# JOBREPORT

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