

### **30 years of pioneering work in luffing technology – WOLFFKRAN presents the WOLFF 275 B**

*Munich – January 2016.* The luffing crane is celebrating its rebirth on construction sites around the world. A trend that WOLFFKRAN, as the leading manufacturer in the luffing sector for almost three decades, has advanced by constantly bringing out new products. The WOLFF luffing range currently includes seven modern models for every requirement – from S to XXL. At bauma 2016, the premium manufacturer will introduce the WOLFF 275 B, which as the younger brother of the proven WOLFF 355 B will replace the WOLFF 224 B.

"Ever since we developed our first luffing crane in the 80s, our luffers have set standards in the industry and become models for many cranes of our competitors", says Dr. Peter Schiefer, CEO and Owner of WOLFFKRAN. "With our newcomer WOLFF 275 B, we are presenting a powerful luffing crane with the most advanced design concept, which at the same time is very good value for money and efficient to operate."

#### **Powerful and flexible for demanding jobs**

With a maximum load capacity of 12 tons in 1-fall operation and 24 tons in 2-fall operation, and a maximum jib length of 60 meters, the WOLFF 275 B complements the WOLFF luffing family in the 250 mt class. Thanks to its powerful 75 kW hoisting winch that can take up 700 meters of rope in 1-fall and 2-fall operation, the 275 B reaches impressive lifting speeds of up to 222 m/min in the partial load range, which makes it ideal for high-rise construction sites.

The hoisting and luffing gear have an automatic power optimization feature: Regardless of the number of rope layers and load, the full power of the drive is always available, which results in higher working speeds. The WOLFF *Boost* function, now a standard feature of all the new models, allows for a 10 percent increase of the lifting capacity that can be activated by the crane driver at the switch-off point. Despite its power, the WOLFF 275 B is very energy efficient in operation. The control and drive technology are installed in a single cabinet allowing for an energy compensation between the drives which results in savings on power.

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The crane is fitted with a connection adapter on the lower slewing frame and can be erected on either the slender TV 20 (2 x 2 meters) tower sections or more powerful tower sections, such as the HT 23 (2.3 x 2.3 meters). Furthermore, the modular WOLFF tower system provides the option of combining the TV 20 and HT 23 tower sections using a special transition section, allowing for flexible and economical solutions suiting the particular needs of the construction site.

### Top of the list for assembly and transport

The new WOLFF 275 B also proves its efficiency when it comes to assembly and transport. Thanks to the patented WOLFF-specific design of the open latticework tower-top-counterjib unit, the individual components are extremely light-weight. "As with its sister crane WOLFF 355 B, the hoisting gear is incorporated in the tower top and the hoisting rope already pre-reeved in the pulley block at the factory. This patented construction allows for a very fast assembly of the jib," explains Gerd Tiedtke, Product Manager at WOLFFKRAN. By placing the luffing winch in the tower top and the switch cabinet on the driver's cab platform, more space is gained on the counterjib and the hoisting winch easily accessible. To reduce the assembly weight, both the hoisting and luffing winch can readily be separated from the components by a simple process of bolting them off and back on.

### Safety and comfort included

Ease of use and safety are the essentials of every WOLFF crane. This being so, the 275 B is supplied with the WOLFF *Cab* as standard. It can be fitted with an air conditioning unit if required and so offers crane operators maximum comfort and safety in all weather conditions. Safety features such as the anti-collision interface and the slack rope monitoring are just as much standard with this newcomer, as the latest WOLFF safety crane controls with BUS technology. Drops in voltage and weak networks are automatically recognized and lifting capacity limited correspondingly in order to not interrupt the workflow. A high level of operational reliability is not least also guaranteed by the latest version of the web-based WOLFF *Link* fleet management system, also integrated as standard.

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"With the WOLFF 275 B we want to offer our customers an even wider range of modern luffing cranes," says Dr. Peter Schiefer. "We actually experienced international demand for this model before it was even released. A positive sign for us that it will soon take up its rightful place, both in the WOLFF family and on construction sites around the world."

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With a tradition spanning over 150 years, WOLFFKRAN is one of the leading manufacturers and rental companies of high-quality tower cranes in Central and Eastern Europe, the Middle East, North America, Australia and Hong Kong. The rental fleet comprises more than 750 WOLFF cranes worldwide. Its headquarters are in Zug, Switzerland and it has manufacturing sites in Heilbronn and Luckau, Germany, as well as international subsidiaries around the world. It employs a global workforce of approx. 800 people.