

Successfully tried and tested on US territory –WOLFF luffing jib cranes 355 B and 700 B

Las Vegas – March 2017. The return of WOLFFKRAN to the US market goes hand in hand with the introduction of its two best-selling luffing jib cranes, the WOLFF 355 B and 700 B, in US versions optimally adapted to suit market demands. The installation of the first 700 B US at the 181 Fremont Street site in San Francisco in 2014, followed by the second 700 B US on the 3WTC site in New York in 2015, and the many WOLFF 355 B US luffers currently in operation in the Greater New York Metropolitan Area are testimony to their success and suitability for high-rise construction across the nation.

Most high-rise buildings in the US are built with a solid concrete core surrounded by structural steel elements. For concreting work, quick lifting speeds are importance, whereas steel constructions require large cranes with high load capacities. "We are able to satisfy both demands with the WOLFF 355 B US and the WOLFF 700 B US respectively," states Duncan Salt, President of WOLFFKRAN Inc.

Ideal for high rise construction jobs

The 355 B US has a maximum lift capacity of 61,730 lbs and comes with 147 hp hoisting winch as standard, reaching partial load speeds of up to 607 ft/min. It can also be delivered with a 177 hp winch, with which it can lift loads of up to 951 ft/min, thereby attaining great turnaround times for concreting work.

The WOLFF 700 B US on the other hand is perfect for structural steel work. It can effortlessly lift heavy steel and prefab elements with its maximum load capacity of 110,230 lbs and hoisting speeds of up to 623 ft/min. Both hoisting winches have a rope storage capacity of 3,248 feet (700 B US) and 3,018 feet (355 B US) – ideal for when you're aiming high.

WOLFFKRAN has equipped the WOLFF 700 B US with a short counter jib measuring only 25 ft 3 in, which can be even further reduced to 24 ft 3 in if needed. The smaller WOLFF 355 B US is equally as space-saving with a tail swing of only 23 ft 7 in. Short counter jibs are of particular importance on inner-city construction sites, where contractors do not just have to contend with limited

**WOLFFKRAN
International AG**
Simone Engleitner
International Marketing
Baarermattstr. 6
Ch-6300 Zug
Tel + 41 41-766 85 00
Fax + 41 41-766 85 99
s.engleitner@wolffkran.com
www.wolffkran.com

Press contact
Sarah Spitzl-Kirch
Rumfordstr. 5
D-80469 München
Tel + 49 9721 67 98 587
Fax + 49 89-23 23 90 99
spitzl-kirch@headline-affairs.de
www.headline-affairs.de

PRESS KIT

**Las Vegas,
March 2017**

space issues, but also comply with strict regulations regarding weather vaning and overslewing of neighboring properties.

Both US WOLFF luffers are suitable for internal and external climbing, and like all WOLFF cranes, based on the modular WOLFF tower system. As for the crane base, customers can choose from standard WOLFF components or a customized solution developed by WOLFFKRAN engineers to suit a specific project.

Adapted to US standards

Both models are equipped with a second brake on the hoisting as standard and available with two jib versions. Besides the standard jib tip piece, an alternative jib tip piece with a connection for a fly jib is also available. The 100 hp auxiliary hoisting winch with a load capacity of 17,640 lbs in 1-fall operation and a rope capacity of 61,969 feet is positioned in the first jib section and can reach partial load speeds of up to 459 ft/min. The load can be hooked on to the main jib and the fly jib at the same time in order to rotate loads from a horizontal position into a vertical position – a feature often requested by US customers. The control system for the overload protection monitors the total load torques of both drive mechanisms and switches them off if the load torque of the main hoist is exceeded. By adapting the electrical equipment to the American UL standard and incorporating some structural changes, WOLFFKRAN has taken into consideration the specific regulations of the American building authorities

Fast, yet very energy efficient

The fully electrically operated WOLFF 355 B US and 700 B US are fitted with hoist drives regulated by frequency converters, making them extremely energy efficient in comparison to conventional electric cranes or diesel-powered cranes. The control and drive technology are installed in a single switch cabinet allowing for energy compensation between the drives. Further, the intelligent WOLFF control system recognizes drops in voltage and weak power grids and automatically limits the lift capacity as required, thus guaranteeing a high level of operational safety and availability. Finally, the hoisting and luffing gear are both equipped with an automatic power optimization feature: Regardless of rope layer and load, the full power of the drive is always available and fastest working speeds thus guaranteed.

**WOLFFKRAN
International AG**
Simone Engleitner
International Marketing
Baarermattstr. 6
Ch-6300 Zug
Tel + 41 41-766 85 00
Fax + 41 41-766 85 99
s.engleitner@wolffkran.com
www.wolffkran.com

Press contact
Sarah Spitzl-Kirch
Rumfordstr. 5
D-80469 München
Tel + 49 9721 67 98 587
Fax + 49 89-23 23 90 99
spitzl-kirch@headline-affairs.de
www.headline-affairs.de

WOLFFKRAN standard included

As all WOLFFs, the WOLFF 355 B US and 700 B US are characterized by the low weight and slender dimensions of its individual components. This not only allows for transportation on regular semi-trailers without special road permits, but also for the assembly with smaller mobile cranes.

The extensive range of standard features and equipment – including the WOLFF *Link* fleet management system, an anti-collision interface and the slack rope monitoring, optional level luffing for the main hoist, safety crane controls with BUS technology, semi-automatic reeving (700 B US), as well as the new WOLFF *Cab* – makes both models undisputed leaders of the pack in the American crane market.

"But we don't just have the ideal products, we also offer our customers the complete package with their cranes," says Dr. Peter Schiefer, CEO of WOLFFKRAN. "Alongside with our branch office in New York and the upcoming near Los Angeles on the West Coast, we have also set up our service, support and spare parts supply chains with our partners, which are up and running, in order to ensure our customers get the best service possible," concludes Salt.

**WOLFFKRAN
International AG**
Simone Engleitner
International Marketing
Baarermattstr. 6
Ch-6300 Zug
Tel + 41 41-766 85 00
Fax + 41 41-766 85 99
s.engleitner@wolffkran.com
www.wolffkran.com

Press contact
Sarah Spitzl-Kirch
Rumfordstr. 5
D-80469 München
Tel + 49 9721 67 98 587
Fax + 49 89-23 23 90 99
spitzl-kirch@headline-affairs.de
www.headline-affairs.de