

## **KAEUFER INC.**

Blade Access Systems

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## **THE LEADING COMPANY FOR BLADE ACCESS SYSTEMS**



### **MOBILE PLATFORM: TYPE K-WKA-U-1W**

The platform is designed for power plants up to approx. 1.3 MW. It climbs upward to any heights using one electric winch. The payload of this smaller platform amounts to 550 lbs and the dead weight amounts to 1300 lbs.

The platform can be used in stall or pitch position. The end sections are adjustable in each angle position so that the blades can be reached comfortably. This platform can be erected easily and quickly in a minimal set up time.

## **THE LEADING COMPANY FOR BLADE ACCESS SYSTEMS**

KAEUFER offers **top quality German engineering** and cutting edge technology in its highly reliable and versatile mobile platforms and access systems for inspection, repair and maintenance of blades on wind energy towers and wind power plants.

KAEUFER's mobile platforms are the latest innovative German-engineered technology.

KAEUFER mobile platforms and access systems are adaptable and customizable to fit any utility-scale wind energy towers. All surfaces of a blade can be reached for inspection and repair. Precise control of winches allows safe maneuvering of platform close to the blade along its entire length.



The platforms are easy to transport. They can be assembled and erected on any surface, even on rough terrain or offshore.

With KAEUFER mobile platforms and access systems, there will not be any expenses for crane rentals.

The platform is powered by electric winches and can climb to any heights. Distance supports can be adjusted electrically or mechanically to reach the required working position at the rotor blades.

Member of:



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# **THE LEADING COMPANY FOR BLADE ACCESS SYSTEMS**

KAEUFER is the leading international company for wind tower and rotor blade access systems in Germany and abroad. We are a privately owned company headquartered in Hueckeswagen near Cologne, Germany.

We have developed various access systems for numerous applications in diverse industry sectors for more than 25 years.

Our innovative suspended platforms allow alignment on all sizes, heights and shapes of towers, wind power plants and rotor blades. Since 1996 numerous platforms operating in pitch or stall position have been installed in Europe and India. Now, KAEUFER access systems are being offered in the United States.

We provide not only custom-engineered platforms, but also assembly of platforms, training of customer personnel, spare parts and after sales service.

Our platforms meet and surpass pertinent international industry standards and can be certified to applicable safety requirements.

Based on our experience and superior technological capabilities, we are able to engineer cost-effective solutions for any type of wind-energy power plant for maintenance, inspection and cleaning.

Take advantage of our solid track record as the leading company in the business of blade access systems world wide.

### **We offer you the following advantages and benefits:**

- Käufer access systems for wind-energy power plants are UL-certified
- We can satisfy special requirements of our customers because of our capabilities and expertise in the construction, production and assembly of platform systems for an exceptionally wide range of applications.
- We offer consulting services and professional advice
- You will realize economical and safety-related advantages when you use KAEUFER access systems
- Only one type of platform is needed on wind-energy power plants with pitch or stall position if additional components are attached
- The adjustable sliding platforms make it possible to reach ideal working positions so that blades can be easily and comfortably accessed for inspection and repair
- 2 persons can erect an access platform in about 1.5 hours
- Capacity of 880 lbs or 550 lbs depending of type of platform
- Complete suspended platform can be transported by trailer
- Accessories such as lockable toolbox, fire extinguisher, moving pinch roller, etc., are available

### **The following companies have successfully used KAEUFER blade access systems:**

- LM Windpower Service Inc., Grand Forks ND / USA
- LM Glasfiber (India) Ltd., Bangalore / India
- LM Glasfiber GmbH, Schoppsdorf / Germany
- Vestas Deutschland GmbH, Husum / Germany
- Vestas Österreich GmbH, Schechat / Austria
- GE Energy B.V., Almelo / Netherlands
- Gamesa, Sarriguren / Spain
- BS Rotortechnik, Sebexen / Germany
- SSB Service GmbH, Salzbergen / Germany
- JUWI Management GmbH, Woerrstadt / Germany
- Local European Service Companies

Member of:



### **MOBILE PLATFORM: TYPE K-WKA-C-2W-V**

The platform is designed for wind power plants up to approx. 5 MW. It is suspended on steel wires and climbs upward to any heights using 2 electric winches.

Distance supports are to be adjusted electrically or mechanically to reach the required working position at the rotor blades. The payload of this platform amounts to 880 lbs and the dead weight amounts to 2650 lbs. The platform can be used in stall or pitch position. The manual adjustable sliding platforms ensure that the blades can be reached comfortably.

For easy transport the platform can be mounted on a trailer. For setting up the platform the trailer will be parked in front of the tower.

