



TOP-INNOVATION



CRANE SYSTEMS

**INDUSTRIAL CRANE
IK 250
POWER AND INTELLIGENCE**

POWER PACKAGE WITH A BRAIN – KIEBLER REVOLUTIONISES CRANE CONSTRUCTION TECHNOLOGY

Kiebler AG, leading Swiss company in crane production, sets a further milestone. The industrial crane IK 250 defines new standards in user-friendliness, efficiency, power and flexibility.

TOP COMPONENTS, INDIVIDUAL APPLICATION

The basic equipment fulfils the highest demands: Frequency-controlled motors, hydraulic pre-tension of the drive wheels, tandem rockers each with six track rollers, sensors for controlling the driving and slewing movements depending on the load and moment. Jib from high-strength fine-grained steel with highly resilient flyer chains, leading-edge control (PLC, CAN bus). And: The IK 250 aligns with your needs, thanks to diverse grippers, which make it applicable for a wide range of purposes.

PRECISE WORK IN A COMFORTABLE AMBIENCE

Please climb in: The IK 250 offers the maximum in safety and the ultimate in cab comfort. Thanks to the ergonomic seat, heating, air-conditioning, radio and further amenities, even a full day's work is pleasurable. Large windows offer the best view of the working environment. The joysticks can be assigned according to customer requirements, the machine control behaviour can be tailored to the users (e.g. for beginners and advanced operators). The user's central information and input instrument – the display – is also used by service personnel, because all stored operating data can be accessed here.

THE IK 250 WORKS LONGER

The IK 250 endures continuous use under extreme conditions with ease. Thanks to diverse innovations: With the shifting of the large masses – drives, oil tank, electrical box – from the tower base to the top of the tower, the forces acting on the crane reduce markedly. This in turn benefits the fatigue strength. The powerful construction, the central force application, more track rollers for optimum force distribution: Everything is configured for a long service life. Moreover, the frequency-controlled gear motors optimise the behaviour of the driving and slewing actuators.

1. Comfortable cab: Ergonomic seat, optimum operable display, air-conditioning system, best view, radio, etc.

2. User-friendly display: Simple and intuitive operation for the driver, and a sophisticated maintenance instrument for service personnel.

3. Drive: Optimum drive behaviour thanks to frequency-controlled gear motors.

4. Tensioning unit: The hydraulic pre-tensioning ensures an even contact pressure of the drive wheels and prevents these slipping, no re-tensioning is required. The drive wheels are automatically relieved when at a standstill.

5. Rocker: Large tandem rocker with 4 plastic track rollers and 2 side guide rollers optimally distribute the forces over the rails and additionally guarantee quiet running behaviour.

6. Tower with lift cylinder: The central force application minimises the stresses on the jib and the force transfer/dissipation is optimally configured. The entire crane structure is very strong and stable by design.

7. Jib and flyer chains: Strong jib tubes from high-strength fine-grained steel, designed for the highest continuous loads. Highly resilient flyer chains for sliding the jib in and out.

8. Sensors: With these, it is possible to control the speeds and accelerations depending on the load and moment, which optimises the working efficiency.

9. Grippers: A range of gripper and bucket types make the IK 250 a true multi-purpose device.

MASSES, FACTS, FIGURES, FEATURES

TECHNICAL DATA

- + Frequency-controlled electric drives
- + 30 kW hydraulic drive power
- + Longitudinal drive power: 2 x 3.8 kW
- + Lateral drive power: 2 x 1.35 kW
- + Slewing: 1 x 3.9 kW (continuous slewing)
- + Max. lift force: 3000 kg
- + Lift moment: 14 mto

TELESCOPIC JIB

Triple telescopic jib,
range min./max. 3.30 m/10.80 m

TRAVERSING GEARS

Up to 20 m wide

IK 250: GLOBAL INNO- VATION SWISS MADE. VERY STRONG AND VERY CLEVER.

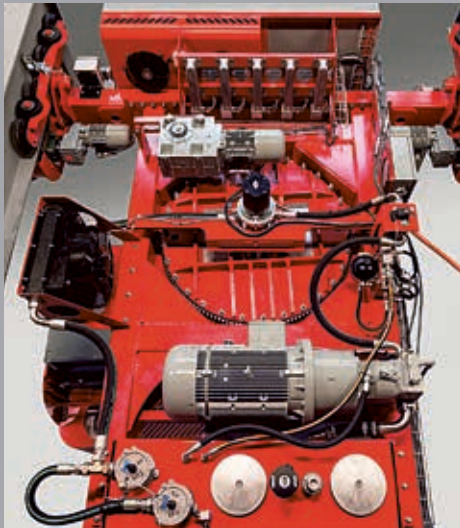
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KIEBLER SERVICE | ALWAYS READY

KIEBLER service starts with the first meeting: Together with you, we determine which solution fulfills your purposes optimally and most efficiently. Following this, we are your collaborative co-planning partner, who is also there for you after the sale; as planned – or whenever you need us. Our service and installation fitters are available to you 365 days a year. This is the service quality that we guarantee to you. Not least on the basis of the ISO 9001:2015 certificate for an effective quality management system, held by Kiebler AG as the only suspended slewing crane manufacturer to achieve this.



HOTLINE: +41 71 422 43 88

INDUSTRIAL CRANE SYSTEMS + RECYCLING PRODUCTS +
HAY CRANE SYSTEMS



KIEBLER AG CRANE SYSTEMS

UNTERDORF 7/9 | CH-8588 ZIHLSCHLACHT | TEL. +41 71 422 43 88 | FAX +41 71 422 47 88 | WWW.KIEBLERAG.CH | INFO@KIEBLERAG.CH