



Sophisticated
Hoisting
Technology


KÜHNEZUG

***Auf Erfolgskurs:
Kühnezug-Gruppe***

*O*n the Course to Success

Since 1961 KÜHNEZUG has been a manufacturer of crane systems and components. The company has been owner run for two generations now. Production centres in Germany are situated in Schuby near Hamburg and Gützkow near Neubrandenburg. We deliver to and produce in over 50 countries worldwide.

Sophisticated Hoisting Technology

KÜHNEZUG designs travelling or gantry cranes according to your requirements, equipped with rope hoists and drive units of own production, with loading capacities up to 500 t and span up to 50 m.

Our range of production is completed by slewing pillar cranes up to 80 t loading capacity as well as truck mounted and workshop cranes.

Oval Girder Construction for Overhead Travelling, Gantry and Slewing Cranes

An egg formed of steel was the model of the oval profile in 1971. The logical advancement to OVALplus* offers you further reductions of dead weight and a saving of in-building height up to 600 mm. Your economic benefit is based upon savings of building and operating expenses.

OVALplus* travelling cranes
up to 20 t loading capacity and 50 m span



KÜHNEZUG double oval girder travelling crane up to 500 t loading capacity

*We are looking forward
to discussing the configuration
of your hoisting equipment
with you individually*



Owners of Admiral's Cup Yachts have trusted for years in oval girder slewing cranes for shipyards and marinas

with KÜHNEZUG-Group

Cold-formed Components

Cold-formed components, as efficiently introduced by the car industry, have been used by KÜHNEZUG for a large part of the products since 1982.

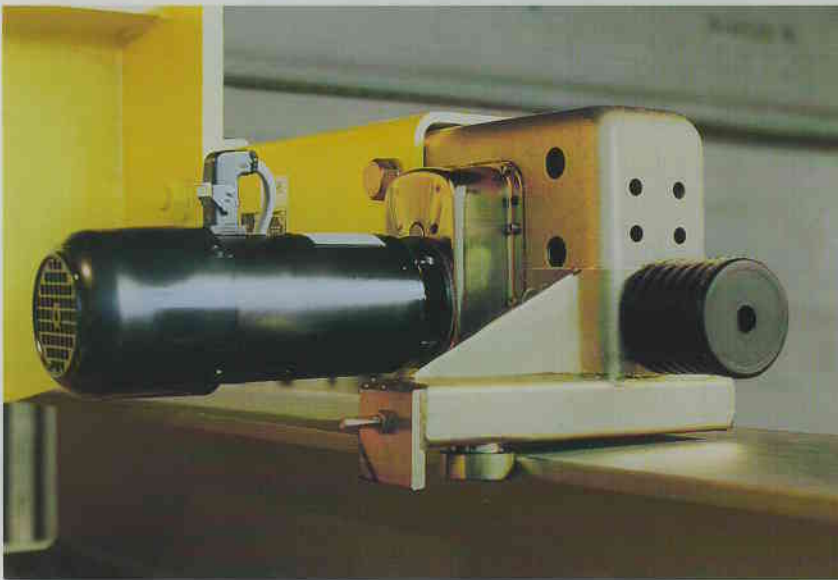
A lower weight compared with cast iron as well as consistently good quality are characteristics of this technology.

Gold galvanizing provides protection against corrosion.



GOLDKATZE

-short headroom trolley for low in-building heights



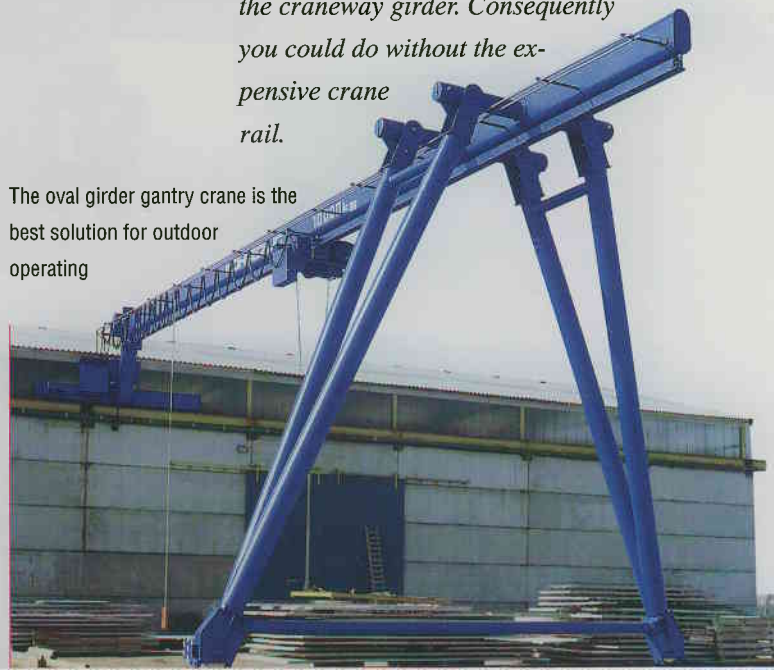
ROLLCOMPACT drive unit without crane rail

KÜHNEZUG cranes are coated with ecologically friendly water enamel according to place of operation

High Quality Polyamid Running Wheels

Since 1971 KÜHNEZUG has employed high-quality synthetic materials for various components. Particularly for the running wheel this means a greater smoothness of running and, compared with the steel wheel, an improvement of friction on the steel of the craneway. Almost resistant to wear the wheel can either run on the crane rail or, alternatively, directly on the upper flange of the craneway girder. Consequently you could do without the expensive crane rail.

The oval girder gantry crane is the best solution for outdoor operating



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Control Technology

The KÜHNEZUG bus bar system offers as a standard 4 poles for electric power supply as well as a fifth pole for the data line transmission of digital control signals. The endless copper band guarantees safe data flow.

Control can either be performed by contactors, semi conductors or frequency inverters.



KÜHNEZUG safety busbar BW 53 with max. 5 poles

In addition to push button pendants and driver's cabins the range of products is rounded off by KÜHNEZUG infrared and radio remote control systems. Computer integrated control system solutions are being offered within the KÜHNEZUG group of companies.

KÜHNEZUG infrared and radio remote control simplify hoist operation

Production centre Gützkow



Production centre Schuby



KÜHNEZUG SOFTDRIVE* the frequency inverter with current regeneration



The KÜHNEZUG SOFTDRIVE* frequency inverter with stator current vector regulation facilitates continuous control with constant torque down to motor speed "ZERO". The soft performance protects all mechanical parts like gears and brakes. Brake linings are hardly required any more. The 4-quadrant operation with patented current regeneration unit facilitates savings of up to 70% with regular crane and hoist operation.

KÜHNEZUG truck mounted crane "Jonny from Hamburg" produced for more than three decades



Goods lift with KÜHNEZUG hoists also for explosion-proof requirements



KÜHNEZUG Hoist EEx-d short headroom trolley for all explosion groups and temperature classes



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