



Cranes and Crane Kits

Sophisticated Hoisting Technology since 1961

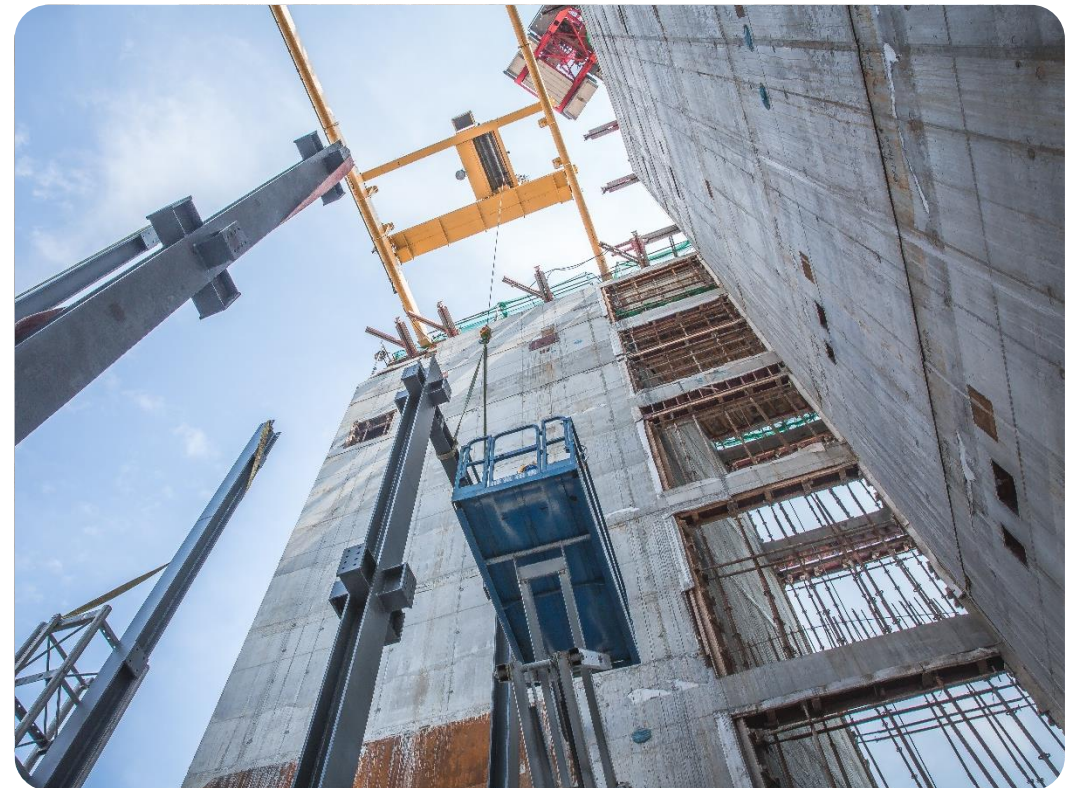


High Speeds & Lifting Heights

KÜHNEZUG Cranes - High Speeds & Lifting Heights

Highly performance crane systems with high lifting speeds and enormous lifting heights. Our state of the art technology and know-how ensures safe handling.

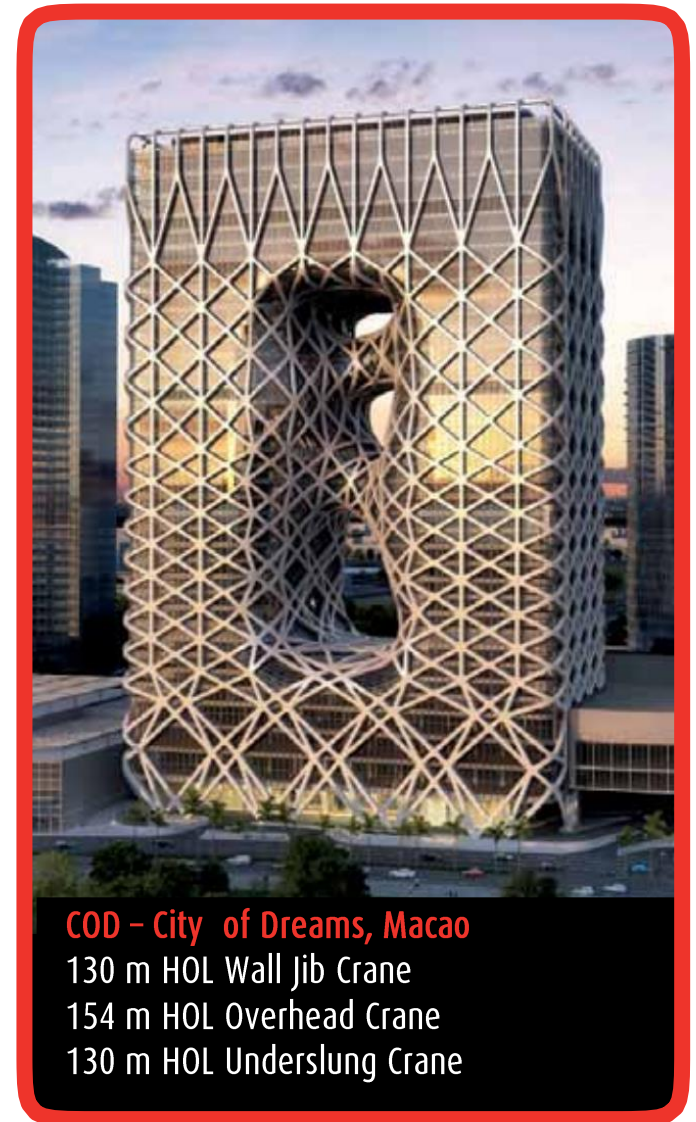
- High lifting speeds at minimal power consumption, reliable heavy duty components and an intuitive building block system for high availability of the crane are your economical benefits with KÜHNEZUG
- Outstanding precision due to features such as
 - closed-loop inverter technology
 - true vertical lift (no horizontal hook movement)
 - step less speed control
- Several safety features available such as
 - reliabel overlad protection
 - electromagnetic safety brake
 - double gear box design
 - independent holding brakes
 - manual brake release
- Compact design for optimal hook approaches even at enormous lifting heights



City of Dreams (1/3)

Wall jib cranes inside a skyscraper for construction works on site.

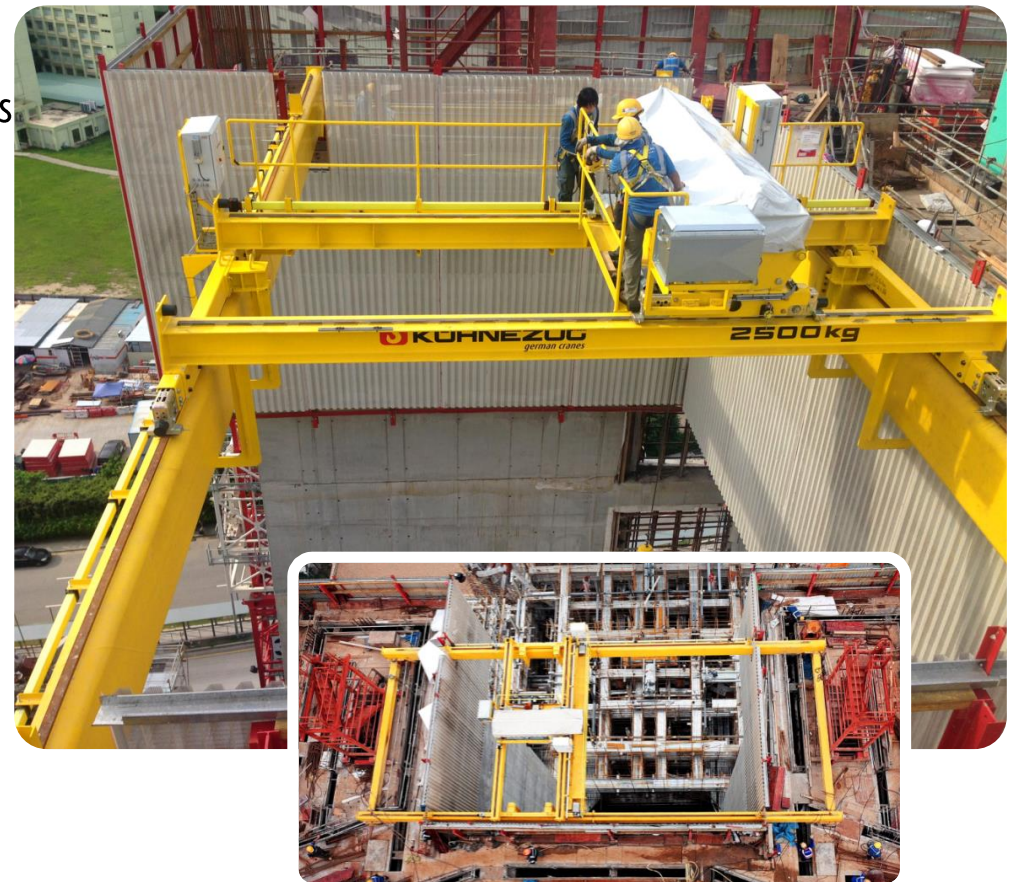
- 4 t wall jib crane
- 7,5 m jib
- 130 m height of lift
- 20 m/min lifting speed



City of Dreams (2/3)

2 x Double girder overhead cranes on top of a skyscraper which grow together with the building.
They enable to place parts where the luffing jib cranes cannot reach.

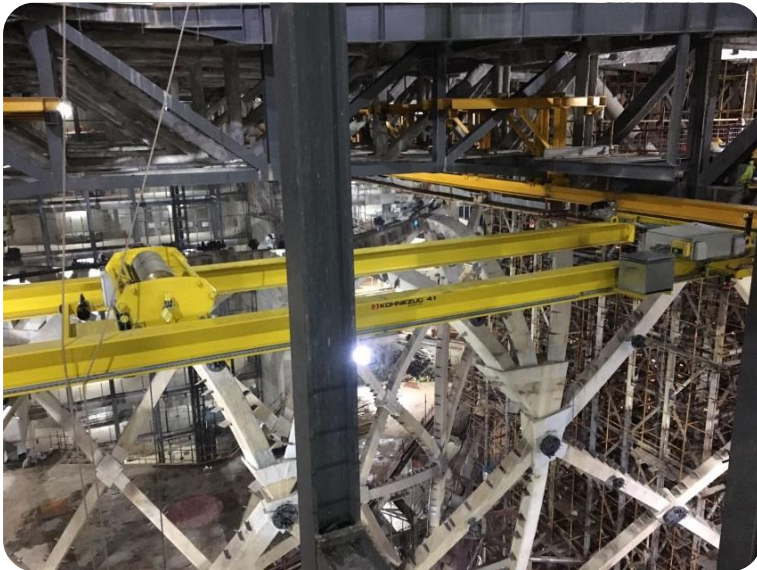
- 2,5 t double girder overhead crane
- Oval girders as crane runway for column distance of 18,5 m
- Wind protection brackets for crane and to prevent components lifting off by wind
- 7,3 m span
- 154 m height of lift
- 40 m/min lifting speed



City of Dreams (3/3)

2 x Underslung double girder cranes inside a skyscraper.

- 4 t underslung double girder crane
- Minimum build-in-height of 1.045 mm
- 13,3 m span
- 130 m height of lift
- 20 m/min lifting speed



Salt Plant Crane

Extreme compact and self adjusting automated crane for true vertical lift in high corrosive environment.

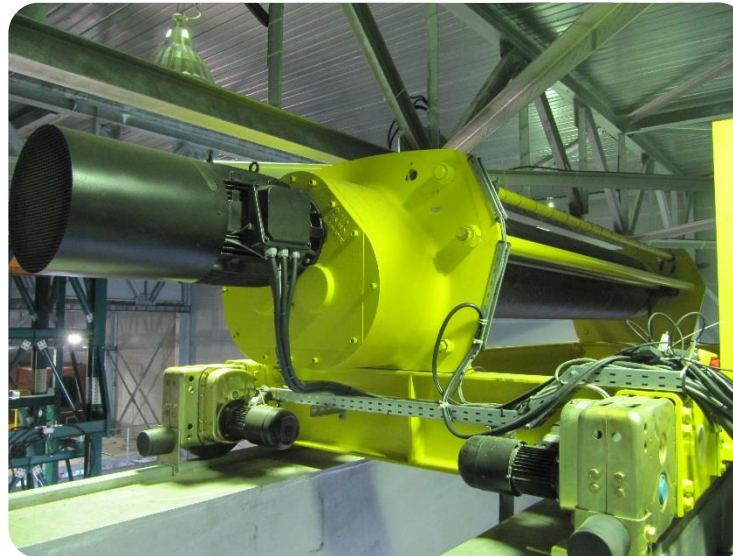
- 15 t double girder overhead crane
- True Vertical Lift - horizontal hook movements during lifting or lowering of the load are compensated by self adjusting automated crane with PLC programming
- Protection against corrosive environment
- 3,7 m span
- 50 m height of lift
- 24 m/min lifting speed



Shaft Crane

Extreme compact and self adjusting automated crane for true vertical lift for shaft operation.

- 25 t double girder overhead crane
- True Vertical Lift - horizontal hook movements during lifting or lowering of the load are compensated by self adjusting automated trolley with PLC programming
- 14 m span
- 190 m height of lift
- 27 m/min lifting speed



Shaft Gantry Crane

Double girder gantry cranes with true vertical lift for shaft operation.

- 2x 30t double girder gantry cranes
- Cranes in FEM group 4m for heavy duty shift operation
- 12 m span
- 35 m height of lift
- 16 m/min lifting speed



Copper Grab Crane

Double girder overhead cranes for heavy duty copper industry.

- 3x 25t double girder gantry cranes
- Cranes in FEM group 5m for heavy duty operation
- Loadsharing System - to minimize wear and tear and ensure high availability both hoists share the load
- True Lift - hoists without horizontal hook movement
- 41 m span
- 20 m height of lift
- 24 m/min lifting speed



Slag Grab Crane

High performance crane systems with grabs for heavy duty applications.

- 2x 13 t double girder overhead cranes
- Cranes in FEM group 5m for heavy duty operation
- 26,6 m span
- 30 m height of lift
- 43 m/min lifting speed



Grab Crane

Double girder gantry crane for heavy duty grab application.

- 10t double girder gantry crane
- Crane in FEM group 5m for heavy duty operation
- 35,3 m span
- 12 m height of lift
- 15 m/min lifting speed



Hydro Turbine Maintenance

Outstanding precision at enormous lifting height for maintenance of turbines in hydropower plant.

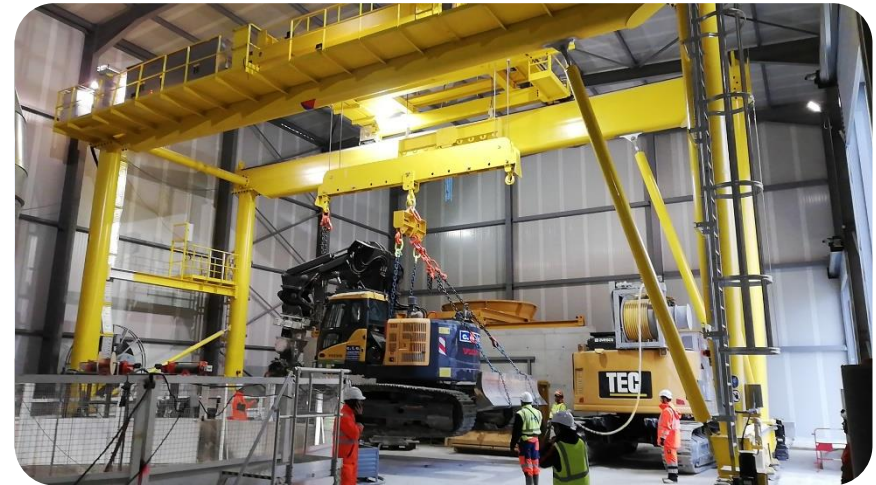
- 125 t double girder overhead crane
- Extremely high precision with super slow speeds
- Suitable for extremely cold ambient temperatures
- Additional chain hoist underneath one of the girders
- 12,50 m span
- 95 m height of lift
- 2 m/min lifting speed



High-performance Gantry Crane

very high lifting speed and height to support tunnel construction work at the large-scale research facility CERN.

- 15/50 t double girder overhead crane
- Tandem control for hoists
- *SpeedPlus* increases lifting speed with decreasing load for shorter process times and economically more efficient workflows
- 17 m span
- 80 m height of lift
- 80 m/min lifting speed of 15t main hoist





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

We are always at your service.