

# SAFE

**This user information presents a general review regarding the application of cranes and does not substitute the existing operating instructions for specific products!**

**Lifting and slewing operations may be carried out by competent users (trained in theory and practice) only. When operated correctly, our cranes will offer the highest degree of safety in line with long life expectancy and avoid damage to products and people.**

Yalesystems cranes are manufactured in accordance with the machinery directive 2006/42/EC and the latest DIN 15018 H2 B2 (gantry cranes H2 B3) and correspond to the VDE regulations.

All components are mechanically shot blast, then primed and coated with RAL 1023 (yellow) paint, D.F.T. approx. 60 micron.

## Modification of delivery condition

Design and finish of the cranes may not be modified by e.g. installation of outside supplied parts, bending, welding, grinding, removal of parts, added bores, removal of safety devices like locking mechanisms, locking pins, safety latches etc.

## Limitations of operation

### Temperature

Cranes may normally be operated at ambient temperatures between -10 °C up to +50 °C. These values are approximate and may deviate from the specific givings of the product concerned. The accurate data are given in the current operating instructions.

### Chemicals

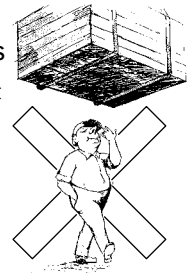
Cranes may not be operated without hesitation in the area of chemicals or chemical vapours – consult our specialists for advice. Cranes which have been subject to chemicals or vapours must be taken out of service and inspected by us.

## Transport of people

Transport of people with cranes is generally forbidden!

## Operation in danger zones

Lifting or transport of loads must be avoided while personnel are in the danger zone. People are not allowed to pass over or under a suspended load.



## Electrical hazards

Please consult the specific operating instructions for possible electrical hazards. Electrical connections may only be performed by authorized persons resp. companies!

## Maintenance and repair

To ensure safe operation, all cranes must be subjected to regular inspections according to the maintenance instructions given by the manufacturer. For legal obligations refer to DGUV Vorschrift 52 (BGV D6).

Depending on the frequency and impact of applications, the crane has to be maintained, at least once per year or in case of obvious damages, by competent persons resp. inspectors.

Repairs and inspections may only be carried out by competent persons resp. inspectors who use original spare parts. Repairs and inspections must be recorded consecutively.

## Inspections

The contractor has to make sure that powered cranes are inspected prior to initial operation and after significant modifications by a competent person. This is also applicable for hand operated cranes with a capacity of more than 1000 kg.

For cranes according to § 3a para. 3 DGUV Vorschrift 52 (BGV D6) the inspection before initial operation consists of advance survey, inspection of building and quality acceptance.

The inspection prior to initial operation is not required for cranes, which are delivered ready-to-use and with certificate of a type approval or EC declaration of conformity.

## INFO

For information on training please see page 4.

Technical questionnaire to identify the suitable crane system

Company: \_\_\_\_\_

Date: \_\_\_\_\_

Contact: \_\_\_\_\_

e-Mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

- Wall-mounted jib crane
- Floor-mounted jib crane
- For outdoor use

- Gantry crane

Capacity (max.) \_\_\_\_\_ kg  
 Slewing range \_\_\_\_\_  
 Boom length A \_\_\_\_\_ mm  
 Boom clearance UK \_\_\_\_\_ mm  
 or: ceiling clearance H \_\_\_\_\_ mm  
 or: overall height B \_\_\_\_\_ mm  
 or: highest hook position \_\_\_\_\_ mm

Capacity (max.) \_\_\_\_\_ kg  
 Gantry width – inside – a \_\_\_\_\_ mm  
 Gantry width – outside – A \_\_\_\_\_ mm  
 Beam clearance UK \_\_\_\_\_ mm  
 or: ceiling clearance H \_\_\_\_\_ mm  
 or: overall height B \_\_\_\_\_ mm  
 or: highest hook position \_\_\_\_\_ mm

**Accessories**

- Increased paint thickness
- Hot-dip galvanizing
- Boom locks
- Slewing range stoppers
- Electrically driven slewing gear
- Slewing brake, recommended for outdoor cranes and/or booms > 5 m

**Accessories**

- Increased paint thickness
- Hot-dip galvanizing

**Power supply**

- Round cable for booms ≤ 4.5 m
- Festooned cable, recommended for booms > 4.5 m
- Suspended control

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- Round cable for booms ≤ 4.5 m
- Festooned cable, recommended for booms > 4.5 m
- Suspended control

**Mounting for wall-mounted jib crane**

- Threaded rods/anchor bolts
- Pillar embracing

**Mounting for floor-mounted jib crane**

- Anchors and template
- Standard base plate (welded) incl. anchors/rawplug
- Dowel base plate (bolted) incl. anchors/rawplug

**Hoists**

- Manual hoists
- Electric chain hoist (single speed)
- Electric chain hoist (2 speeds)

**Trolleys**

- With push trolley
- With geared trolley
- With electric trolley (single speed)
- With electric trolley (2 speeds)