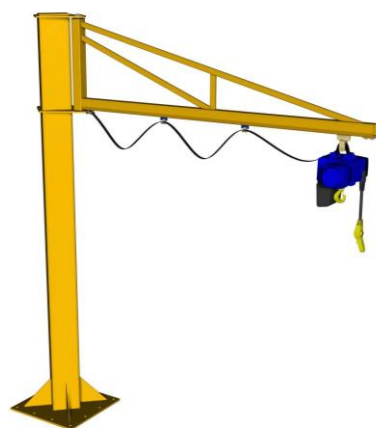


YOUR LES®

QUICK GUIDE

TO

FREE STANDING JIB CRANES



Freestanding jib cranes are among the most versatile and cost-effective lifting solutions available for workshops, factories, and warehouses. Designed to provide a 180° to 360° rotation range, these cranes allow operators to lift, position, and move loads efficiently within a defined circular area - without the need for existing building support structures. Whether used for repetitive lifting tasks, workstation assistance, or supplementing larger overhead cranes, free standing jib cranes enhance safety, productivity, and ergonomics.

WHAT IS A FREESTANDING JIB CRANE?

A freestanding jib crane is a self-supporting lifting system anchored to a reinforced concrete foundation. The vertical mast supports a horizontal boom (the jib arm), which carries a hoist for lifting and moving materials.

Because the structure is independent, it can be installed virtually anywhere with sufficient floor strength and clearance, offering great flexibility in layout and workflow.

TYPICAL FEATURES INCLUDE

- Rotation up to 360°
- Capacities ranging from 125 kg to 5 tonnes (and beyond)
- Boom lengths up to 10 metres
- Manual or powered slewing options
- Compatibility with electric chain hoists, wire rope hoists, or air hoists

BENEFITS OF USING A FLOOR-MOUNTED JIB

- **Versatility:** Suitable for individual workstations, assembly lines, or shipping areas
- **Space Efficiency:** Requires minimal floor area relative to its coverage radius
- **Improved Safety:** Reduces manual handling and risk of operator injury
- **Productivity Boost:** Enables quick, controlled lifting for repetitive or precision tasks
- **Independence:** No reliance on building columns or roof structures

“Enhanced ergonomic lifting systems can deliver around 25-30% productivity increases”

KEY CONSIDERATIONS BEFORE PURCHASING

Before investing in a free-standing jib crane, it's important to evaluate your operational needs and site conditions.

Consider the following:

- **Load Capacity:** Identify the maximum weight and frequency of lifts. Always choose a crane rated for slightly higher loads to ensure safety and longevity.
- **Slewing Range:** Decide whether a full 360° rotation is necessary or if a restricted arc would suit your layout.
- **Height and Reach:** Confirm the required under-boom height and working radius for your application.
- **Foundation Requirements:** These cranes typically need a reinforced concrete base. Consult a structural engineer or your crane supplier for exact specifications.
- **Power Supply:** Determine if you need electric rotation or hoisting, and ensure suitable power access is available.
- **Compliance:** Ensure the crane meets relevant standards (e.g., BS EN, LOLER, or other regional regulations).

INSTALLATION ADVICE

Proper installation is essential for performance and safety.

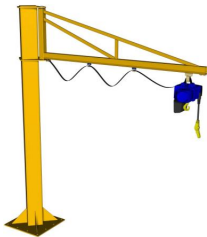
- **Site Preparation:** Verify the floor area is clear, level, and capable of supporting the crane's foundation.
- **Foundation Construction:** A dedicated concrete foundation with anchor bolts set precisely to the manufacturer's drawings is crucial.
- **Assembly:** Use qualified engineers or certified crane installers. Components such as the mast, jib arm, and hoist should be assembled and aligned per the manufacturer's guidelines.
- **Testing:** Conduct load testing and commissioning checks before use to ensure compliance and safe operation.

MAINTENANCE & SAFETY TIPS

Regular maintenance helps extend the life of your crane and ensures ongoing safety.

- **Routine Inspections:** Check bolts, bearings, and welds for wear or damage.
- **Lubrication:** Keep slewing mechanisms and bearings properly lubricated.
- **Hoist Care:** Follow the hoist manufacturer's maintenance schedule for chains, ropes, and limit switches.
- **Annual Examinations:** Have the crane thoroughly inspected and certified by a competent person in accordance with statutory regulations.
- **Operator Training:** Ensure users understand the crane's safe working load (SWL) and operating limits.

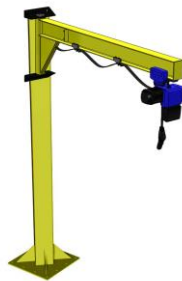
OUR MOST POPULAR FLOOR-MOUNTED JIBS



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SUMMARY

Free standing jib cranes provide a reliable, flexible lifting solution that improves workflow efficiency across a wide range of industries. By carefully considering capacity, layout, and compliance during selection - and maintaining the equipment properly -you can achieve years of safe, dependable service.

For more information or to discuss the best jib crane for your facility, contact our team for expert advice and tailored recommendations.

PLEASE NOTE: Prices are subject to change since the time of guide creation