

# JIB CRANES

## AT A GLANCE

### WHAT IS A JIB CRANE?

Jibs are a smaller type of overhead crane that can be used indoors or outdoors. They do not utilize a runway or track system as they are permanently attached to the ground or nearby structure. They are used to lift and move objects along a circumference of up to 360°.

### TYPES

Jib cranes can be freestanding or column or wall-mounted. Freestanding jib cranes usually require some sort of foundation to remain supported - typically made from concrete. Wall-mounted jib cranes are mounted in two different ways: cantilever or tie-rod supported. Freestanding jib cranes can rotate up to 360°, while a wall/column mounted jib crane can rotate up to 200°.

Articulating jib cranes, which can be freestanding or mounted, have two swivel arms to lift loads around corners or obstacles.

### COMPONENTS

These cranes consist of one mast (built into the ground or supporting column) and a single boom and hoist extending from the top of the mast. This allows the crane to lift items and rotate around the base.

### APPLICATIONS

These cranes lift rather light loads and usually serve a specific, repetitive function. They can be used outdoors at marinas or loading docks, and indoors for machining and assembly operations where multiple jibs can be used in conjunction for staged operation.



*Freestanding Jib*



*Wall-mounted Cantilever Jib*



*Articulating Jib*



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