# Ingersoll Rand

# Jib Cranes
## Zimmerman Simplified

# Floor-mounted Jib Crane

The Ingersoll Rand Jib Crane is the solution for all your ergonomic handling needs. Standard flange I-Beam and Enclosed Track Rail provide rugged reliability for every application. These jibs are designed to meet or exceed the AISC Steel Construction Manual, ANSI B30.11, and ANSI MH27.2.

These new Jibs carry capacity ratings that are conveniently aligned with standard metric ton hoist capacity points; 1/8t, 1/4t, and 1/2t. The capacity rating on each jib INCLUDES THE WEIGHT OF THE HOIST OR LIFTING DEVICE, so a 550# capacity jib can be directly pared with a 1/4t capacity hoist.

**Design** — No tie-rod, it is ideally suited to applications with low ceilings and/or overhead obstructions.

**Support** — Both air balancer and hoist applications

JIB and Rail
ZF350-1012A2

**User Interface** — Jib cranes with rail option use precision Ingersoll Rand Enclosed Track rail for the boom, resulting in an ergonomic, lightweight boom with best-in-class rolling resistance

**Ergonomic** — High impact, durable polymer roller wheel design provides smooth and easy rotation

**Cost Effective** — Jib cranes are an inexpensive solution for short transfer applications

BOOM

HEIGHT

UNDER CLEARANCE

## I-Beam Support

| Model | Capacity (lbs) | Under Clearance (In.) | Boom Length (In.) | Column Diameter (In.) | Weight (lbs) | Height (In.) |
|---|---|---|---|---|---|---|
| ZF275-1010 | 275 | 128.9" | 122.0" | 6 5/8" | 535 | 133.9" |
| ZF550-1212 | 550 | 146.9" | 146.5" | 10 3/4" | 1,090 | 154.9" |
| ZF1100-1212 | 1,100 | 146.9" | 146.5" | 12 3/4" | 1,590 | 158.9" |

## Aluminum (A2) Rail Support

| Model | Capacity (lbs) | Under Clearance (In.) | Boom Length (In.) | Column Diameter (In.) | Weight (lbs) | Height (In.) |
|---|---|---|---|---|---|---|
| ZF350-1012A2* | 350 | 120.4" | 144.0" | 6 5/8" | 630 | 133.9" |

*NOTE: The jib is the same as the ZF275, it is the addition of a 12' stick of A2 that makes the boom 144" and the u.c. 8.5" lower

# Accessories

Ingersoll Rand pioneered the development of powered lifting, balancing, and handling equipment. WE ARE the world leader in ergonomic, in-process, manual assist, and pick and place solutions. WE ARE your answer for all your material handling needs.

Ingersoll Rand's line of standard handling devices offers proven solutions for many of the more common handling applications. Each of these handling devices provides superior ergonomics and is designed for the interaction of man and machine.

*Air Balancer*

*InteLIFT*

*CLK Air Hoist*

*MLK Air Hoist*

*Quantum Electric Hoist*

**Air Balancers** allow users to not only lift the load but also "float" the load, allowing for precise manual movement and placement without the "jogging" required with traditional hoists.

**Intelligent Lifting Devices** remove the need for up and down controls by sensing user force input and translating it to precise vertical motion.

**Air Hoists** remove the need for up and down controls by sensing user force input and translating it to precise vertical motion.
- CLK Series Air Chain Hoist is rugged, lightweight with a compact design.
- MLK Series are ideal for high production cycle operations with high speeds and precise spotting.

**Electric Hoists** boast an impressive design with a focus on safety, performance and reliability.
- Quantum Series Electric Chain

## Standard Handling Devices

| Model | Description |
|---|---|
| ZV1S | 1-Cup handling device |
| ZV1ST | 1-Cup handling device with tilt |
| ZV4S | 4-Cup handling device |
| ZC2S | Standard clamp device |

*PT005-8*

*BC-1*

| Model | Description |
|---|---|
| ZHS90027 | 3/8" Air Supply Package |
| ZHS90028 | 1/2" Air Supply Package |
| ZFSTOP-6 | Rotational Stop 6" |
| ZFSTOP-10 | Rotational Stop 10" |
| ZFSTOP-12 | Rotational Stop 12" |
| PT005-8 | I-Beam Trolley |
| BC-1 | Beam Clamp |

Ingersoll Rand is a proud member of the following organizations:

**HMI** HOIST MANUFACTURERS INSTITUTE

**ISA** INDUSTRIAL SUPPLY ASSOCIATION

**MATERIAL HANDLING INDUSTRY** OF AMERICA®

**MONORAIL Manufacturers® Association** Workstation Cranes & Patented Track Systems

**ISO 9001 CERTIFIED**

**E.A.S.E.** Ergonomic Assist Systems and Equipment
A Product Council of Material Handling Industry

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