



SIX REASONS to buy a crane kit from Hoosier Crane

1 **FREE** phone and email support from our engineering staff. We're here to answer questions on the crane kit assembly and installation. Our engineering staff members have built many crane kits and they have the experience and know-how to help you get your crane up and running.



2 **The Hoosier Crane Help Manual.** We've developed 18 pages of helpful hints based on our years of experience in building crane kits. The manual answers common questions and will save you building time. It's free to all Hoosier Crane crane kit customers.

Excerpts from the Hoosier Crane Help Manual

Hoist

Note: RBM Assembly Instructions indicate that the festoon should be attached before the hoist is mounted. We mount the hoist first because it's easier to make accurate allowance measurements for the festoon with the hoist in place.

1 Remove plastic covering from hoist and detach from shipping pallet.

2 The hoist is adjustable to accommodate different girder flange widths. It is shipped in a closed position and the two sections must be pulled apart before positioning the hoist on the girder. Lift the hoist with a crane and then loosen the locking screws of the adjusting bar on the electric cabinet side. Hoist loosens the fixing parts on the drum-side of the hoist trolley.

3 Pull apart two sections of the hoist on the adjusting bar. Adjust the distance between the travel wheels so that it is slightly under than the beam flange for installation.

4 Lower hoist onto forklift and remove crane hook. Raise the hoist to the girder.

5 Adjust the width until there is a gap of 1/2" to 3/4" between the flange of the travel wheels and the flange of the beam. The space between wheels and girder should be equal on both sides. This space will provide smooth wheel travel and reduce wheel wear. Refer to RBM's Complete Assembly Instructions for specific hoist installation requirements.

6 Tighten the locking screws of the adjusting bar.

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Festoon

8 For safety reasons, trim the ends of the supporting arms on the motor and drum side of the hoist. It's very easy, and dangerous, to run into an extended supporting arm while working on the electrical bridge panel.

9 Slide pendant plug trolley (optional) in the outer rail and slide festoon cables.

10 Attach the end clamp trolley.

11 Plug cable X222 into bridge traveling machinery. Slide the heat shrink sleeve to the end of the hoist motor conduct cable.

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Bridge Panel

Note: There must be a minimum of a 3-inch clearance between bridge panel top and roof of building. However, please make judgment based on your roof. We have seen an instance where heavy cranes pushed down a building's roof more than 3-inches until it rested on the bridge panel and stopped the crane.

1 Set out the bridge panel brackets. Photographed are the left, center and right brackets.

2 Attach brackets into pre-drilled holes on bridge panel with provided washers, nuts and screws.

3 Final bracket assembly.

4 Cable way extensions have two attachment options to allow clearance between bridge panel and hoist. Place between first and second support arms. The bridge panel must clear the hoist by at least 3 inches. Attach with beam clips.

5 Attach cable way extension to c-rail with track support bracket.

6 Attach bridge panel brackets to cable way extension.

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3

Optional equipment at best pricing. We carry:

- Remote radio control systems
- Below-the-hook lifting devices including vacuum lifters, spreader beams, magnets, chain slings, nylon slings
- and much, much more

4

Save up to 50% on the price of a Spare Parts Package.

Order a spare parts package when you order your crane kit and save up to 50% on the parts. Plus, you'll appreciate the convenience of having the parts in your inventory when you need them. Call us for a quote at 1-800-509-6131 or 574-523-2945.



Authorized Dealer

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Installation supervision available. You supply the manpower; we'll supply a supervisor to help your crew get the crane assembled and installed as smoothly as possible. Call us for a quote at 1-800-509-6131 or 574-523-2945.

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Satisfied customers. These are comments from a few of our crane kit customers.

"Precision Welding & Fabrication, Inc. is very pleased with the quality of our two recently purchased three ton overhead bridge cranes. The electrician that did the electrical connection to the cranes said that the electrical components are of very good quality. We had a couple of questions during the purchasing phase as well as during the assembly. These were answered very promptly by your service staff. If we have need of any more cranes, we would certainly do business with Hoosier Crane again."

Dave Sermuks
President

Precision Fabrication & Welding in Portland, Oregon

"We have purchased several crane kits from Hoosier Crane and have always received very good service from the company. I especially appreciate the rapid, complete quotes and the engineering assistance."

Mike Druesdow
Maintenance Planner

Plum Creek Timberlands in Columbia Falls, Montana

"My son and I purchased a small two ton crane kit from Hoosier Crane. We had no experience at this type of installation — we are welder/fabricators. The unit was on time, compact, easy-to-install, and works great. We only had two questions during installation and the 24-hour service group answered both of them in minutes... at 11:00 at night. Great service, great crane, happy customers."

Ed Silchenstedt
Owner

Rockport Welding and Fabrication in Rockport, Texas

THANK YOU

for the opportunity to quote on a crane kit



We look forward to working with you — The Hoosier Crane staff