Access Requirements

To access the Crane Estimator you will need to be a Yale or Shaw-Box distributor (a ‘J’ customer number) and you will need to have a distributor web login. If you already access the distributor web to check on orders or pricing and if you have a ‘J’ customer number associated with your login, then you are all set and you can use this direct link to the login screen https://distributor.cmworks.com.

If you do not have a login click on this direct link http://www.cmworks.com/login.aspx or copy and paste it into the address window of your web browser and select ‘GO’. Fill in the information requested, be sure to include your ‘J’ customer account number at the bottom then click ‘Submit Request’. Please note that your Username and password are Case Sensitive. Within 48 hours you will receive an email from Columbus McKinnon that your username has been activated.

Range of Component Values

The Crane Estimating software will estimate the following crane and hoist variations, when values are input keep in mind the acceptable range of values listed below for each component:

**SINGLE GIRDER**

Crane Components:
- Single girder top-running
- Integrated Rotating Axle Trucks to 15 Tons
- 60’ max span
- Bridge control is VFC

Hoists and Trolleys:
- Yale electric chain hoists
  - 1, 2 or 3 Ton capacities
  - 20’ maximum lift
  - Hoist & Trolley controls available in 1 or 2-speed
- Yale Y80 or Shaw-Box 800 Series wire rope hoists
  - 1 Ton with max lift of 25’
  - 2 Ton with max lift of 20’
  - 3 Ton with max lift of 30’
  - Hoist & Trolley controls available in 1 or 2-speed
- Shaw-Box World Series (FEM) hoists
  - 2 and 3 Ton, 20/5 fpm, max lift 40’
  - 5, 7.5, 10 and 15 Ton, 20/5 fpm, max lift 40’
  - Hoist & Trolley controls 2-speed standard

**DOUBLE GIRDER**

Crane Components:
- Double girder top-running
- Integrated Rotating Axle Trucks to 20 Tons
- 60’ max span
- Bridge control is VFC

Top Running Trolley/Hoists:
- Shaw-Box World Series (FEM) hoists
  - 5 Ton, 20/5 fpm, max lift 40’
  - 7.5 and 10 Ton, 20/5 fpm, max lift of 40’
  - 15 Ton, 18/4.5 fpm, max lift of 40’
  - 20 Ton, 18/4.5 fpm, max lift of 26’
  - Hoist & Trolley controls 2-speed standard

**NOTE:** All Tons are US Tons

Important Comments

1. Do NOT use this ‘BACK’ button
2. Stay within the parameter ranges listed above
3. Response emails may take longer depending on your server – it’s quicker to send emails to your personal email address
4. When purchasing a Crane Estimate Crane Kit you need to fax in either ‘a’ or ‘b’ listed with your order
   a. The printed web pages - reference item 15 on page 5
   b. The submitted proposal/quote that was emailed to you - reference items 17 thru 19 on page 6
CRANE ESTIMATOR INSTRUCTIONS

1. To get started you would hold down your Ctrl key and click on this direct link https://distributor.cmworks.com to the Distributor login screen or type the address into your browser window.

2. When the Login window appears you would type in the following information (it is case sensitive)
   a. user name:
   b. password:
   c. select OK

3. OR - You can access the Distributor web from www.YaleShawBox.com website by clicking on ‘Distributor Web’ (the last bullet item on the left side), when this screen appears click on the Login button. When the login window appears follow instruction in #2 above

4. When the Distributor web screen appears, move your mouse-pointer over ‘Pricing Tools’ a sub menu will appear click on ‘Crane Estimator’

5. Once in the Estimator the first screen will show three pull-downs, you will select the following
   a. Division - Select ‘Lift-Tech International’
   b. Customer - You would select your “J” customer number
   c. Location - this pull down will be skipped if you do not have branch locations
6. Load an existing estimate - For previously submitted estimates / quotes within a 120 date range - use the pull down arrow to view previous estimate / quotes. Note: quotes done prior to this release will not be visible and cannot be reloaded.

7. The next screen will be additional preliminary information. Only items with an asterisk need to be filled in
   a. Proposed Date - Default is the current date but the date can be changed
   b. Customer Name - Input YOUR customer name (optional)
   c. Application - Description of the application (optional)
   d. Quote No - Enter whatever quote numbering system your company uses
   e. System Type - Click on the arrow and select either ‘Double Girder Top Running’ ‘Single Girder Top Running’
   f. Drawing Format - select the format you need (if you select Autocad another pull down will appear for you to select the version of Autocad)
   g. Wait for process then select ‘Continue Estimate’ (you might have to scroll down a little to see the ‘Continue Estimate’ button)

8. This is the Technical data screen - be sure to input information or make selection in order because your choices or answers will bring in the next selections or options. You can use your TAB key to get to the entry boxes.
   a. Capacity - selected from pull down list
   b. Span - input your span or desired span (input feet and inches, fraction of inches in decimal form. i.e. 3 ½” would be 3.5)
   c. Building Dimensions - Select one of the following and fill in information
      1) ‘Building dimensions known’ - default selection
      2) ‘Floor to Nearest Overhead Obstruction’
      3) ‘No building dimensions known’
   d. Pit - fill in pit depth, if applicable
   e. When done click on ‘Continue’

You can edit information in the top section above the ‘Runway Rail Size’, even after you have proceeded to the bottom section, but you MUST be sure to select the ‘Continue’ button again before proceeding into the bottom section again.

9. In the Bottom section starting with ‘Runway Rail Size’ be sure to make selections in order (do not skip around) use the pull down arrow to see choices. (Some items may have only one choice)

When all selections are chosen, if you want to add options select the ‘Add Options’ button

If options are not needed select the ‘Continue Estimate’
10. Note: For a Double Girder system there are two additional pull downs ‘Gage’ and ‘Trolley Rail’

When all selections are chosen, if you want to add options select the ‘Add Options’ button

If options are not needed select the ‘Continue Estimate’

11. Option Page – options that are available for each component for either system, Single Girder or Double Girder, will be visible for selection. Use the down arrows to view choices and click on the selection needed

When complete select the ‘Done’ button
12. The next screen lists the system components based on the data input or selected in items 8-11 above. The first line of information is the net price and weight.

13. Below the Price and weight starts the listing of components with their default or selected attributes or values.

14. Each component associated with the Crane Kit will be listed in this order.
   a. Hoist
   b. Trolley – if applicable
   c. Hoist Control – if applicable
   d. Bridge Kit
   e. End Truck

15. You can print this web screen for your records but you will not receive a drawing. It is recommended that you submit the estimate by clicking on the ‘SUBMIT ESTIMATE’ button. You will then receive this information in a similar cleaned up format plus a drawing via email – see items 17 thru 19 below.
16. If you are **NOT SATISFIED** with the results of your selections and you want to make modifications to the estimate or options, click either ‘MODIFY ESTIMATE’ or ‘MODIFY OPTIONS’ button

17. If you are **SATISFIED** with the results of your selections and options, then check to be sure your ‘Email Address’ is correct and then select the ‘SUBMIT ESTIMATE’ button

**IMPORTANT:** The Printed screen or the emailed proposal / quote needs to be sent in with your fax when you order any Crane Kit using the Crane Estimator. This will give Customer Service a list of all the components plus the price.

18. When you select ‘SUBMIT ESTIMATE’ this screen will appear and it will display your ‘Web Estimate Number’.

19. You will receive an email shortly referencing this number with two attached files your Technical Summary / Price Proposal and your drawing. The ‘Web Estimate Number’ and your quote number will be listed in the ‘Load an existing estimate’ which was discussed in item #6 above.

20. When submitting a ‘Crane Estimated’ order to Customer Service be sure to include the Estimate number and the Proposal that is emailed to you. This is very helpful to customer service when inputting your order to ensure everything that was quoted in the crane estimator is included in your order.