

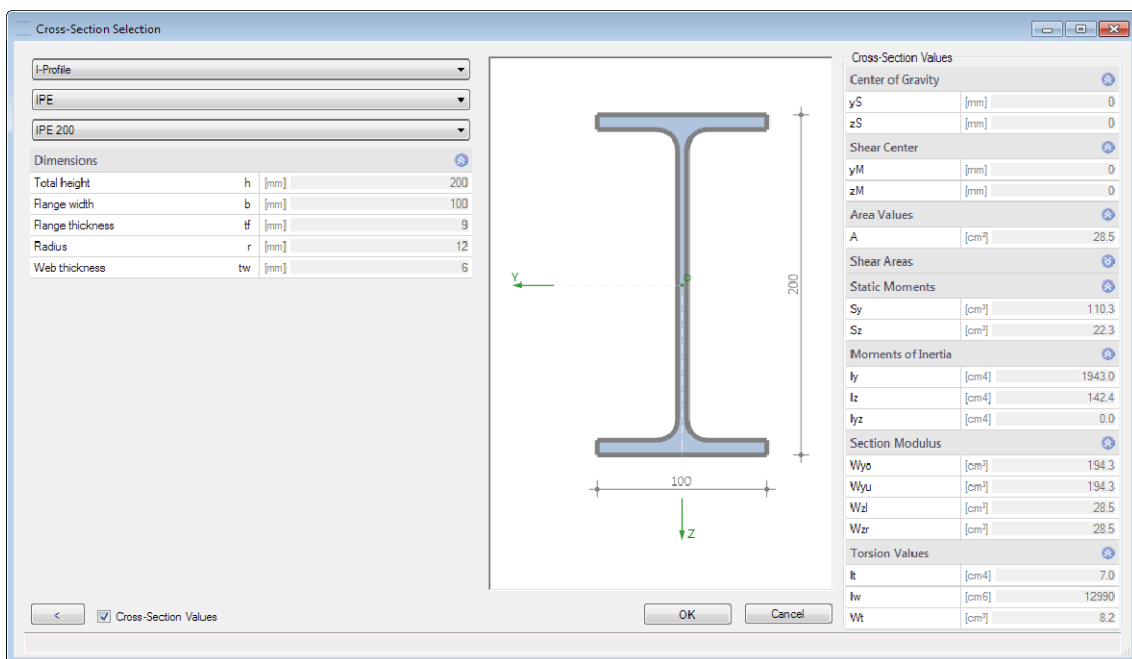
Select/Edit Cross Section

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As of 10/12/2018



Select/Edit Cross Section

Contents

Select / define cross-section	3
User defined	3
Automatical import of user defined cross sections	3
Composite cross sections	4
Context menu	4

Note on the units / dimensions

The units in the cross section selection are defined in the respective program via File - Program options - "Configure units".

Select / define cross-section

This dialog will be used in several FRILO-PLUS-steel-programs in an adjusted version.

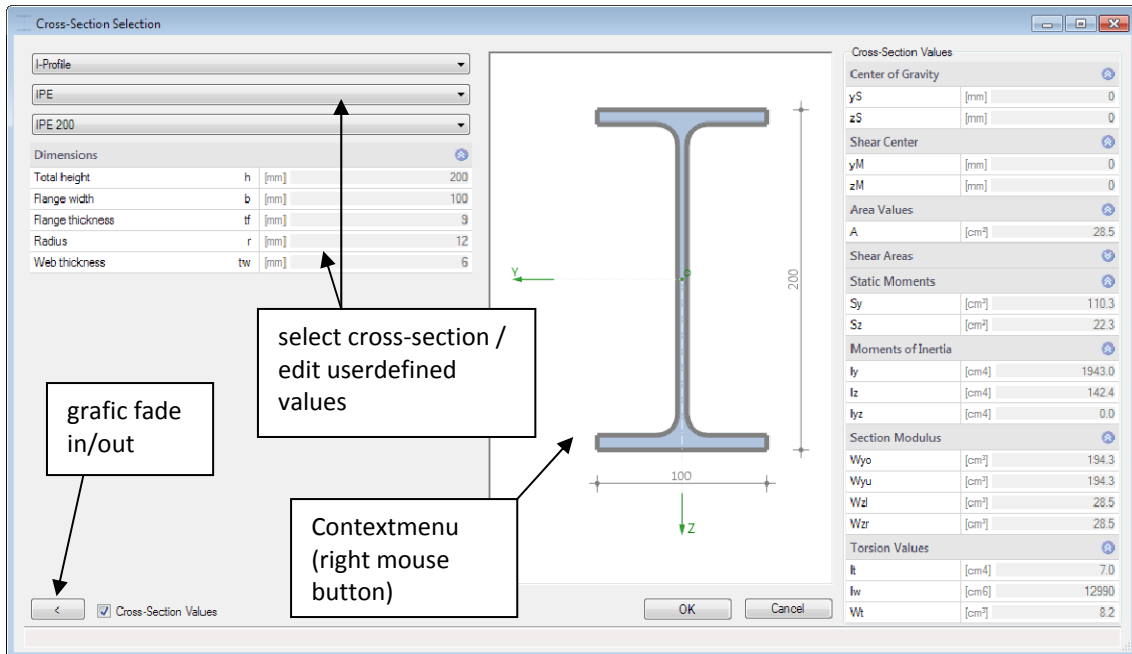


Abb: Cross section dialog FWS+

In the left window-area choose one of the available cross sections

- I-Profile etc.
- Cross series like IPE/HEA etc. or user defined values (dimensions and options are displayed)
- specific cross section

The cross-section can also be a composite of several cross sections - depending on the program.

User defined

When you select a user defined cross-section the currently selected cross-section is copied and released for processing. An individual name for this section can subsequently be assigned and the dimensions of the profile can be entered.

Note that no name can be duplicated. In this case a (*) will be appended.

Dimensions			
Name	My cross section 200x100		
Welded			<input checked="" type="checkbox"/>
Total height	h	[mm]	200
Flange width	b	[mm]	100
Flange thickness	tf	[mm]	9
Weld seam		[mm]	2.0
Web thickness	tw	[mm]	6

Automatical import of user defined cross sections

When opening an external item with a cross section which is not saved in your current database, it will be automatically imported.

Composite cross sections

Composite cross-sections such as an I-profile with welded corners can be defined e.g. in the program Crane Runway Girder.

The total cross section results from the composition of the individual partial cross sections.

Options

Specific requirements for a composite cross-section are defined here. With a crane runway girder for example, welds and notched cases can be defined.

Context menu

Click the right mouse button into a void graphic region or directly on the cross section diagram to display its affiliated context menu.

Layout/Views

Various display options. You can save the image as a file.

Visibility

You can display or hide the various representations.

Tips:

Double-clicking directly on the cross section or a partial cross section displays its Properties dialog box.

