



# **Truss+ 2010**

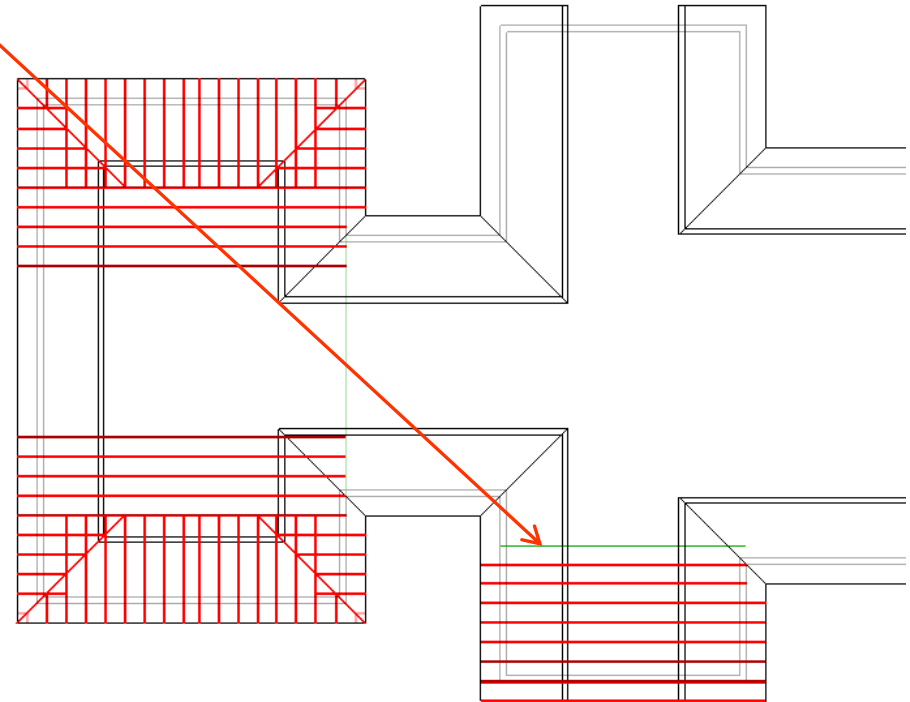
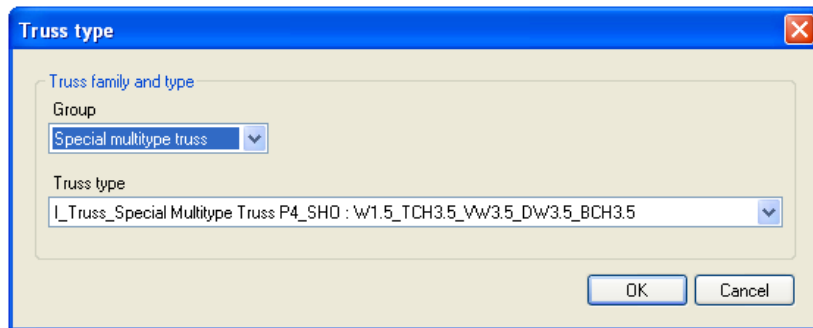
## **Insert Truss by Selected Model Line**

**Special Multitype Truss**



# Insert Truss by Selected Model Line

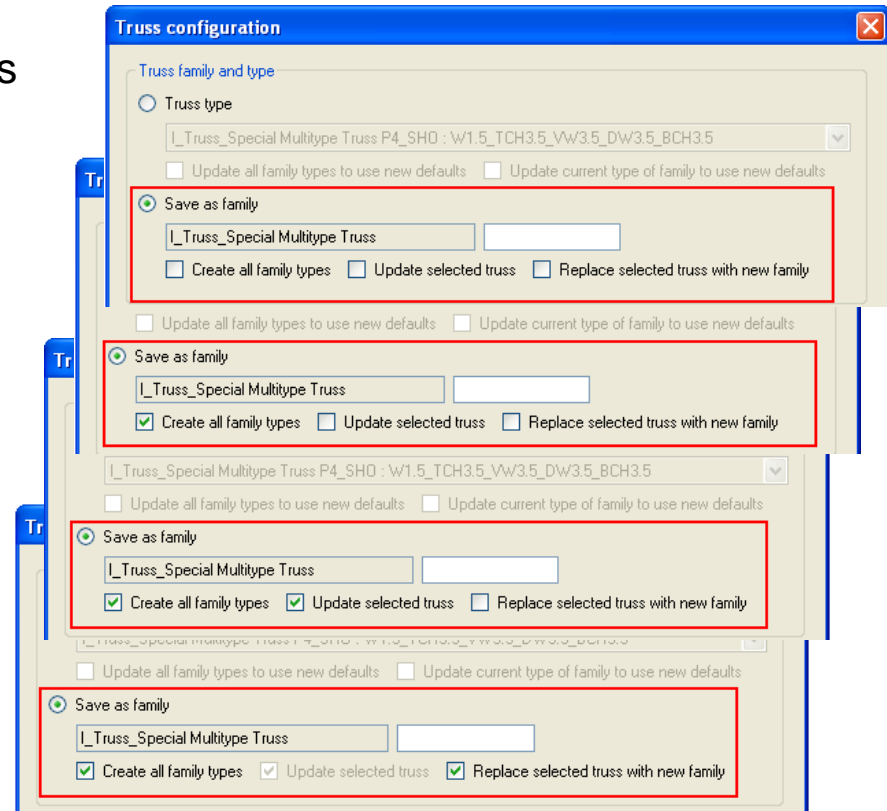
- Select Model Line
- Choose the *Insert Truss by Selected Model line* function from “Truss+” menu.
- Pick *Special multitype truss* in the “Truss type” dialog.



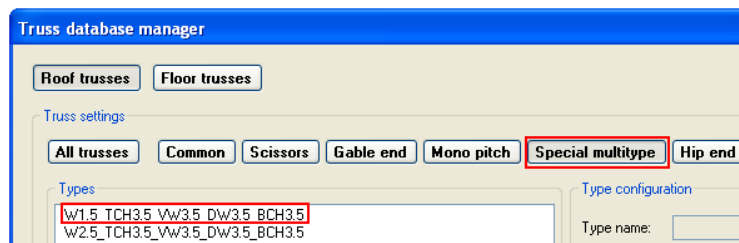
**NOTE:** Start point of Model line will be the start point of Truss and End point of Model line - the end point of Truss.

# Insert Truss by Selected Model Line

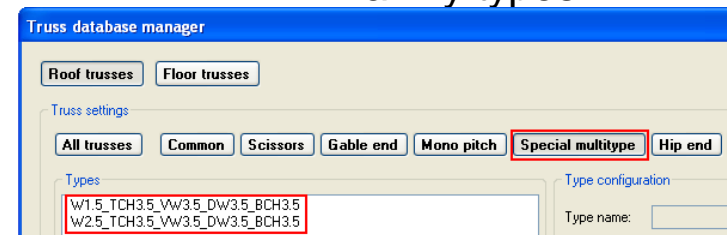
- Create a new family additionally (one type, as selected one) without updating selected one.
- Create **all Special Multitype truss new family types** (all Truss types created by Database manager) without updating selected one.
- Create new **Special Multitype truss family types** and update instance parameters of **selected truss**.
- Create new **Special Multitype truss family types** and replace **selected truss** with a new family.



Current type of family

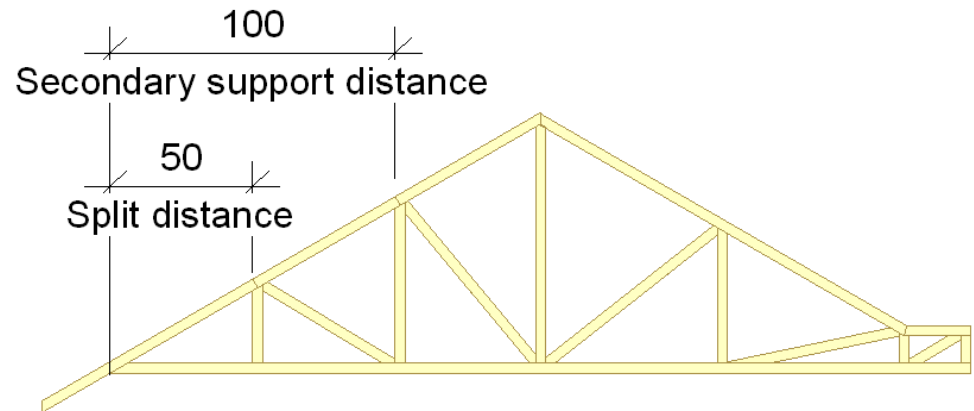
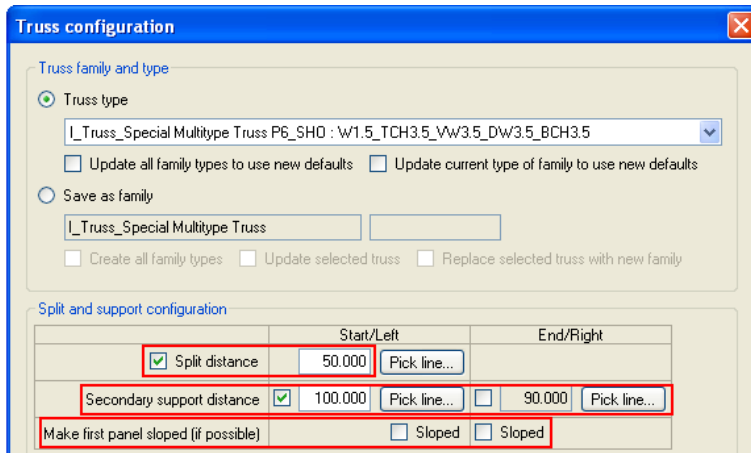


All family types

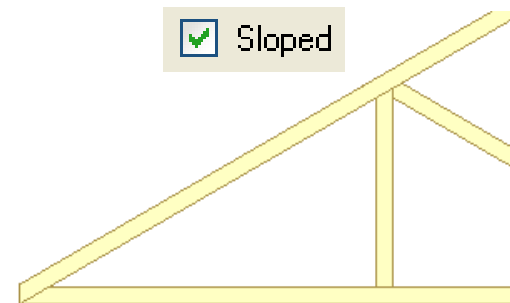
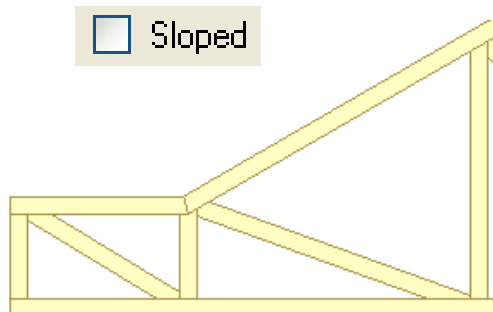


# Insert Truss by Selected Model Line

- You can set Split distance or Secondary support distance. You can *Pick line* (Model line), showing the distance or switch On check boxes and add these values manually. After you made some changes you have to run the *Recalculate configuration* option.

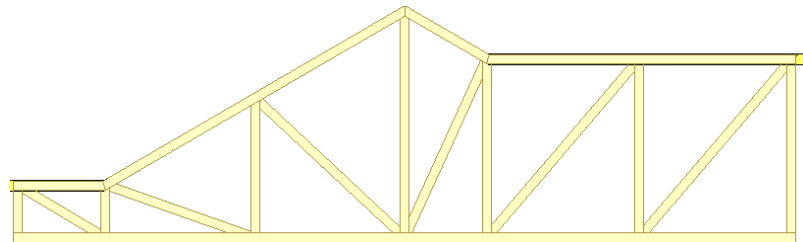
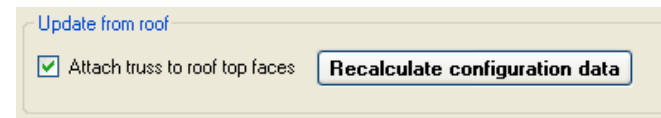
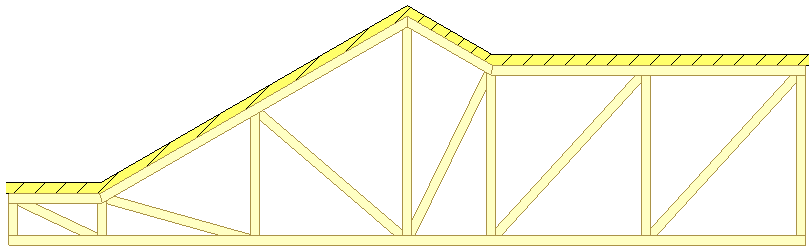
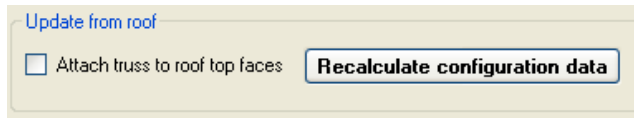


- First panel can be not sloped and sloped if it's possible.



# Insert Truss by Selected Model Line

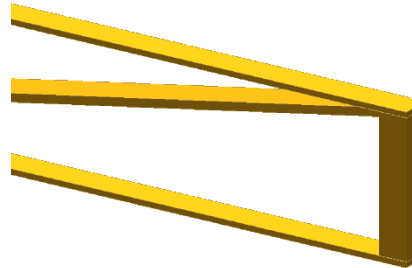
- *Recalculate configuration data* function enables you to recalculate truss configuration relative to the roof geometry. Truss can be attached to the roof top faces or not.
- You have to run this function every time when you have changed anything in Truss configuration dialog.



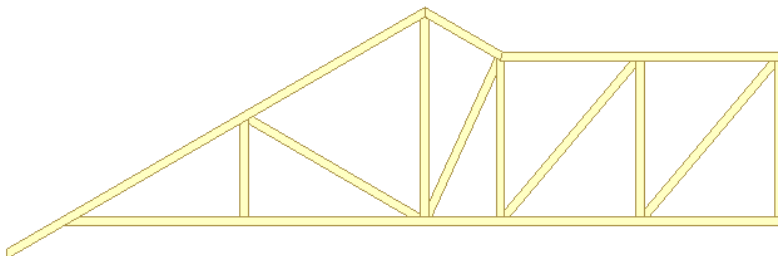
# Insert Truss by Selected Model Line

Under Truss configuration the user can define:

- *Web profiles* for each panel
- *Cut and cut angle*



- *Overhang*. User can define different values of overhang on Start and End points of the truss.

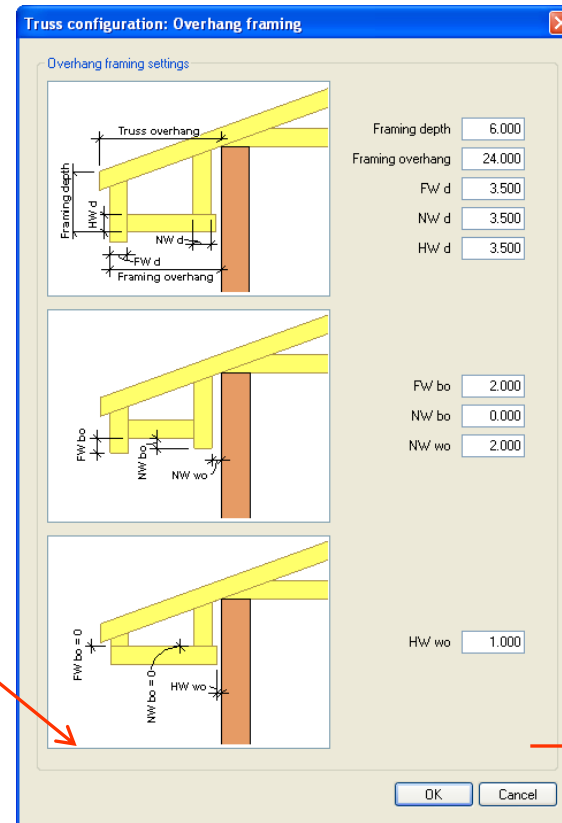
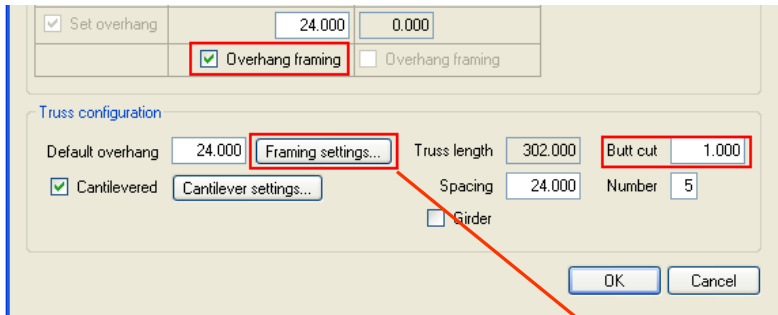
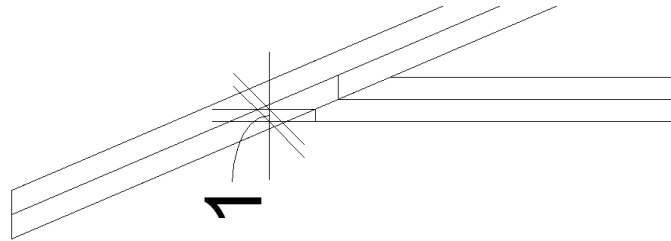


24  
Overhang

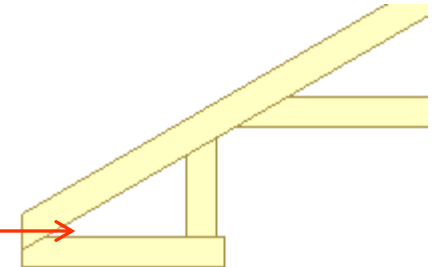
	Start/Left	End/Right
Pitch	30.000	0.000
Web profile 1	Howe	Howe
Web profile 2	Howe	Howe
Heel height	0.000	72.457
Cut and cut angle	0.000	45.000
Set overhang	24.000	0.000

# Insert Truss by Selected Model Line

- *Butt cut* value
- Switch On the *Overhang Framing* check box and define *Overhang framing settings*.



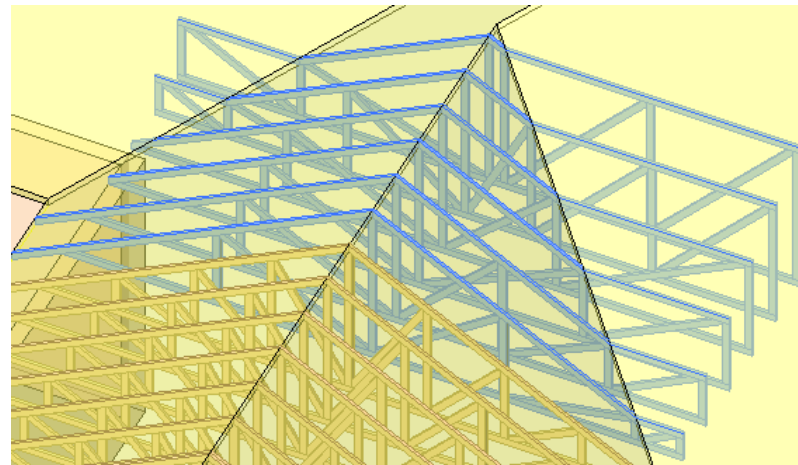
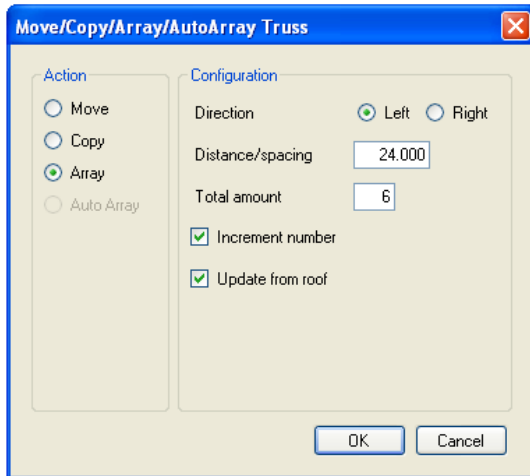
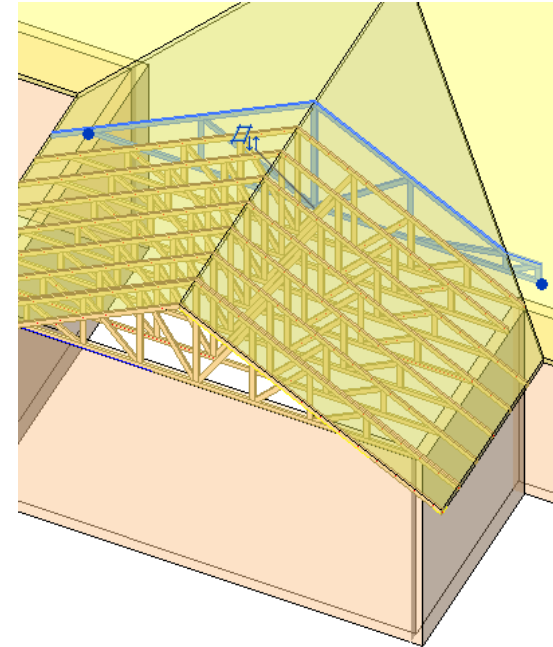
- *Spacing* and *Number* options are described in the next chapter (“Insert Truss by Selected Model Line / Hip end truss”).



# Insert Truss by Selected Model Line

When the truss is inserted by selected model line you can copy or array it using the *Copy/Array/AutoArray* function.

- Select the inserted truss and run the function *Copy/Array/AutoArray*. Do not forget to switch On the *Update from roof* check box, so as to update all new trusses.





# Increase your productivity !



AGA CAD Ltd.  
Zalgirio 112A, LT-09300 Vilnius,  
Lithuania  
Tel. +370 5 2398111  
Fax +370 5 2398113  
Email [info@aga-cad.lt](mailto:info@aga-cad.lt)  
[info@tools4revit.com](mailto:info@tools4revit.com)  
[www.tools4revit.com](http://www.tools4revit.com)