TRUSS+
Insert Truss by Model Line
Insert Truss by Model Line

- Draw Model line in the plan from one wall core to another wall core (or from-to support elements) on correct level (level of wall’s top).
- Start and end points of Model line will also be the start and end points of truss.
- Start and end points must be in correct positions: middle points (center line) of the heel webs.
- Select Model line and run the Insert Truss by Selected Model Line function from “Truss+” menu.
Insert Truss by Model Line

• Choose required truss type from the truss family browser. You can select any opened project before selection.
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- Pick the roof for the first time if software asks, or use the *Set Current Roof* function in the beginning.
- Truss is inserted in correct layer and position.
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- There is no need to draw model lines in every truss location.
- You can use *Copy/Array*... function for truss distribution along the roof.
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• All truss families have a special name and classification.
• Truss families are classified by type and position in roof layout like Common truss, Gable end truss, Scissors truss and so on.
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- All names have a special end like “_1L+1R” or “_2L+2R”. Numbers show how many slopes a truss can have in the left “[XL]” “+” and the right “[XR]” sides of the truss.
- Inserting a truss by Model line, you must know how many slopes a roof has and use the correct truss family.
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- If the roof has more slopes than can be generated by the selected truss family, software shows an error message.
- If all trusses that come with software installation don’t have enough panels or you want to distribute truss webs in other way, please use **T4R Truss Builder**. 
- More about **Truss Builder** - refer to the corresponding Help section “Create Truss Type by Model Lines”.

![Select truss type](image)
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- If the truss is too high at some location you can use *Set Roof Cutting Level*.
- Run this function and select roof cutting level.
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- Select Model line and run *Insert Truss by Model Line* function.
- Inserted truss will be attached to the roof and its cutting level.