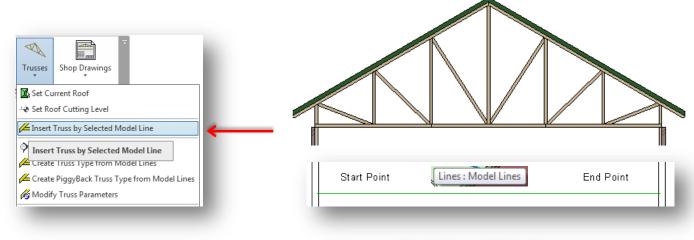
METAL FRAMING TRUSS+ Insert Truss by Model Line



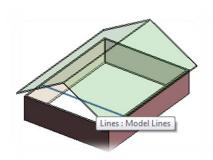
- Draw Model line in the plan from one wall core to another wall core (or from-to support elements) on correct level (levelof wall's top).
- Start and end points of Model line will also be the start and end points of truss.
- Start and end points must be in correct positions: middle points (center line)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





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• Choose required truss type from the truss family browser. You can select any opened project before selection.

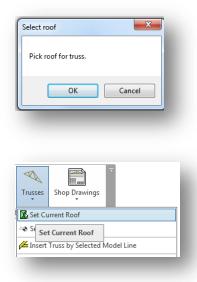


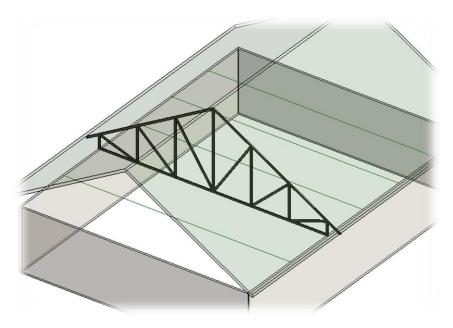
insert truss.rvt 🔹	
Structural Trusse Metal Truss Common Trus Common Co	M_Truss_Common Truss Double Fink_1L+1R: W45_TCH90_WW
Filter by: Family Name	Load Type Open Family OK Cancel



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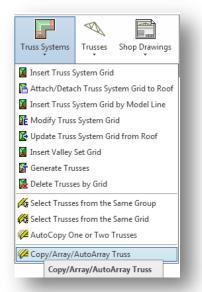
- Pick the roof for the first time if software asks, or use the Set Current Roof function in the beginning.
- Truss is inserted in correct layer and position.



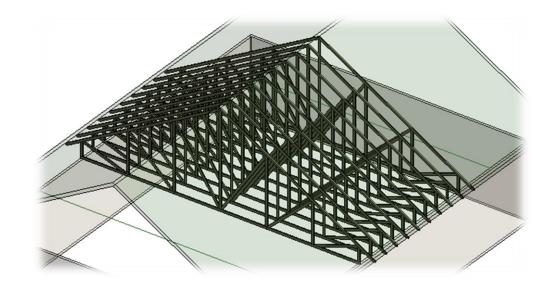




- There is no need to draw model lines in every truss location.
- You can use Copy/Array... function for truss distribution along the roof.







- 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.

Structural Trusses	M_Truss_Common Truss Double Fan_1L+1R: W45_TCH90_VW7 *
Family Name	Load Type Open Family OK Cancel



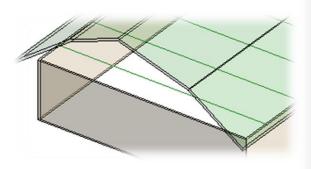
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- All names have a special end like "_1L+1R" or "_2L+2R". Numbers show how many slopes a truss can have in the left "_XL" "+" and the right "XR" sides of the truss.
- Inserting a truss by Model line, you must know how many slopes a roof has and use the correct truss family.

elect truss type. Length of model line = 36.00				
Metric Truss RT 2014 Demo Wood 201 💌				
Common truss M_Truss_Common Truss Attic Room_1L+1R M_Truss_Common Truss Double Fan_1L+1R M_Truss_Common Truss Double Fan_1L+1R M_Truss_Common Truss Double Howe&Gambrel_2L+2R M_Truss_Common Truss Double Howe&Gambrel_3L+3R M_Truss_Common Truss Double Howe_1L+1R M_Truss_Common Truss Double Ptch&Gambrel_Attic_2L+2R M_Truss_Common Truss Double Ptch&Gambrel_Rafters_2L+2R M_Truss_Common Truss Double Ptch&Gambrel_Rafters_2L+2R M_Truss_Common Truss Double Ptch&Gambrel_Rafters_2L+2R M_Truss_Common Truss Double Ptch&Gambrel_Rafters_2L+2R M_Truss_Common Truss Howe_1L+1R M_Truss_Common Truss King Post_1L+1R M_Truss_Common Truss King Post_1L+1R M_Truss_Common Truss Ruse Vaut_1L+1R M_Truss_Common Truss Raised Vaut_2L+2R M_TrusS_DAUT_2L+2R M_TrusS_DAUT_2L+2R M_TRUSD_TRUSDUP	M_Truss_Common Truss Attic Room_1L+1R: W35_TCH90_V			
Filter by: Family Name Contains				
Filter Load Type	Open Family OK Cancel			
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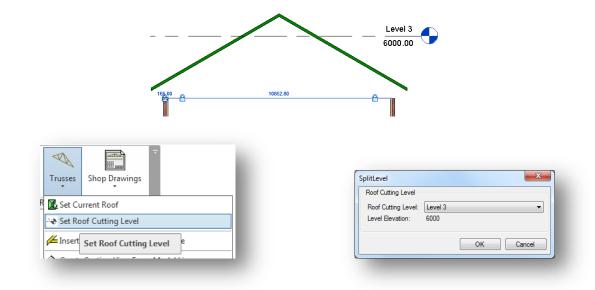
- If the roof has more slopes than can be generated by the selected truss family, software shows an error message.
- If all trusses that come with software installation don't have enough panels or you want to distribute truss webs in other way, please use *T4R Truss Builder*.
- More about Truss Builder refer to the corresponding Help section "Create Truss Type by Model Lines".





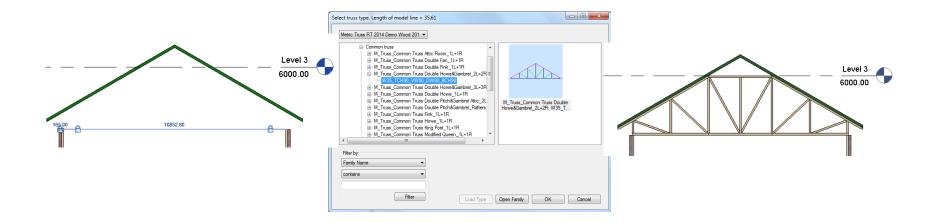
Select truss type. Length of model line = 36.00			
Metric Truss RT 2014 Demo Wood 201 Common Truss M Truss_Common Truss Attic Room_1L+1R M Truss_Common Truss Double Fran_1L+1R M Truss_Common Truss Double Fink_1L+1R M Truss_Common Truss Double Howe&Sambrel_2L+2R M Truss_Common Truss Double Howe&Sambrel_3L+3R			
Truss_Common Truss Double Howe_1L+1R W35_TCH90_VW90_BCH90 @.M_Truss_Common Truss Double Ptch4KGambrel Attic_2L @.M_Truss_Common Truss Double Ptch4KGambrel Attic_2L @.M_Truss_Common Truss Double Ptch4KGambrel Attic_2L @.M_Truss_Common Truss Nove_1L+1R @.M_Truss_Common Truss Howe_1L+1R @.M_Truss_Common Truss Howe_1L+1R @.M_Truss_Common Truss Modified Queen_1L+1R @.M_Truss_Common Truss Modified Queen_1L+1R @.M_Truss_Common Truss Modified Queen_1L+1R #	Truss+RT		
Filter by: Family Name Contains Filter Load Type Open Family OK	OK Cancel		
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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.

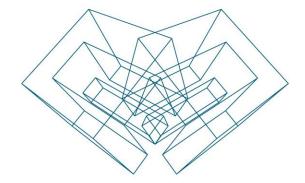




- Select Model line and run Insert Truss by Model Line function.
- Inserted truss will be attached to the roof and its cutting level.







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