How to design with profiles
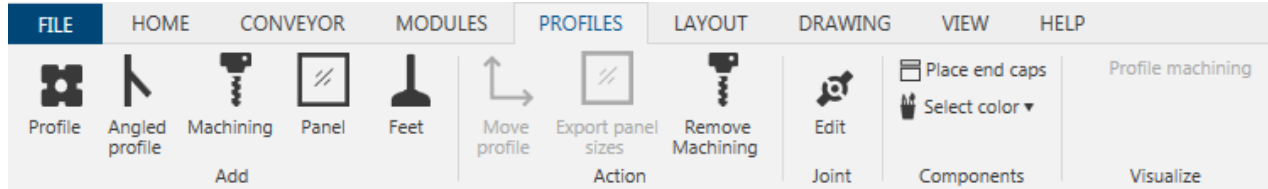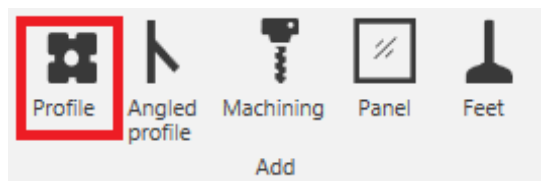
Last Modified on 05/11/2019 1:40 pm CET

Working with profiles require the *Profile* tab in the ribbon to always be selected. **Tip!** The eCatalog is not used together with profiles and to utilize a larger 3D window it can be hidden by unpin the panel.

Add profiles

Click *Profiles tab -> Add group -> Profile button* and a *Build profile* panel is shown on right hand side. **Tip!** the location of the panel can be adjusted to your liking by clicking and selecting the panel and then move it with the mouse. A docking panel shows how the panel can be placed in various positions.

Build profile

Type
- Light
- (●) Basic
- Heavy
- Ultra

Size
- (●) 40x40
- 40x80
- 40x120
- 40x160
- 80x80
- 80x120
- 80x160

T-slot
- (●) Open
- Closed
- T-Closed
- Z-Closed
- L-Closed
- U-Closed

Joints

End To End	None ▾
End To Side	None ▾
Crossing	None ▾

Placement

Toggle T-Slot

Select *Type*, *Size* and *T-slot*. Type and T-slot can be changed afterwards but not Size. *Joints* are optional and the recommended joint type can be pre-selected for each connecting type. Joints can also be added when the design is finished by using *Profiles tab -> Joint group -> Edit button.*
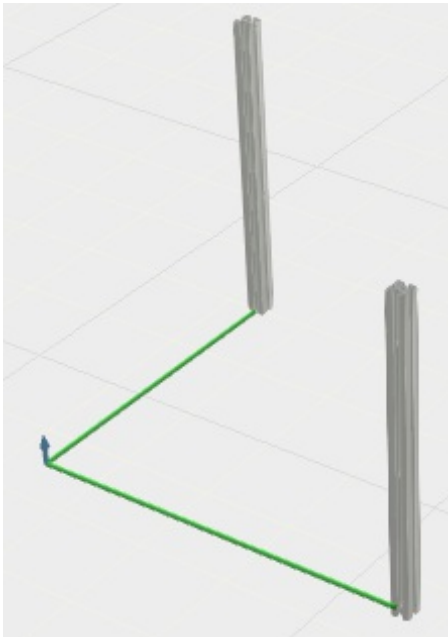

End to End   End to Side   Crossing

A profile can be added from the floor, at the end of an existing profile or from a t-slot of an existing profile.
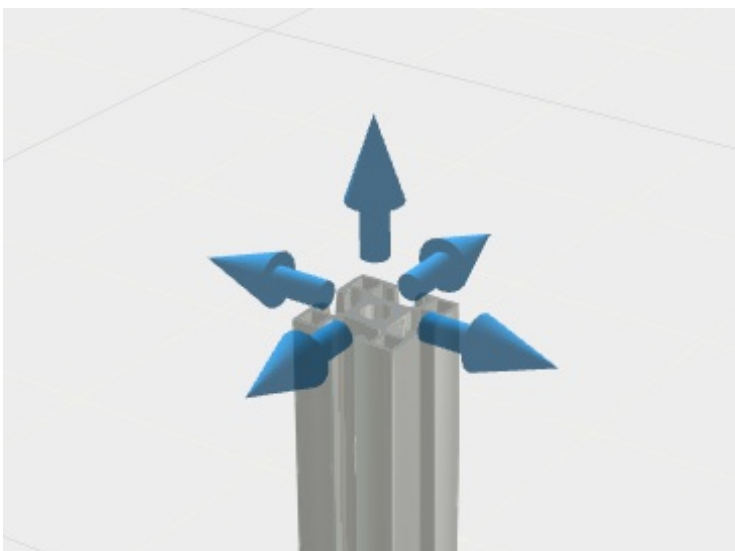
From the floor:

1. Click at a position on the floor. If other profiles already exists the profile can be aligned, this is shown with a green line(s).
2. Set the length of the profile by point on another profile to make it equally long or type the length (green) in the **Build profile** panel.
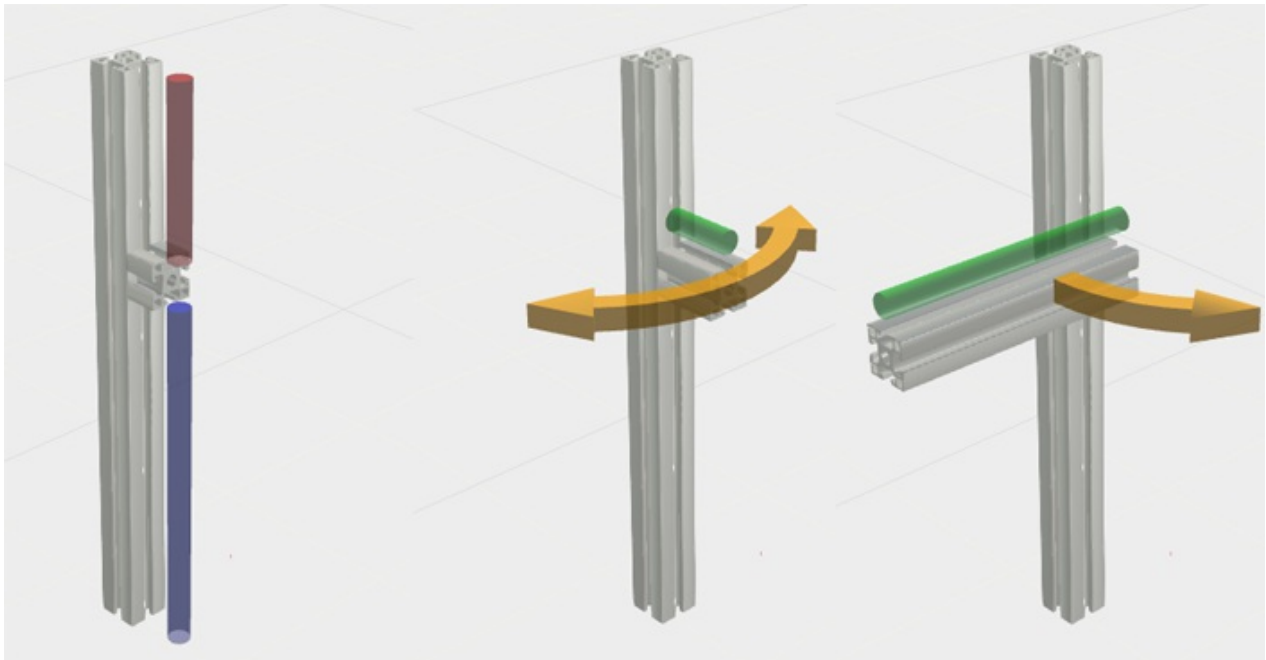

A the end of an existing profile:

1. Point and click at the end of the profile, for larger profiles different positions can be selected.
2. Chose direction, as in illustration below.
3. Set the length of the profile by pointing on another profile to align the end points or type the length (green) in the **Build profile** panel.

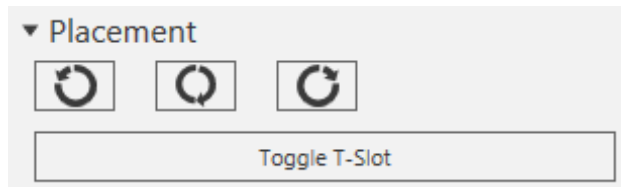## From a T-slot of an existing profile:

1. Point on which side of the profile, if multiple T-slots point on desired T-slot, and click.
2. Set the distance from one of the ends by click with mouse or enter distance (red or blue) in the **Build profile** panel.

3. Set the length of the profile by point on another profile to align the end points or type the length (green) in the **Build profile** panel.
4. Optional, rotate the profile with the yellow arrow to make a cross connection.

Placement:

Rectangular or profiles with semi closed T-slots can be rotated to correct position using **Placement -> -90°, 180° or 90° buttons.**

When connecting a profile to a larger profile with multiple T-slots it's possible to toggle it's position. You can only toggle between T-slots on the selected side.