

Modifying Tools

➤ Align:

- Options bar:
 1. Multiple Alignment
- Steps:
 1. Select the reference line to align to
 2. Select the element

➤ Offset:

- Options bar:
 1. Graphical: to determine the offset distance graphically
 2. Numerical: Set the offset distance in the adjacent box
 3. Copy: check this option if you want to keep the original element and have an offsetted copy of it
- Steps:
 1. Move the cursor to the side of which the offsetted element will be placed at
 2. Click on the element

➤ Mirror – Pick Axis:

- Steps:
 1. Select all elements
 2. Press Enter or Space key
 3. Select mirroring axis

➤ Mirror – Draw Axis:

- Steps:
 1. Select all elements
 2. Press Enter or Space key
 3. Draw mirroring axis

➤ Move:

- Option 1: Select the element and drag it
- Option 2: use move tool with the following steps:
 1. Select elements
 2. Press Enter or Space key
 3. Choose moving start point
 4. Choose moving end point
- Options bar:
 1. Constrain: restrict move in the x or in the y direction

➤ Copy:

- Options bar
 1. Constrain: restrict move in the x or in the y direction
 2. Multiple: to copy elements to more than one location
- Steps
 1. Select elements
 2. Press Enter or Space key
 3. Choose moving start point
 4. Choose moving end point

➤ Rotate:

- Options bar:
 1. Copy: check this option if you want to keep the original element and have a rotated copy of it.
 2. Angle: set the angle of rotation numerically

3. Center of rotation:

- ❖ Place: to place the center of rotation
- ❖ Default: to use the default center of rotation

- Steps:

1. Select elements
2. Press Enter or Space key
3. Click to enter rotate start ray
4. Click to enter rotate end ray

➤ Trim/Extend to Corner:

- Steps:

1. Select the first element (wall or beam)
2. Select the second element (wall or beam)

- Note: Select the part of the wall needed to stay in position and not to the part to be trimmed

➤ Split:

- Options bar:

1. Delete inner segment: Trim two part of the wall and delete the inner part automatically.

- Steps:

1. Select element to split

➤ Split with Gap:

- Options bar:

1. Joint Gap: set the joint gap

- Steps:

1. Select element to split with gap

➤ Array:

- Options bar:

1. Activate dimensions: to activate dimension around the element to be arrayed
2. Linear: the array linearly with a fixed distance
3. Radial: to array radially with a fixed angle
4. Group and associate: check this option if you need to group the arrayed elements
5. Number: Set the number of arrayed elements
6. Move to:
 - ❖ 2nd: if the distance to be determined is that between the first and the 2nd arrayed elements
 - ❖ End: if the distance to be determined is that between the first and the last arrayed elements
7. Constrain: restrict the movement in the x or in the y direction

- Steps:

1. Select elements
2. Press Enter or Space key
3. Set distance
4. Set number of elements to be arrayed (including the original one)

➤ Pin:

- Steps

1. Select elements
2. Press Enter or Space key

➤ Unpin:

- Steps

1. Select elements
2. Press Enter or Space key