



Andhra Pradesh State Skill Development Corporation



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AutoCAD(CIVIL)

Modify Tools Part-1

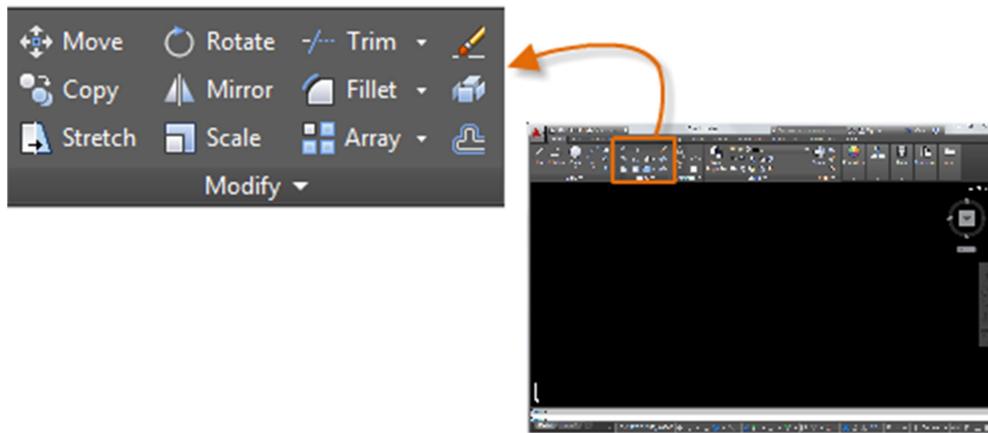


MODIFY PANEL

MODIFY TOOLS PART-1

Modify Tools

Modify Panel is a part of Ribbon Panel. We can modify any drawing by using Modify Panel commands. It is used for the editing of any existing drawing.



Move (M--Enter)

By this one, we can move any objects at a specified distance and direction.

Process of move command:

- Select Move Command from modify panel (or) M enter.
- Select the object--Enter
- Specify the base point
- Move it any direction Or Specify the distance

Rotate (RO--Enter)

By this one can rotate any selected object around a base point to an angle. It rotates any objects in clock and anti-clockwise. We can also make a copy of the object by rotate command.

Process of Rotate command:

- Select Rotate command from modify panel or Ro enter
- Select the object--Enter
- Specify the base point
- Enter C (copy) or Enter R (reference)
- Type rotation angle--Enter

Trim (TR –Double Enter)

This command is used to trim any objects whose edges meet the other objects. It trims the crossed line.

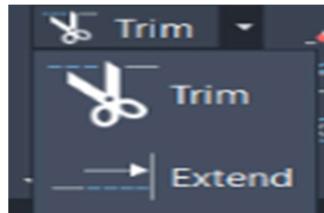
Process of Trim command:

- Select trim command from modify panel--Tr Double Enter.
- Click on the intersect line or extra line.
- If we want to exchange trim commands into Extend command press shift.



Extend (EX—Double Enter)

This command helps to extend the line to join the edges of other objects' lines. It is used as a trim command.



This is present in trim dropdown option

Process of Extend command:

- Select Extend command from modify panel or EX Double enter
- Click on the object that you want to Extend.

Erase (E--Enter)

By this command, one can remove the extra part from any object.

Process of Eraser command:

- Select Erase Command or E--Enter
- Select the objects that you want to remove.
- Enter

Copy (CO--Enter)

This command is used to copy an object at a specified distance or direction. It works almost like Move Command. The only difference is that it makes a copy of the original objects.

Process of Copy command:

- Select copy command from modify panel or Co enter
- Select the object--Enter
- Specify the base point
- Move it any direction Or specify the distance
- Make multiple copies

Mirror (MI--Enter):

This command creates a reverse copy of the selected object.

Process of Mirror command:

- Select mirror command from modify panel or MI enter
- Select the object--Enter
- Click on the first point of the mirror line.
- Drag mouse in the direction where you want to make mirror
- Specify the second point of the mirror line.
- Enter



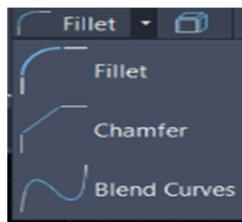
Fillet (F--Enter)

By this command, one can round the straight corner of any object.

Process of Fillet command:

- Select Fillet Command.
- Type R (radius).
- Enter.
- Enter the value of radius.
- Enter.
- Select the first object.
- Select the second object.

Click on the dropdown of fillet tool we can find chamfer, blend curves



Chamfer (CHA--Enter):

By Chamfer command, one can bevel the corner of objects. It cuts the object in any Angle

Process of Chamfer command:

- Select chamfer command.
- Type D (distance)
- Type first chamfers distance.
- Enter
- Type second chamfers distance.
- Enter.
- Select the first object.
- Select the second object.

Blend Curves

It makes a Spline between two lines or curves.

Process of blend curves command:

- Select blend curves command
- Select the first object
- Select the second object
- Specify types of blends
- Tangent
- Smooth
- Enter.

Explode (X--Enter):

This command is used to break a joint object

Process of Explode Command:

- Select Explode Command
- Select object which you want to break
- Enter