

Symmetric Draw — GstarCAD 2027

4938 kbadmin September 25, 2026 [What's New](#) 0 19

Symmetric Draw

[GstarCAD 2027](#) · [Whats New](#)

Innovative Features > Symmetric Draw

No matter it is AEC or MFG industry, there are many symmetric drawing shapes. The usual way to make a symmetric shape is to draw the first half of the shape and then get another symmetric half by copy or mirror.

It is possible to directly draw symmetrical shapes with Symmetric Draw tool. When drawing the first half you get another half automatically.

The default symmetry axis is X-axis, but user can specify Y-axis or any line in the drawing as symmetry axis reference.

Users can easily switch on/off this tool by clicking the Symmetric Draw button on the status bar. By the way, Symmetric Draw tool supports all the drawing commands of GstarCAD.

Pick Symmetric Axis: At status bar, besides Symmetric Draw button is located another button called Pick Symmetric Axis. The functionality of this button is as same as Custom and Pick Axis options.

Exploring Symmetric Draw Properties

Right-Click the Symmetric Draw button at status bar and select Settings option. The "Drafting Settings" dialog box will pop up. Now let's explore the properties under "Symmetric Draw" tab.

Enable Symmetric Draw

Enables the symmetric draw tool if is checked.

Pick Symmetric Axis

You can pick X, Y, or a custom axis to start working with.

- X Axis option: The objects drawn will take the X coordinate system as invisible axis line. The effect of X Axis is mirroring the drawn objects up or down according to X coordinate system origin location.
- Y Axis option: The objects drawn will take the Y coordinate system as invisible axis line. The effect of Y Axis is mirroring the drawn objects right or left side according to Y coordinate system origin location.
- Custom/Pick Axis option: The objects drawn will take the vector orientation of a selected object as visible axis line. The effect of Custom/Pick Axis is mirroring the drawn objects according to a selected object vector orientation whether inclined, vertical or horizontal.

Supported Object

Symmetric draw tool supports line, circle, rectangle, polygon, ray, polyline, ellipse, arc, xline and spline objects to be drawn as symmetrical shape.

- Select All/ Clear All: You can select or unselect all supported objects at once.

Other versions with matching text

[2022](#) · [2023](#) · [2024](#) · [2025](#) · [2026](#)

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=4938>