

How do I move, rotate, and scale an object at once?

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ALIGN command is often overlooked by many CAD users. Instead of using move, rotate, and scale commands separately, you can do it at once using this tool.

With ALIGN you can move, rotate and scale an object while aligning it with existing geometry or selected points. You can also scale and align images.

Just draw a line to the “known length”, select the two corresponding points on the image and use the scale option to rotate, scale and place the image perfectly.

The first screenshot shows a CAD interface with a dashed box around an image of a stadium. The command line shows 'Select object: 11190,2600 | 81,4847'. The second screenshot shows a line drawn from the image to a reference line. The command line shows 'Endpoint' and 'Specify first destination point: 10,8431 | 270'. The third screenshot shows the 'ALIGN' command being executed. The command line shows 'Command: ALIGN', 'Select object: 1 found', and 'Specify first source point:'. The fourth screenshot shows the 'ALIGN' dialog box with 'Scale objects based on alignment points?' checked and 'Y' entered. The command line shows 'Specify first source point:', 'Specify first destination point:', 'Specify second source point:', 'Specify second destination point:', 'Specify third source point or <continue>:', and 'Scale objects based on alignment points? [Yes/No] <N>: Y'. The final result is a perfectly aligned and scaled image of the stadium.

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=1095>