Orthographic

Plan



Drawing

Scale 1:12

Full size measurements in brackets

 Side View Front View

Orthographic Drawing is an agreed international standard of drawing, used all over the world by designers and engineers, which enables anyone to understand their designs. You draw your product from the front, side and top in 2D and line them up like above.

This is easier on computer as you can use the gird to hold the views in position. We use 2D Design, which is an easy programme as it is purely drawing. You can have a student copy if you wish. In industry they use more complex programmes, such as AutoCAD, which enables designers to switch between 2D images and 3D. It also enables you to send designs to CAM machines (Computer aided manufacture) and 3D printers to create a real solid product

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