PRODUCTION OF DRAWINGS
WITH THE AID OF A
CAD PACKAGE

by

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INTRODUCTION

In now days the use of the computers and the graphical video screens for the production of drawings set free the draughtsmen and engineers from the slow production of the traditional hand methods of drawing and develops the visual motel of an imagined object.

This intervention of technology as an incorporator for the increase of the production and enlargement of creative power is called **CAD**. (Computer Aided Design)

Computer aided design and drafting has been around since 1964. However it was not widely used until around 1982, when CAD systems such as AutoCAD became available on micro computers. Since then, the number of CAD users has grown steadily.

The possibilities of representation of 3D world around as was at the past minimum.
Pencil and paper were used by designers to represent in 2D their ideas. Now the designers can easily create 2D and 3D views using computers and video screens.

Each geometrical element that appears on the screen hides behind calculation of cartesian coordinates, mathematical functions which determine the shape of each curve, and formalise which keep in memory the properties given to it.

Virtually there is no limit to the capabilities of AutoCAD. Anything that can be drawn by hand it can be created by AutoCAD more easily, quickly and accurately.

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