

APOSS® Path-Editor

Interactive 3-Axis-Path-Editor

Path programming tool for user-friendly programming

APOSS-IDE, the integrated development interface for all zub controls, includes one of the most modern path editors for XYZ linear axes.

Recording of seam geometries

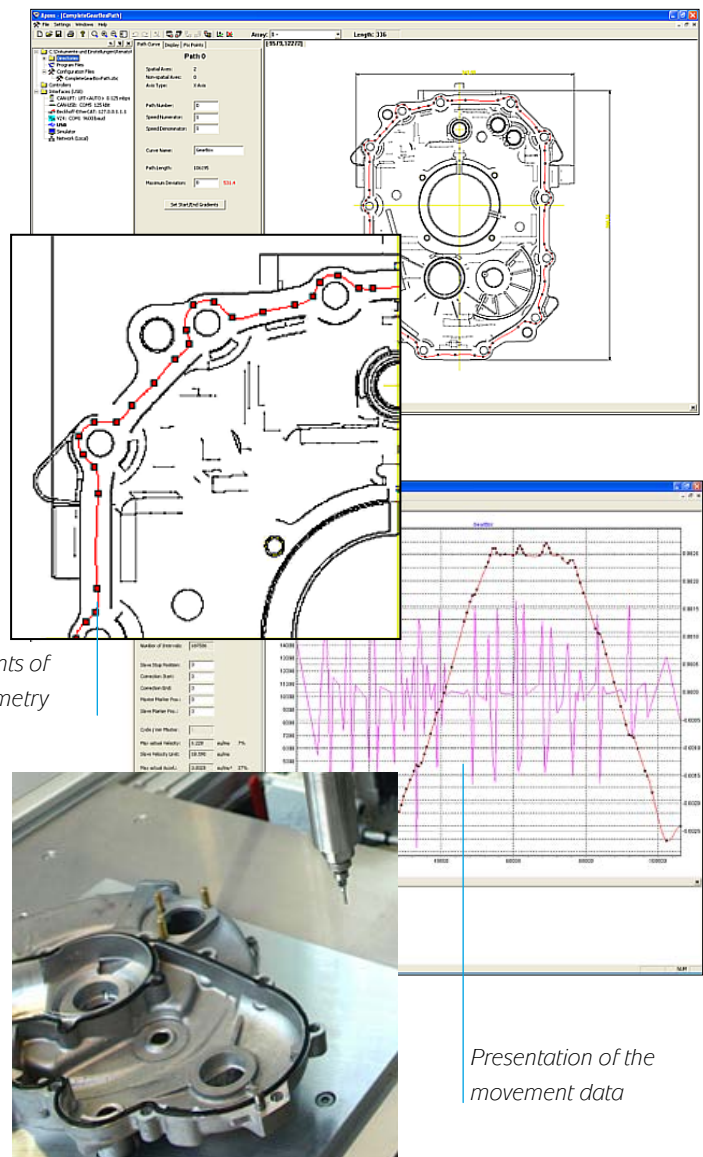
There are many possible applications for the path editor: One frequent use is the recording of seam geometries for the automatic application of glues or sealants by means of portal robots. A gear cover is shown here as an example.

The recording of the curve starts by importing a pre-existing drawing of the part. Curve points are then set to the desired points using the mouse pointer. The path editor uses spline interpolation to automatically calculate the optimum curve, which can then be manually adjusted if necessary by means of the mouse.

In some cases the entire path must be followed with constant velocity, for example for applying glue or laser cutting. This is also calculated automatically by the path editor while taking the acceleration and speed into account.

Define paths – even without CAD data

It is very easy to define the desired paths with the APOSS Path-Editor. For this, you only need scanned or photographed drawings as background images. This greatly simplifies the generation of paths – very good results can be achieved even without CAD data.



Curve points of path geometry

Presentation of the movement data

Import G-Code and HPGL Files

Existing paths or data can be imported from G-Code and HPGL files and then edited.

Applications

- ◆ Casting and foaming
- ◆ Engraving and milling
- ◆ Applying glue and sealant
- ◆ Mounting “Form in Place Gasket”