



„Nothing seems as simple as afterwards,
like a realization of a dream.“

Otto Schüller

A kitchen should be a pleasure for your whole life. Schüller kitchens are designed in a variety and individuality as interesting as life and people can be. That is why, people require a simple and suitable kitchen for everyday life. Kitchens must be a long-lasting delight. High-quality for an attractive price.

Schüller is an industrial company with the attentive acknowledgement to the location in Germany. Furthermore, the company has highly engineered manufacturing plants and a modern administrative building and the Schüller-Exhibition-Center |s|a|c. The plant grounds are 180.000 m² from which about 85.000 m² are built on.

Schüller's furniture factory belongs to the Top Ten of the furniture industry. Innovation, team spirit and motivation characterize the performance of the company. A further step was the innovative organisation of the data maintenance of the manufacturing line with imos CAD/CAM.

The classical serial has NC-Data in PPS/ERP System. The impulse came from a high complexity in administration and organisation. At the same time the market demands more shorter productions and serial cycles with smaller amounts. Additionally, individuality interests are increasing.

The terms of reference in Schüller's company were:

- Lean data organisation
- No deposits of NC-Programs
- Flexibility in special constructions
- Integration of PPS/ERP

The fixed date for the project was given by the planned conversion in the section of the manufacturing line. A fast conversion of the project and the direct maintenance of the machines was the first priority of the project directly after the startup procedure.

Besides the schooling in the section imos construction and data installation, the intergration of the PPS-System has been analysed and adapted. Already after the conversion of the 1. manufacturing line the first kitchen furniture could be produced in real time by imos CAM Manager and NC-Generator. Next to the classical workings like drilling, milling, grooving, the press lines, insertion machines, drawer press machines and handle shell router are definitely provided with NC-Data. Several manufacturing lines and single launched machining centers are directly provided with the required NC-Data by imos. The static deposit of NC-data belongs to the past. With the current status the manufacturing can be triggered after the graphic order entry in-house. The NC-Data supply takes place on the data base server. This generates with the given features the parts in real time and NC-Data derives from it.



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