

## Merrem Kunststoffen B.V. Rapidly Expands their Business Investing in NCG CAM Simultaneous 5-axis



### About the Company

Established in Dinxperlo, Netherlands in 2006, Merrem Kunststoffen B.V. is a supplier of technical plastic semi-finished components for different sectors including automotive and machine builders. Merrem Kunststoffen B.V. is a part of the Merrem Kunststoffen Group who is a leading supplier of plastic components and technical rubber parts.

### Requirements

Merrem decided to invest in a 5-axis CNC machine tool to expand their machining capabilities to their customers, but on purchasing the machine tool, they found it difficult to find a good 5-axis CAM software package, that could also work well with CATIA part files.

### Results from Purchasing NCG CAM

- ✓ Can now manufacture larger and more complex products utilising the simultaneous 5-axis capability. 5-axis machining has increased from once a week, to daily, rapidly expanding their business.
- ✓ Parts can be machined quicker - calculations that had taken hours before, now take just 50 minutes.
- ✓ **NCG CAM** has reliable collision checking, where it is possible for the head of the machine to automatically turn if it sees a potential point of collision, but still keeps the cutting tool on the job. This prevents any potential damage to the machine tool head, which could be very costly.
- ✓ Merrem now run lights out machining producing 80,000 pieces / year.
- ✓ An increase in new business lead to the purchase of an additional CNC.
- ✓ Merrem has continued their success by expanding their business further into Germany, Estonia and Latvia.



*"We use **NCG CAM** for programming semi-finished products which require 5-axis simultaneous machining on our Belotti FLA 417 5-axis CNC machine.*

***NCG CAM** calculates very fast and is good at indicating visually what the machine will do. It is also possible to put in dimensions of the machine head for auto clash detection. The program will automatically twist the machine head to prevent contact with the material."*

**- Ramon Leonhardt – Merrem Kunststoffen B.V.**