

MAPET 2007 Bt Reduce Programming Time by 50%, Machining PET Bottle Blow-moulding Tools using 5-axis

About the Company

MAPET 2007 Bt. located in Kecskemét, Hungary, design and machine PET bottle blow-moulds tools and pre-moulds.

MAPET manufacture more than 30 million bottles each year, using more than 100 different mould forms. MAPET has many customer references in both their local market and also worldwide.

Requirements

MAPET were looking for CAM software for their new 5-axis machine tool, that would also reducing machining time.

Results from Purchasing NCG CAM

- ✓ Machining time has been reduced by 10-15% in 3-axis milling
- ✓ Programming time has been reduced by 50%
- ✓ 3+2-axis milling has reduced the number of fixtures and setups required
- ✓ 5-axis machining has simplified the manufacturing
- ✓ Rest-milling has become more cost-efficient
- ✓ The 'Auto-Tilt' function has helped the programmers to create 5-axis toolpaths with ease

“The NCG CAM standalone CAM application with 5-axis module and machine simulation fulfils all of our requirements.”

- Sandor Pataki, CAD/CAM Engineer, Mapet 2007 Bt