

Modern Moulds and Tools Ltd Reduces Machining Time by 60% using NCG CAM's High Speed Machining Routines



About the Company

Founded in 1987, Modern Moulds & Tools Ltd are a specialist tool maker for the plastics industry. Modern Moulds use specific tooling and machinery knowledge and experience, to support the first steps of design, through to the moulding process. With their attention to detail and the expertise they have developed over the years, Modern Moulds are a key partner for the Bright-Tech group of companies.

Requirements

Modern Moulds were looking for CAM software for their Bridgeport machining centres with DEPO-FHT tooling, that would meet their requirement for high speed machining.

Results from Purchasing NCG CAM

- ✓ Able to complete in 6 hours machining that previously would have taken 15 hours – reducing machining time by 60%
- ✓ Can now rough out core and cavity details to within 0.2mm, before vacuum hardening
- ✓ Increased accuracy and HSM routines, allow complex electrodes to be split into smaller and simpler elements
- ✓ Individual electrodes are easier to manufacture, errors are reduced, saving time and materials

*"We currently have 5 seats of **NCG CAM**, some of which are sited on the shop floor next to the machining centres and some that are linked to SolidWorks. Due to its very "user friendly" software, we have been able to train most of our 10 toolmakers, enabling greater flexibility and less dependency on a few key people. Due to very competitive prices and shorter deliveries we have to be able to run "lights out" programmes. **NCG CAM** allows us to do this, due to the confidence we have in the system and its very powerful and efficient machining strategies.*

***NCG CAM** has opened up a lot of doors for us because of its power and ease of use. I would have no hesitation in recommending **NCG CAM**, as we have in the past, as the essential tool-room machining package."*

- John Horspool, Works Director, Modern Moulds and Tools Ltd