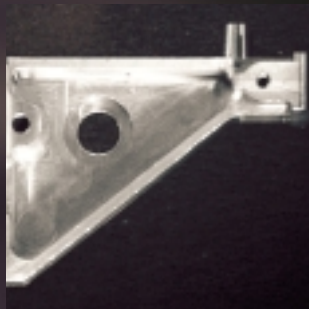


CNC Technologies, Inc.

CNCTM



High-tech pro-
grammed
machining
with a power-
ful difference

The Promise

Nonferrous parts machined better, faster, at lower unit costs

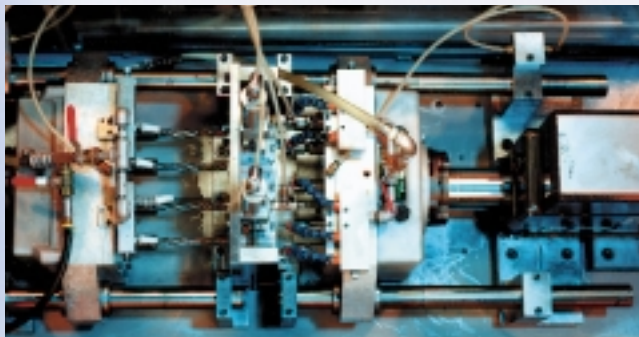
CNC Technologies, Inc. is a state-of-the-art production resource carefully tuned to bring you all of the advantages of the incredible precision and speed possible with today's advanced CNC machining centers.

The highest level of expertise is applied to your project during every phase of the machining process, from your CAD file evaluation through fixture preplanning, machine programming and final operations.

Our commitment is to analyze early and thoroughly to optimize all that follows—delivering certified precision machined tolerances.

You'll find the flexibility to respond quickly to your needs, whether for volume CNC nonferrous part production or for machined prototypes for validation and final production by casting or other production processes. In prototype manufacture for casting, we have a very special performance record, one that can assure you of first-piece casting success. We can provide FDM prototypes from your CAD files, when required.

When a programmable dedicated CNC work cell can reduce your costs, it will be quickly designed and assembled in house.

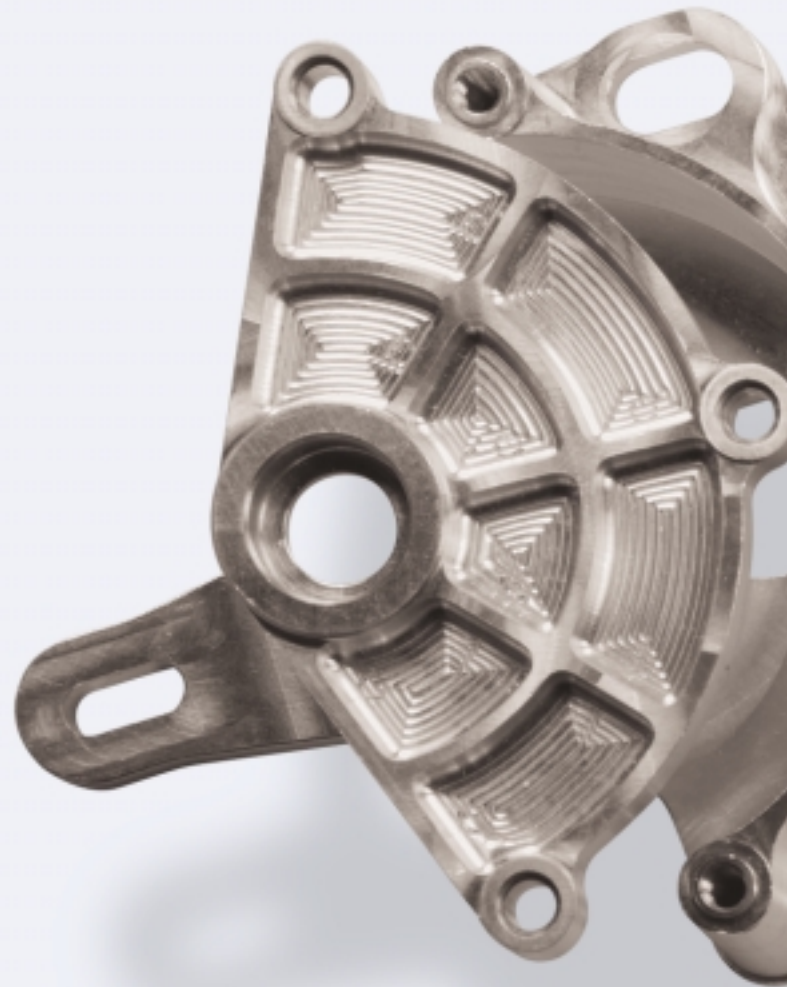


CNC offers complete turnkey product finishing, from protective coating to painting, and product subassembly.

Our bottom-line promise is to optimize the technology to deliver parts to your precise specifications, in the shortest time, at lower costs per piece.

Here is how we have been delivering on this promise for over 15 years.

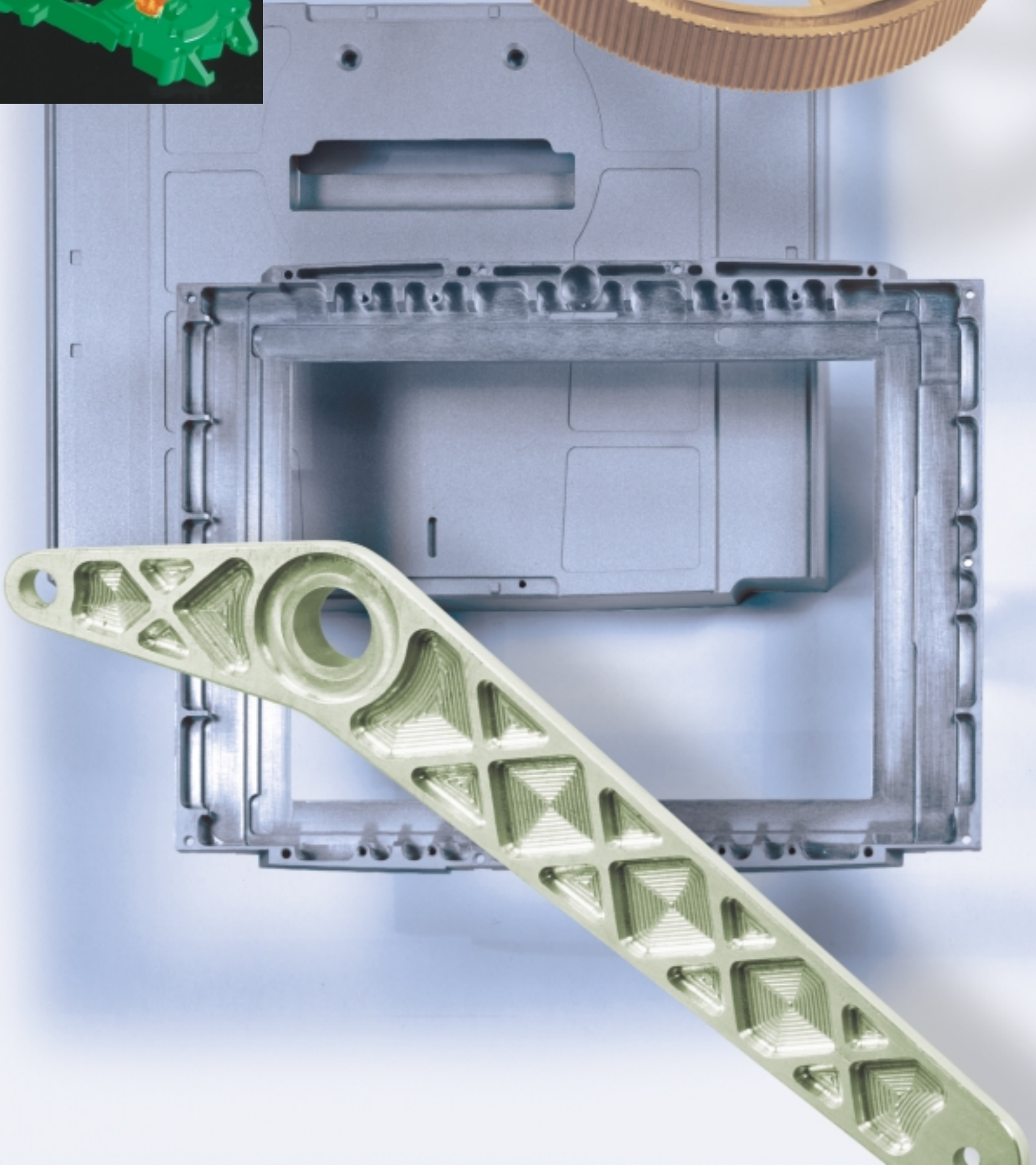
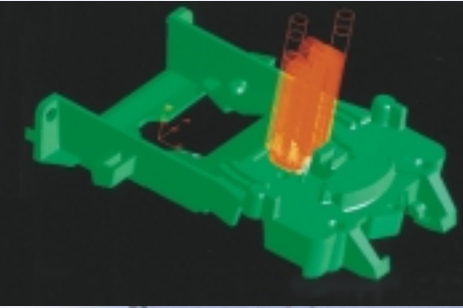
Advanced machine controls and the latest programming software assures CNC center operation at the fastest processing speeds.



Hydraulically interactive fixturing in state-of-the-art machining centers makes highest speeds and accuracy possible.



3D CAD modeling
enables a prototype to
be quickly evaluated
during programming
for the most efficient
volume production.



The Expected

Capabilities you expect from a world-class CNC house

If a CNC resource calls itself exceptional, you should expect operation of some of the most advanced CNC equipment available, maintained with a passion.

You should assume use of 3D-modeling software and advanced CAD/CAM programming, like that provided by the latest Unigraphics systems; computer-simulated machining runs with all fine tuning performed in advance of machining center downloading; the acceptance of file transfer data and media in virtually any format, for a paperless workflow.

You should expect experienced attention to the design of all machining fixtures to assure optimum CNC cycle times before the first workpiece is cut; in-house design and assembly of specialized CNC-controlled machining cells when a dedicated series of operations is the most cost-efficient production solution.

You should take for granted employment of leading-edge measurement equipment to maintain the highest throughput and adherence to exacting quality levels; skilled personnel, schooled in on-line SPC documentation and action, and cross-trained in the operation of a wide range of CNC workcenters for total production flexibility.

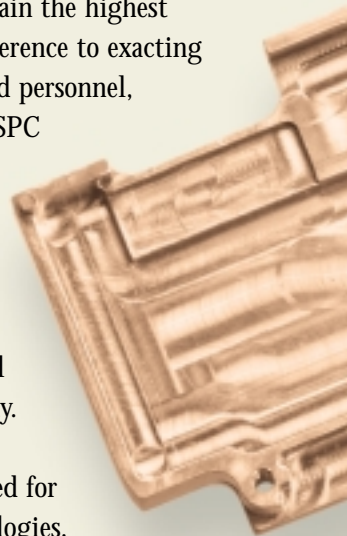
These are the capabilities mobilized for you at CNC Technologies. But you also receive an important difference.

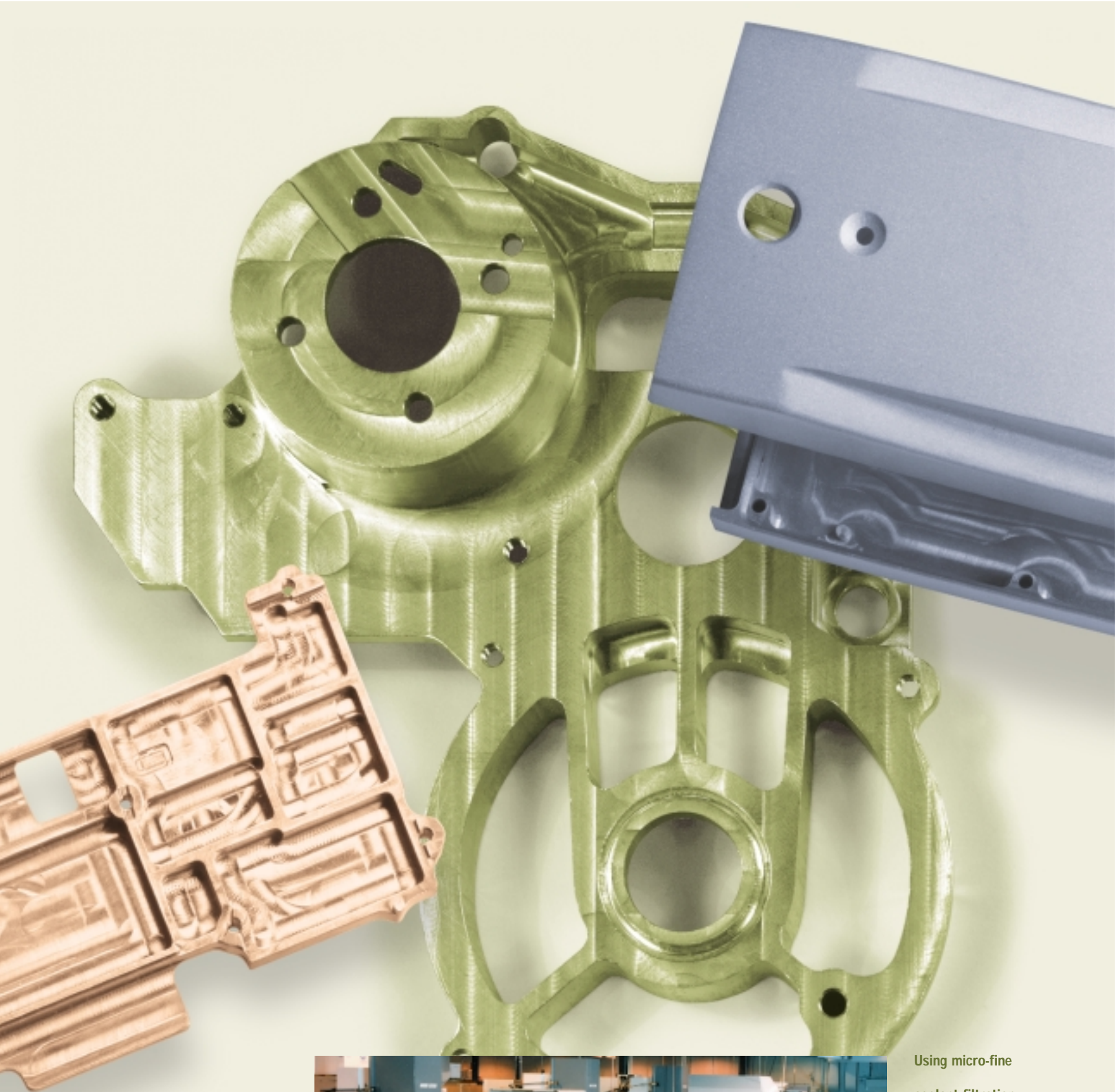
Rigorous preventative maintenance and continuing, planned machining center replacement assures the optimum equipment selection for your project.

The use of leading-edge measuring equipment, like this optical tool presetter (right), means optimized high-speed production.



Three-dimensional metrology capability validates that machined product will meet your exacting specifications.





Using micro-fine coolant filtration systems, the latest CNC workstations deliver superior part surface finishes at the fastest feedrates.



The experience that is brought to bear on tool cutting programming and fixture design at CNC Technologies goes far beyond an intimate knowledge of machining solids. It includes a background in die cast tooling design and critical secondary machining of complex castings—unique skills that make all of our machining projects more efficient.

The Difference

A knowledge base and service range matched by few machining specialists

The programming and fixture design management of CNC Technologies honed their skills on the precision machining requirements for high-tech cast parts.

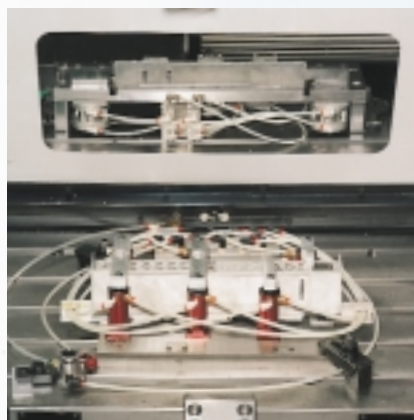
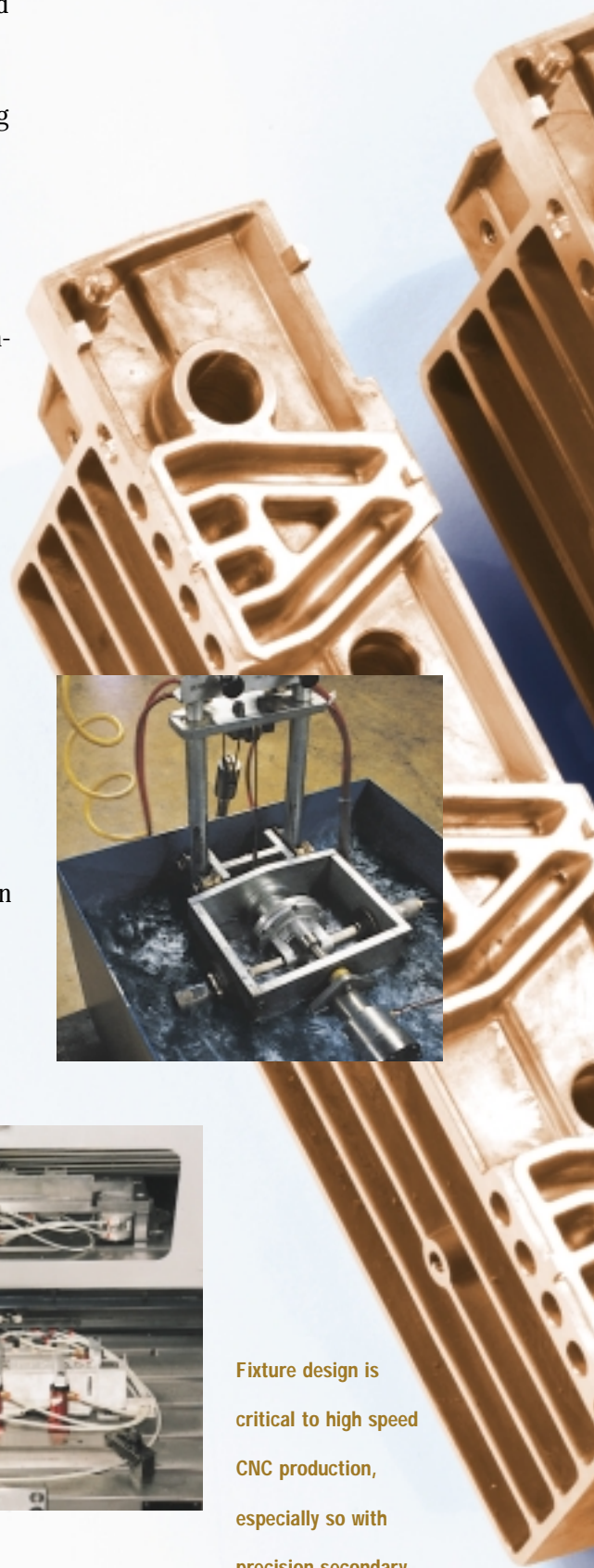
This background includes the exacting science and skill set required for the design and manufacturing of die cast tooling, as well as CNC machining of hundreds of every variety of castings and billet product. The differences between CNC machining from stock and the complex precision secondary machining of high-tech castings are major.

We apply this higher-level experience to all CNC preplanning and machining center fixture design—the critical stages in cost-effective CNC part production.

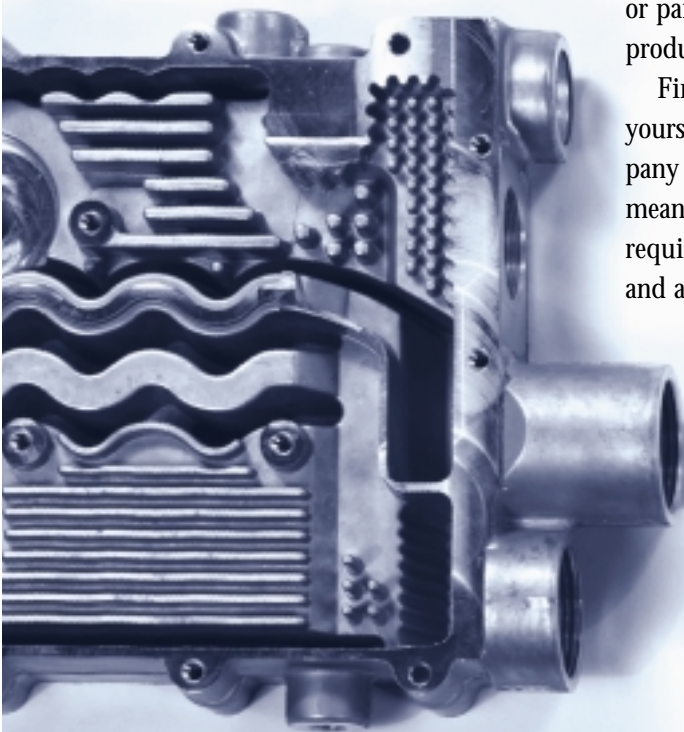
Our performance for our customers speaks for itself. An enviable record of defect-free machining production has eliminated all incoming part inspection for many of our customers. Based on our rigidly enforced QC procedures and ISO 9002 & 14001-compliant quality management, many of our customers utilize CNC Technologies for contract inspection services (see pressure-testing station, for 100% part inspection, right).

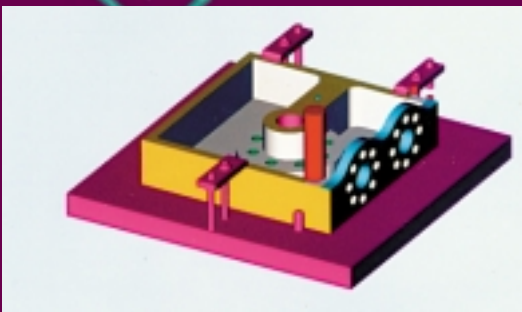
And our range of services includes complete turnkey product finishing, from protective coating to electroplating or painting, and product subassembly.

Find out for yourself what a company like ours could mean for your requirements. Call and arrange a visit.



Fixture design is critical to high speed CNC production, especially so with precision secondary machining of die castings, left.





Pre-production
CAD-CAM simulation and debugging
of your machining
operations precedes final programming and fixture design. All fixtures are designed and built in house.

With prototypes
destined for volume
production, we
can help assure your
designs of first-article
success.





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