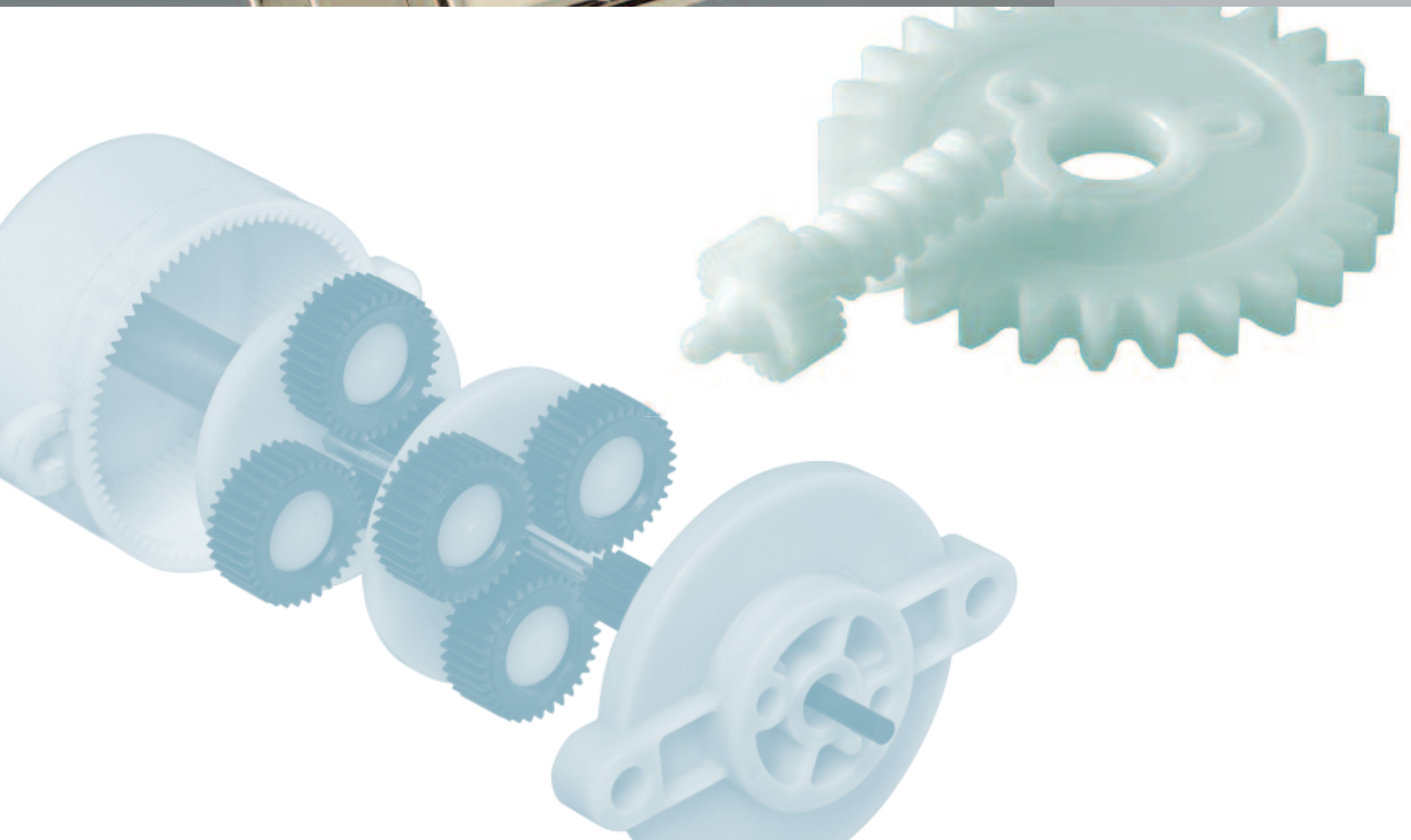
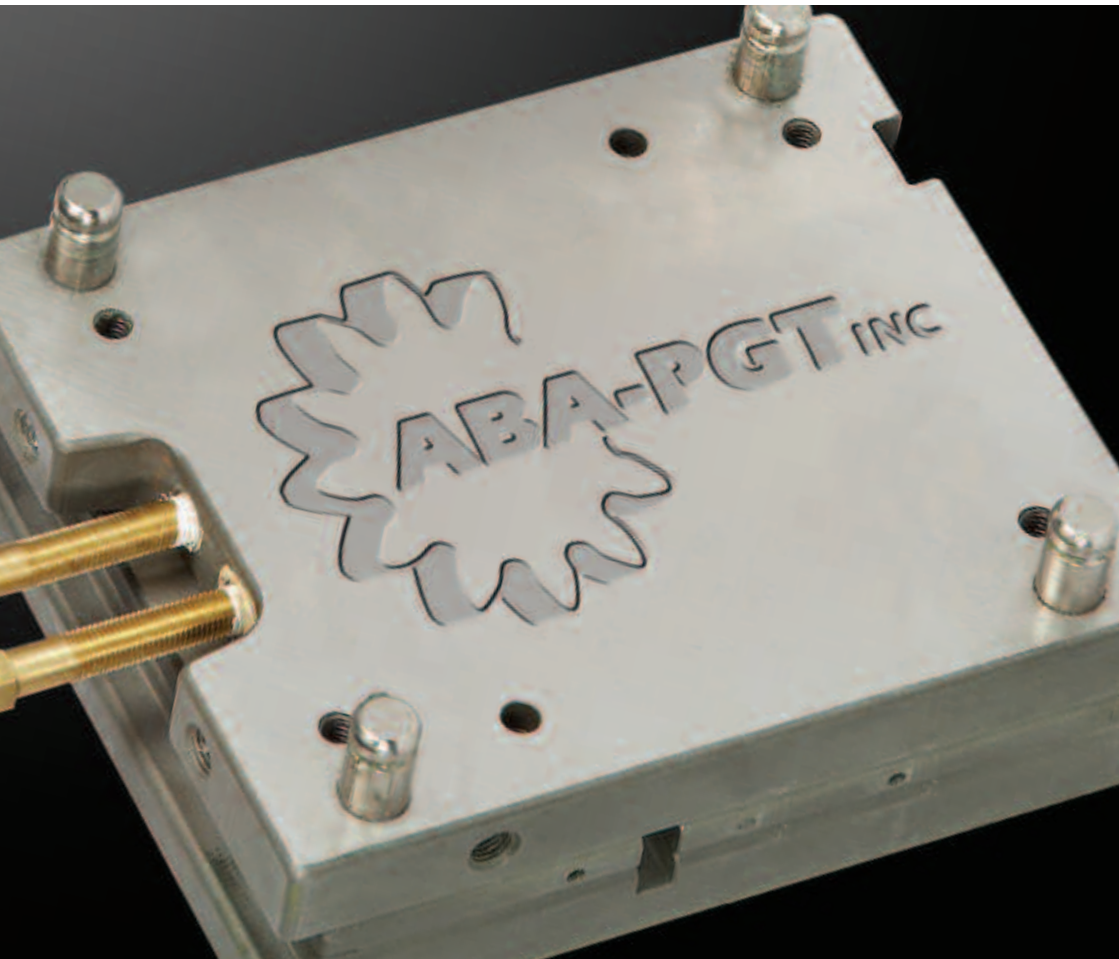


Don't let
our name
puzzle you.



The first thing it spells is "The High Visibility Developer"



For a moment, don't try to decipher the acronym. Consider what it stands for:

One fully integrated supplier of high-precision molds and high-volume precision-molded products.

One source for every service from design through production, offering ideas that save time and money along the way.

Proven quality, including injection-mold tooling at Class 101, a one million shot service commitment; and plastic injection molding with a CpK value of 1.67 – minimum.

A partner who listens, who returns your calls, always ready to help, whether you need gear engineering, a part analysis, a prototype or a production status report.

You want a highly visible contributor on high-visibility products.

We want to be your first choice for precision motion-transfer solutions – as we are for so many companies around the world.

That's ABA PGT:
The High Visibility Developer.

HOW DO WE DELIVER ON THAT PROMISE?

One source. Fewer problems.

Every service – complete gear mesh analysis, comprehensive engineering design, prototyping and pilot through full-scale production – is here, in our facilities.

So you get perfect coordination, greater speed and no finger pointing. Our prototyping tools are created in-house by the same craftsmen that produce the tools for production.

High visibility means high accountability. We believe that.

Proactive ideas.

We offer new ideas at every stage, to head off problems, improve product performance, eliminate waste and cut development time.

High-level problem-solving experience.

Our team has worked on everything from custom gears, timing belt pulleys, cams, mechanical components, complete assemblies and completely new concepts, for applications from automotive to biomedical to office equipment.

CAD to prototype in seven business days or less.

Yes, you read that right.

Quality that doesn't wait for production.

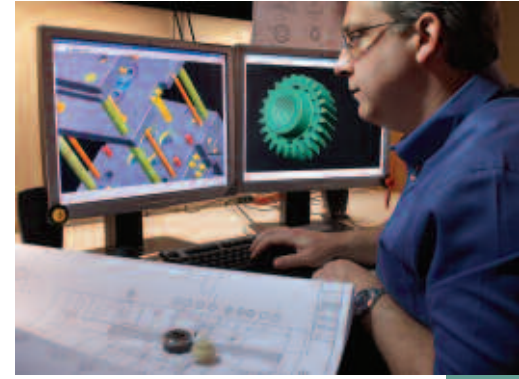
Our prototypes meet the same demanding levels as final parts, meeting critical to-function characteristics.

Custom assembly capabilities.

As value added services, we can provide custom assembly or secondary machining. Our assembly operations include ultrasonic welding, pad printing, hand or automated machining, and a special flexible packaging cell.

Head off problems at the bridge.

We're specialists at creating a smooth, efficient bridge process, from idea to production.



Manchester molding



Vernon molding



Manchester tool building



It also spells "The Invisible Supplier"



You know what you don't want to see: quality inconsistencies, blown deadlines or surprise charges.

All you want to see is on-time delivery.

That's where ABA-PGT takes the relationship after development.

That's why we pride ourselves in being "the Invisible Supplier".

Invisible, in the problems you avoid, because our products make yours work better.

Invisible, because our assembly capabilities can complete the loop, for consistency you only get when the same eyes are watching every phase of your project.

Invisible, because our internal reject rate is so low and quality assurance is so high. In fact, customers regularly report that they've reduced the number of incoming inspections. Time better spent.

Invisible. Once the part is in production, you won't need to look after it.

All you see is results.

HOW DO WE MAKE OURSELVES DISAPPEAR?

Performance that means you'll virtually never see a problem:

QUALITY TO THE HIGHEST POWER

Harder molds.

We adhere strictly to a Rockwell "C" hardness standard of 50-52 for frames and 52-62 for cavity details, with precision jig grinding. The visible difference: longer performance at high volumes. Many of our dies have lasted 40 years or more.

Tool Optimization.

Injection-mold tooling at Class 101. The visible difference: a one million shot service commitment.

CNC-controlled ram or wire electrical discharge machining (EDM) process for cavity tooth forms.

For the ram process, we manufacture our own master gear quality electrodes, properly compensated for molding shrinkage. Our wire EDM process utilizes a dual-wire system: .010 to rough cut and .004 to .002 to finish cut.

Part Optimization.

The visible difference: plastic injection molding with a CpK value of 1.67 – minimum.



Double-flank rolling gear testers with certified master gears measure circular form and gear tooth accuracy.

PGT: ISO9001-2000 certified.



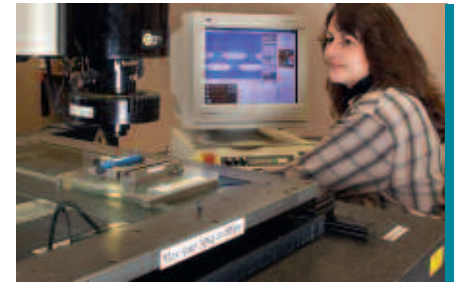
LOW-TO-ZERO REJECTS.

In addition to our rigorous inspections, we monitor production by sensors that can detect, reject and correct even the tiniest variation. Many customers have honored us for delivering 100 million plastic gears without a single reject.

COMPLETE ASSEMBLY CAPABILITIES

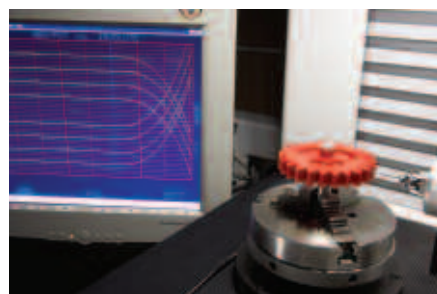
If necessary, we can provide custom assembly or secondary machining. Our assembly operations include ultrasonic welding, pad printing, hand or automated machining, and a special flexible packaging cell.

This OGP Avant ZIP400 video measurement system allows extreme-close-up inspection.



MORE THAN ONE MEASURE OF QUALITY – HOW WE TEST IT

- M&M 150 Gear Analyzer
- Rolling gear testers with certified master gears
- OGP Avant ZIP400 video measurement system
- OGP SmartScope ZIP250 measurement system
- Stereo microscopes
- Z-Mike laser bench micrometer
- Gage Talker Visual Real-Time Et Visual Analyst
- SPC software
- Mitutoyo SJ400 Surface Analyzer



Our M&M Micro-Top Gear Inspection System provides elemental gear tooth analysis to a repeatability of .00004 inches.

Our mold-making department is fully equipped for Wire EDM, RAM EDM, high-precision CNC machining, jig grinding, 5-axis high-speed machining and electrode manufacturing.



Another definition of invisibility. The speed you need.

Our satellite "lights-out" facility in Vernon, CT can run 14 electric, automated molding machines and sprue pickers, producing parts an order of magnitude more consistent than comparable hydraulic machines.



Robotic production features an enclosed conveyance system, built to accommodate the uniqueness of every design.

VISIBLE SATISFACTION.

High volume production.

Our fully automated "lights out" plant, made possible by advanced robotics, can run 24/7 with only a day shift needed. So we achieve high volumes – at times, in the tens of millions – at reduced costs. And that helps you, the customer.

On-time delivery.

Your business and ours lives and dies on timely delivery. So our systems are meticulous, tracking every order. During the past three years, our on-time delivery rate stayed over 95%. In all that time, customer complaints represented less than .02% of sales.

COSTS YOU WON'T BE SEEING

Our Class 101, hardened molds have a one million shot service commitment. So you'll never see surprise charges for repairs, maintenance or replacements.

INVISIBILITY. YOU'LL SEE THE ADVANTAGES QUICKLY

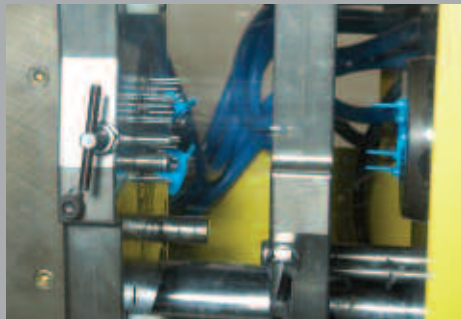
Invisibility. It means that once your part is in production, you don't have to think about it again. More important, once it's in your product, you won't be seeing it again.

On your next job, let us show you how we make difficulties disappear.

It all adds up to high-visibility Return On Investment.

In fact, the biggest problem you'll have with ABA-PGT is figuring out our acronym.





Toll-free 1.877.840.2172
info@ABAPGT.COM
www.ABAPGT.COM

AND NOW, THE ACRONYM BEHIND THE NAME.

Our founders – Anderson, Bertsche and Anderson – established ABA in 1944. Their ambition was to design and build superbly crafted components for the aircraft industry.

During the 1960s, the company began making molds for plastic gears. Many of those gears are still hard at work today.

In 1969 ABA formed Plastics Gearing Technology (PGT), its injection molding division.

These two groups work as one to get the job done.

In 1989, our employees became owners, as ABA-PGT became an ESOP company (Employee Stock Ownership Program). So everyone here has a vested interest in your success.



Our gears are always turning.

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info@abapgt.com www.abapgt.com



"The best possible gear for any application is the least expensive gear that will do the job."

*William McKinlay
Samuel Pierson*



"Over the decades our knowledge, tools, and processes have changed, but our culture remains the same – 'Do it right each step of the way'."

*Roger E. Anderson
Vice President*

