

**STRETCHING YOUR  
OPERATING BUDGETS IN A  
DIFFICULT ECONOMY**

At Graham Engineering, we know how to help you keep running efficiently, even as your operational budgets are tightening.

We start by building rock-solid machines. With proper maintenance, these machines will be with you for a long time.

Our Global Service Team stands ready to help you maintain these machines so that they will run at the highest possible efficiencies. From routine scheduled maintenance to full rebuilds, our professionals know how to get the job done.

But we don't stop there. Take advantage of our processing expertise to improve your production efficiencies. Ask how we can help you reduce energy and improve techniques with an in-plant efficiency audit.

Why not call us and see what Graham can do for you?



**Technical  
Service**

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**Production Optimization,  
Machinery Maintenance  
And Training Programs**

**Keeping Your Machines  
And Employees at Top Efficiency**



**GRAHAM ENGINEERING CORPORATION**

- In-Plant  
Maintenance  
Programs**
- Energy Audits**
- Operator  
Training**
- Maintenance  
Training**
- Processing  
Know-How**



# Graham Expertise at work for you

KNOWLEDGABLE PROFESSIONALS WHO KNOW HOW TO IMPROVE YOUR BOTTOM LINE

## In-Plant Maintenance Programs

Is your maintenance staff stretched to the limit? We can help! For example, our professional technicians can take care of the more difficult maintenance tasks on an annual, twice-yearly or quarterly basis – freeing up your maintenance department to concentrate on routine lubrication and minor adjustments. We will tailor a program for you, working to meet the specific needs of your operation.

## Container Light Weighting

At GEC, we know how to light weight containers. Think about it – in most cases 70-80 percent of the cost of each container you make is in the resin. We combine years of know-how with Computer Aided Design to optimize the design of containers to reduce weight without compromising end-use performance. Then we tap into our processing know-how to optimize the container formation by controlling the extrusion and blowing processes.



## MAINTENANCE AND TRAINING SOLUTIONS

- ROTARY WHEEL MACHINERY
- ACCUMULATOR HEAD MACHINERY
- B-30 AND C-30 WATER BOTTLE MACHINERY
- RECIPROCATING SCREW AND SHOT POT MACHINERY
- SHUTTLE MACHINERY
- EXTRUDERS AND HYDRAULIC SYSTEMS

# optimum solutions for your processing needs

## FAST RESPONSES IMPROVED MACHINERY OPERATION

## ENERGY AUDITS

Is the high cost of energy dragging your bottom line down? We can help you do something about it! We have the tools to measure the energy use and efficiency of your entire range of blow molding equipment.



Then, we can provide guidance on how to reduce energy usage, and improve your Overall Equipment Efficiency (OEE). We know the “tricks of the trade” that can help you to reduce the power that you buy.

In many cases, we can suggest upgrades or modifications with very short pay-back periods.

Contact us for details and to schedule your appointment today.

## SAVE MONEY ON EVERY CONTAINER YOU MANUFACTURE

If your machines are not running at optimum efficiencies, you are wasting money that could be going straight to your bottom line. GEC can help.

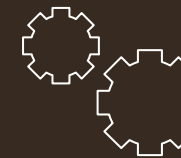
## PROCESSING EXPERTISE

Our processors have accumulated a wealth of knowledge. We can help you coax higher efficiencies from your machinery.

- Machine Setup and Processing Conditions
- Extrusion Optimization
- Parison Programming and Weight Distribution

## CUSTOM TRAINING

We are willing to share our expertise with your team. We will provide training in your factory, or in ours. We believe that a combination of classroom training and machine-side, hands-on guided experience is the best approach. We will work with you to ensure we cover the topics that your team needs the most.



## PRODUCTION OPTIMIZATION

Put our years of experience to work for you! At Graham Engineering, we know how to optimize processing to provide consistent containers at the highest quality and the lowest cycle time. We will help you send fewer containers to the grinder, more containers to the warehouse, and higher profits to your bottom line.



## TAILORED TRAINING

We know how difficult it is to develop and retain experienced personnel. With high employee turnover the norm, an increased emphasis on training is a must. Why not trust your training to the people who know your equipment inside and out? We will tailor a training program to your specific needs – and conduct this training in your facility, or ours.



## MAINTENANCE PROGRAMS

We know how difficult it is to find and retain qualified maintenance personnel. Why not let Graham help you by suggesting a maintenance program that is tailored to your specific needs?

