Our long history and experience with various industries and processes at GEC give us a unique perspective and ability to serve the OEM plastic processing market. Our broad experience base allows us to engineer a product for other equipment vendors to adapt to their particular customer needs. A deep understanding of the polymers and up/downstream processes, along with our custom extrusion focus, allows us to add value to the OEM's approach, not just simply providing an extruder. Our flexibility in providing single-screw extruders in whatever form and level of completion the OEM desires allow the OEM to optimize their process. Whether we supply a fully functional extruder with controls, a skid of extruder parts, or anything in between, we are ready to serve the needs of the OEM. Our vast experience providing integrated solutions directly to processors and OEMs alike enables us to tackle any application and integration project confidently.

Proudly made in the USA, the ULTRA is available in 16 sizes and hundreds of possible configurations, our ULTRA extruders offer proven technology and high-quality components with all of the technical features your application requires. Each ULTRA extruder is backed by our unique customer protection plan, including:

- Three Year Warranty
- Comprehensive Wet Testing
- Complete Spare Parts Package
- Performance Guarantee

Graham Engineering’s exclusive PC-based control system is designed specifically for extrusion and extrusion blow molding machinery. Developed in 2001 as a replacement for traditional PLC-based systems, it provides more flexibility, a higher performance, with a lower cost. The Navigator control system comes in three versions to fit your needs. XC100, XC200, and XC300 provide varying integration, optimization, and customization levels to your Graham Engineering ULTRA extruder.
BLOWN & PACKAGING FILM
Understanding the processing needs of a blown film line and physical space requirements makes GEC an ideal partner for blown film OEMs. Our Bakdraft machine ensures no airflow disturbances from the barrel cooling process affect the bubble's quality. Further, our low-boy product allows for efficient use of headroom for multi-story towers. Our flexibility in extruder mounting arrangements is conducive to any oscillation chosen by the OEM.

CAST & BIAx FILM
GEC understands the need for high output with unwavering stability required by cast film processors, including biax manufacturers, and is an ideal partner for OEMs in this industry. GEC provides the optimal solution for the cast film OEMs, from challenging raw material feed to complex tooling interfaces.

FIBER
From high volumes of super high melt flow polymers common to the melt-blown industry to precision output with pressure control for the medical suture market, GEC understands the needs of fiber producers and can assist the OEM in creating a unique and high performing single screw extrusion system.

WIRE & CABLE
GEC has a long history of selling high-quality wire and cable systems into the most demanding applications. This understanding of the end-use needs provides a level of confidence and knowledge of the applications to OEM's. Whether a traditional thermoplastic, silicone, or rubber wire coating, GEC can be trusted to provide the wire and cable OEM with a very high quality, robust, single screw extruder to integrate with up and downstream equipment for wire coating.

COMPOUNDING
If single screw extrusion is appropriate for a processor's compounding or pelletizing needs, GEC is an ideal partner for an OEM. A long history of screw design with various types of feedstocks - pellets, micropellets, flake, fluff, powder - gives us the ability to offer a wide array of throughputs on virtually any resin necessary. GEC's can provide pelletizing extruders with 1" diameters through 10" diameters.

PROFILE & PIPE
Profile extrusion requires single screw extruders that are flexible, adaptable, and rugged. GEC's extruders, with thousands of options and add ons, can adapt to the needs of a profile OEM supplier. Integration with upstream and downstream components is critical in providing high-quality, repeatable profile extrusions. GEC's long history with this crucial requirement gives the OEM many options in selecting the level of control and integration.