



We are here for your wire & cable needs



Modular Extruder



We provide extruders & small diameter turnkey extrusion systems specifically designed to meet the needs of the wire & cable market

Extruders and turnkey systems for the following wire & cable markets:

- Energy
- Fiber Optic
- Telecom
- Building
- Automotive
- High Temperature
- High-Speed Data
- Specialty
- Medical
- Rubber/Silicone
- Conduit

ULTRA Series Extruders

These extruders are designed for a variety of wire & cable applications & include a heavy duty doublereduction gearbox, deep finned cast barrel heaters, single or dual bolt heated clamps, & die hinge support arms. The control panel can be mounted on the extruder base or floor mounted.

We offer the following commercial advantages:

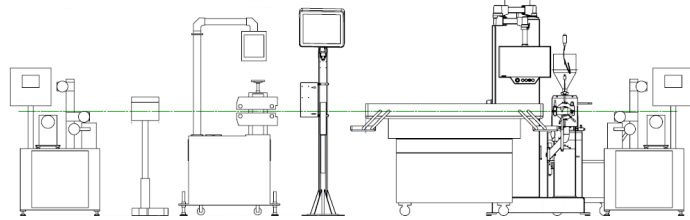
- No Risk Guarantee - for peace of mind
- Three Year *Warranty - for extended coverage (extruder)
- 24/7 Service - for fast response
- Wet Testing Prior to Shipment - for proven performance
- Free Spare Parts - for reduced downtime
- Fair Spare Parts Pricing - for low long-term cost of ownership

*for systems with North America & Europe, consult the factory for more details

Navigator® Controls

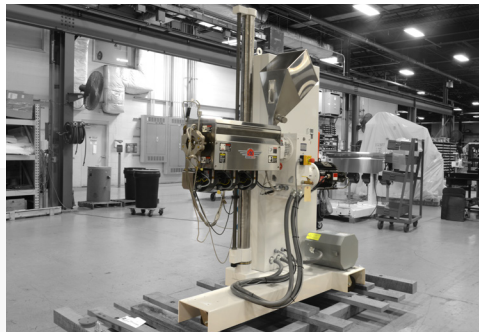
Graham Engineering's exclusive PC-based control system is designed specifically for extrusion and extrusion blow molding machinery. Developed in 2001 as a replacement for traditional PLC-based systems, it provides more flexibility, a higher performance, with a lower cost. The Navigator control system 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.





Turn-Key Systems

We specialize in advanced closed-loop jacketing systems for small-diameter cable, fine wire FEP, & braided mandrel applications. Complete systems are available with very low tension take-ups & payoffs, servo-driven capstans, capacitance/diameter control, Steward® feed screws & Navigator® touch screen systems. We offer complete system integration & engineering services backed by a comprehensive factory acceptance test and training & start-up assistance after the system is installed at the customer's facility.



Modular Extruder

Our unique Compact Modular series is designed specifically for medical and fine wire applications. The electrical controls are easily serviced and integral with the extruder frame, providing the benefit of reduced machine width and reduced floor space. The low profile control panel enables the operator's unobstructed view across the clean room production area. This machine can be used as a primary or co-extruder.

This machine is available with an option to include the entire main frame & safety guards to be made of stainless steel in place of standard painted steel. Barrel modules are available in Standard Configuration (STD), Corrosive Resistant (CR), and High Temperature (HT) and are completely interchangeable.

AKcent® Co-Extruders

Well-suited for all extrusion applications, including wire & cable, profile, and tubing, AKcent® co-extruders are available in a wide range of configurations & options

We offer AKcent® series, full tilt, portable, extruders in single & dual post configurations. Single post machines include our proprietary EZ-Tilt mechanism for safe, quick & accurate angular adjustments. Available in sizes: 1/2" (12.7mm) to 2" (50mm)

ULTRA R/S Extruders

The feed roll is independently driven with an AC vector or Servo motor connected to an inline helical gearbox. The final connection from the gearbox to the feed roll is a timing belt. Control of feed roll speed & torque is independent of screw speed for maximum process control. This design eliminates the need for a clutch type system which reduces maintenance cost and improves process flexibility. All serviceable drive components are non-proprietary and readily available on the open market.

