

**The most advanced
rubber extruders
available on the
market today.**

These machines feature multiple innovations that provide dramatic improvements in process performance, serviceability, and longevity:

- Unique Feed Roll Design
- Easy Removal of Feed Roll
- Wide Feed Opening
- Heating/Cooling System Options
- Independent Roll Drive

Ultra R/S Extruders for Rubber

ULTRA R/S Rubber extruders are fixed horizontal extruders ranging from 1.0" to 4.5" diameter, any L/D, vented or non-vented. ULTRA R/S Rubber extruders come standard with electric heat & bolt-on cast aluminum double-pass water cooling. Temperature control units for screw & head tooling can be supplied, mounted, & pre-plumbed to the extruder base.

The ULTRA R/S is well suited for all extrusion applications including tubing, automotive profiles, sheet, wire & cable, etc. They may be mounted on wheels with or without track, with or without some limited height adjustment. Special extruder & base configurations are available upon request.



We offer the following commercial advantages:

- No Risk Guarantee - for peace of mind
- Three Year *Warranty -for extended coverage (extruder only)
- 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 and Europe, consult the factory for more details



Unique Feed Roll Design

The proprietary “Power Hinge” roller feed assembly opens with the push of a button providing total access for common service & maintenance. The scraper blade is easily accessible for adjustments or removal.

The hardened & chrome plated roll is easily cleaned or removed for service. Feed roll bearings are well protected from rubber contamination. The extra wide feed opening enhances flexibility for processing.



Heating/Cooling System

Base mounted closed-loop cooling system including heat exchanger, stainless steel bodied pump, reservoir, & manifold. Each temperature control zone includes a flow indicator, solenoid valve, & metering valve pre-piped to the cooling system. Cast aluminum bolt-on heaters with cast-in Inconel cooling tubes feature our Proprietary Even-Flow technology which guarantees balanced water flow to both halves of the heater. Special cooling system designs can be provided upon request.



Independent Roll Drive

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.