

ULTRA R/S EXTRUDERS

The seasoned team at American Kuhne has more than 500 years of combined experience in the extrusion field (over 100 years specifically in silicone and rubber). They have designed and manufactured over \$130 million worth of extrusion machinery over the past twelve years from their New England facility. The company has achieved double digit average annual growth by providing advanced technology, outstanding support, and superior value by leveraging the strength of their team and working closely to understand the needs of their customers. American Kuhne provides standard and fully customized extruders, high performance screws, and turn-key systems.



visit www.americankuhne.com



ULTRA R/S EXTRUDERS FOR SILICONE

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ULTRA R/S EXTRUDERS

FOR SILICONE

*Designed and Manufactured
in
America*



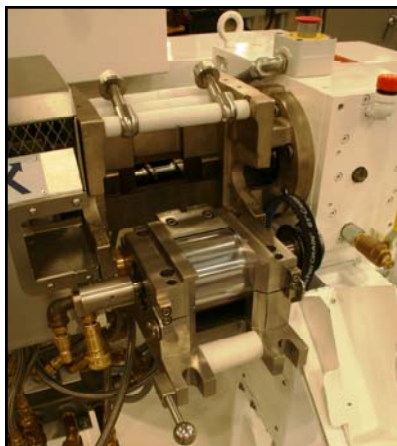


ULTRA R/S Extruders for Silicone

After years of development, American Kuhne's experienced engineering team has designed the most advanced silicone 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

The proprietary hinged roller feed assembly opens by loosening two simple swing bolts to provide total access for common service and maintenance.



The scraper blade is also easily accessed for adjustments or removal. The casting is nickel plated. The hinged arm and hardened feed liner are stainless steel for abrasion and corrosion resistance. A standard drive belt provides reliable power transmission to the feed roll.

There is an integral water cooling jacket in the feed section casting and the chrome plated hardened feed roll is also internally cooled. A second hinge opens to provide easy removal of the feed roll and bearings for service. Feed roll bearings feature special seals to minimize silicone contamination and are easily accessed for thorough cleaning. Spare feed rolls and bearings can be provided for quick rotation during material/color changes. This, in turn, enables unprecedented fast change-overs between runs. The extra wide feed opening enhances flexibility for processing.



The barrel cooling system features cast aluminum bolt-on water jackets with cast-in double pass cooling tubes for maximum heat transfer. Internally cooled hardened and polished screws further enhance processing consistency, minimize gauge variation, and maximize product quality.

Magnetic Particle Clutch

The feed roll is powered by a reliable, magnetic particle clutch driven directly off of the drive motor shaft.



This configuration provides accurate and repeatable torque control for consistent process feeding. All serviceable drive components are non-proprietary and readily available.

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