

## 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 rubber and silicone). 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](http://www.americankuhne.com)



### ULTRA R/S EXTRUDERS FOR RUBBER

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## ULTRA R/S EXTRUDERS

### FOR RUBBER

*Designed and Manufactured  
in  
America*





## ULTRA R/S Extruders for Rubber

After years of development, American Kuhne's experienced engineering team has designed 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

The proprietary "Power Hinge" roller feed assembly opens with the push of a button providing

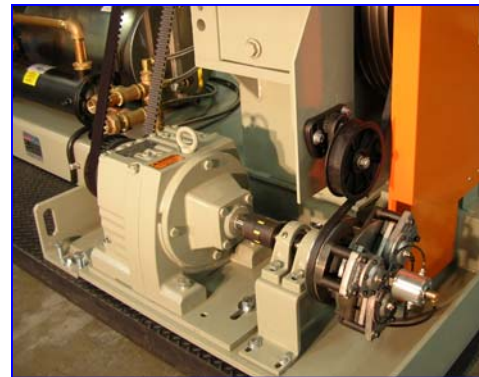


total access for common service and maintenance. The scraper blade is easily accessible for adjustments or removal.

The hardened and 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.

### Pneumatic Clutch System

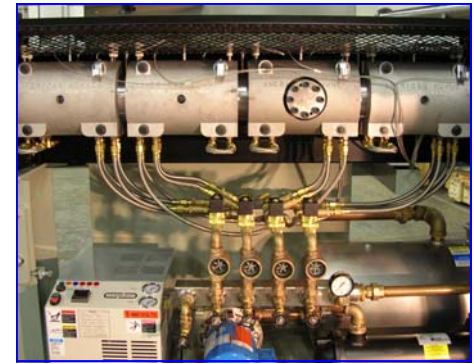
The feed roll is powered by a simple, reliable, and accessible pneumatic clutch assembly driven off the high



speed shaft of the extruder gearbox. This high speed operation requires less torque and provides improved cooling for longer clutch life. The modular clutch enables fast, easy friction pad changes or an optional independent torque motor drive can be specified. The final drive timing belt is more reliable than conventional chains. All serviceable drive components are non-proprietary and readily available on the open market.

### Heating/Cooling System

Rubber processors can choose between circulating water or electrically heated/water-cooled systems.



Both approaches include American Kuhne's high thermal efficiency double-pass cast aluminum barrel jackets to optimize process control and cooling efficiency. Cost effective custom designs are also available.

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