We provide extruders & Steward Barrier® screws specifically designed to meet the needs of the blown film processing

Extruders for the following blown film markets

- Shrink Film
- Agricultural Film
- Barrier Film
- Can Liners
- Medical Film
- Stretch Film
- Converter Grade Film

Ultra Series Low Boy Extruders

These extruders include Steward Barrier® screws for high output and low melt temperature, heavy duty double reduction gearbox (gearless is optional), AC motor, deep finned cast barrel heaters, & smooth or grooved feed sections. Control panels can be provided mounted on the extruder base or remote mounted.
Blown Film Solutions

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 & Europe, consult the factory for more details

Convertible Extruders

Convertible extruders are engineered for extreme flexibility. This unique machine features the ability to quickly and easily change from smooth feed to grooved feed for “swing line” blown film applications.

Backdraft

Reverse Air cooling system. For optimum bubble stability, a special barrel air cooling system is available that includes a common remote mounted suction fan for all heater zones & a vacuum air plenum integral with machine base that sucks air away from the extruder to reduce the amount of heat near the extruder & to eliminate air currents near the bubble area.

Gearless

Extruders can be supplied with an AC motor & gearbox, or a gearless torque motor that eliminates the gearbox, gear oil & gear oil disposal. Gearless is a compact design that saves energy, is easier to maintain, & operates at a low noise level. Additional energy efficient options are available.

Each American Kuhne extruder includes a Steward Barrier® Screw that is custom designed for high output & low melt temperature. Our design maintains excellent melt quality & pressure stability resulting in optimized film optical & physical properties.