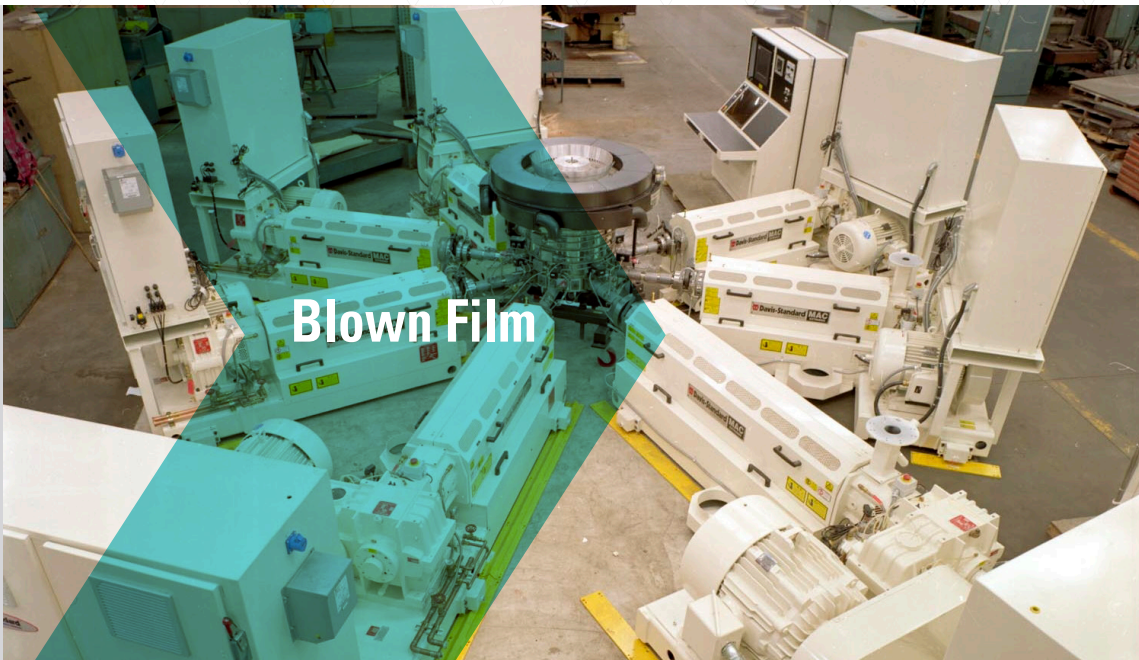




DAVIS › STANDARD®

Where your ideas take shape.



Blown Film Overview

Overview

Our blown film technology is engineered to support wide, high-speed blown film processes. We have proven components that enable us to supply complete systems or upgrade existing machines. Our feedscrew technology is recognized industry wide for having the lowest melt temperatures, highest melt and pressure uniformity and best rates. Custom designed dies and the WesJet air ring offer unparalleled profile control. Automatic winders and installation services complement the project management approach.

Regardless if the line is for high-speed can liners, a custom technical coextruded film, laminating films, barrier film, or high output agricultural film, we have the technology, designs and equipment to meet your needs.

Key Features

Meets exact processing needs for:

- Industrial Films and Bags
- PVC Cling Films
- Agricultural and Construction Films
- High Barrier Small Tube Systems
- Barrier Films
- Can Liners
- Stretch Films
- Laminating Films

Blown Film Overview



Can Liners



Agricultural & Construction Films

AGRICULTURAL & CONSTRUCTION FILMS

- Super Air Cooled MAC extruders utilize the single high volume suction blower concept for cooling. Low maintenance.
- DSB II screws in special diameters of 130 mm, 150 mm, 165 mm, 200 mm and 220 mm provide uniform high output of LLD/LD/HD/EVA blends. Best MD variation in industry.
- Centrex dies allow for easy operator access and excellent uniformity to <5% before auto adjustments.
- WesJet air rings and IBC provide high cooling rates and increased bubble stability.
- WesJet TPC air rings cut the gauge variation in half.
- Collapsing frames can be wood, covered slats or roller with partial or full gussets.
- Folding.
- Winders can be shafted or shaftless.
- Small roll winders available with automation.

CAN LINERS

Davis-Standard understands that the primary goal in can liner systems is output. Rates over 25 ppi and increased up time are trademarks of the systems we have supplied to the leaders in the industry. The die systems are stationary with oscillating haul-offs so that jumbo rolls can be made for off line converting.

- Super Air Cooled MAC extruders utilize the single high volume suction blower concept for cooling. Low maintenance.
- Pre-wired control panels mounted on extruder bases reduce installation time.
- DSB II screws with high output mixing.
- Centrex dies allow for easy operator access and excellent uniformity to <5% before auto adjustments.
- WesJet air rings and IBC provide high cooling rates and increased bubble stability.

- ENTRAC units provide increased cooling.
- WesJet TPC air rings cut the gauge variation in half.
- Collapsing frames can be wood, covered slats or roller with partial or full gussets.
- Surface winders for large roll diameters.

INDUSTRIAL FILMS & BAGS

Davis-Standard leads the industry in experience and technology innovation on large, wide blown film systems. There is no better extruder available for high output and low melt temperature than the MAC extruder and DSB II screw. The unique extrusion concept leads to the best and most consistent melt quality (temperature uniformity to 2°F and pressure variation < 1 %) which is necessary to get uniformity from large dies. The die systems can be oscillating up to 1.2 M diameter or stationary up to 2.1M diameter. These systems produce controlled property films at wide width with flat rolls.

BARRIER FILMS

Davis-Standard leads the industry in flexible packaging and recognizes the need for blown film systems to serve high speed converting machinery lines. This is especially true in the area of barrier films where superior roll geometry, gauge uniformity and layer distribution lead to fast conversion speeds on pouch lines, FFA machines and laminating lines. Constant output and low melt temperature from the extruders are vital.

Davis-Standard's extrusion equipment produces the best and most consistent melt quality (temperature uniformity to 2°F and pressure variation <1%) which is necessary to achieve uniformity across all layers. Greater uniformity translates to thinner layers of expensive barrier resins allowing DS lines to produce the most economical co-extruded structures. The die systems are stationary up to 1M diameter. Oscillating haul-offs and roller collapsing frames produce flat, smooth film and rolls. These systems produce symmetric and asymmetric films.