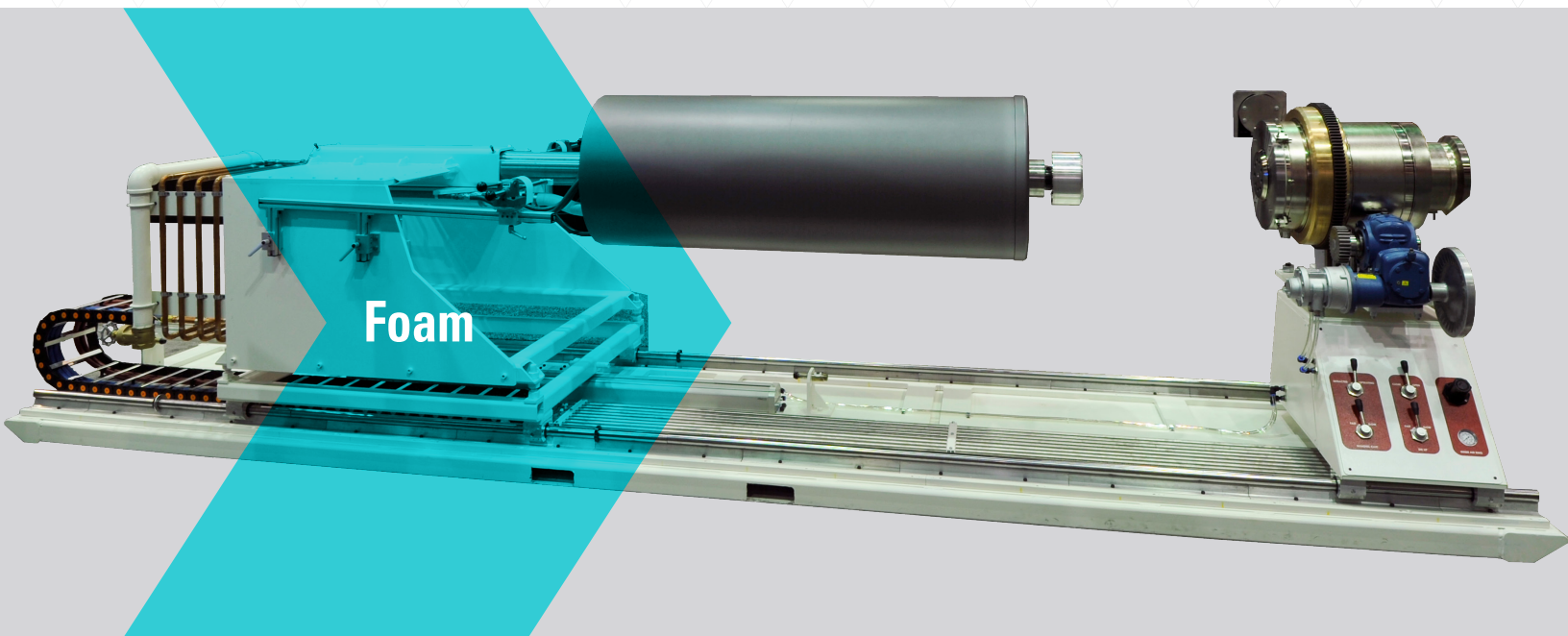




DAVIS STANDARD®

Where your ideas take shape.



Spiderless Foam Sheet Die

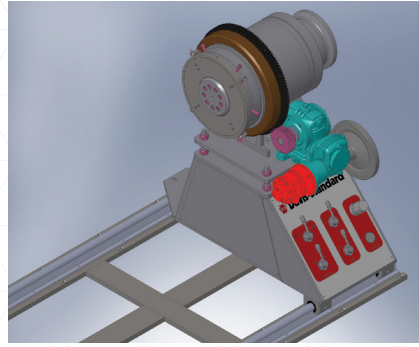
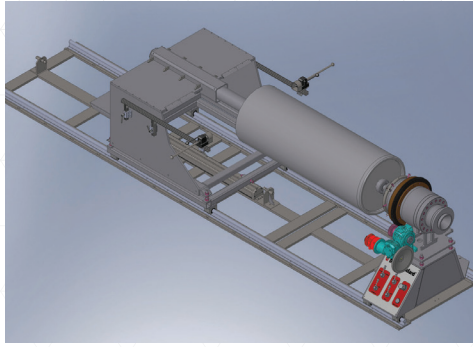
Overview

The Spiderless Foam Die has been designed to meet the demands of both the commodity and high-quality foam sheet markets. Its design has been refined to include features that maximize machine uptime as ease of operation. It is capable of handling both PS and PE through a wide range of thicknesses, widths and densities.

Features

- Die gap/fast gap feature for passing of melt contaminates
- Precise concentricity adjustment
- Fine die gap adjustment
- Thicknesses from 0.040 – 0.500 inches (1-12mm) thick sheet
- Designed for widths from 24 – 120 inches (600-3,048mm)
- Designed for PS, PE and other materials
- Design allows for quick lip change

Spiderless Foam Sheet Die



Spiderless Design

- Provides consistent foam sheet, eliminating spider weld lines
- Uniform basis weight and thickness over entire sheet width; better yield, edge trim not required
- Single die capable of providing single or double web (Spider Die design requires either a single or double spider die)
- Special precise external die lip gap opening and closing adjustment mechanism allows adjustment during full production process without interruption
- External die lip concentricity adjustment

Features

- Up to 3-zones of precise oil temperature control for uniform die temperature (die body, die lips, adapter barrel flange/die)
- Streamlined flow channels
- Nickel plating on all wetted surfaces
- Modular inner and outer die lip inserts for easier, inexpensive replacement of damaged or alternate lip design
- Aluminum construction internal and external air rings (with steel lip inserts for external air ring), labyrinth design for even air distribution for consistent sheet skin surface and uniform sheet cooling
- Die lip fast gap feature to allow quick clearing of melt contaminates