

## **Laboratory & Narrow Web Production Lines**



Future Design is proud to announce the Saturn Laboratory Blown Film Extrusion Systems, which have excellent reputation among the blown film industry. This fully integrated system incorporates a number of patented components to ensure accuracy, stable operating conditions and repeatability under laboratory conditions.

Most of our customers use laboratory lines in research, to establish parameters and discover operating condition for different materials, including new resins and resin blends, biodegradable materials, colors and master patches. Other customers are using them for narrow web production.

Different sizes are available to accommodate different applications, space saving, sharp and clean appearance are some of the features offered with those lines.

Operator's control is supplied with standard or with touch screen according to customer requirements.

Each line is custom designed but usually includes, low pressure Spiral Die to run a wide range of resins, Saturn Air Ring for ultimate cooling control, Bubble Glide for bubble stability, Collapsing unit made of wood or rollers for perfect film collapsing, pneumatic top nip with speed feed back, integrated tower with idlers, integrated surface or cantilevered winder, air blower and manifold

**For more information regarding  
Laboratory and Narrow Web Production Systems [contact](#) Future Design**