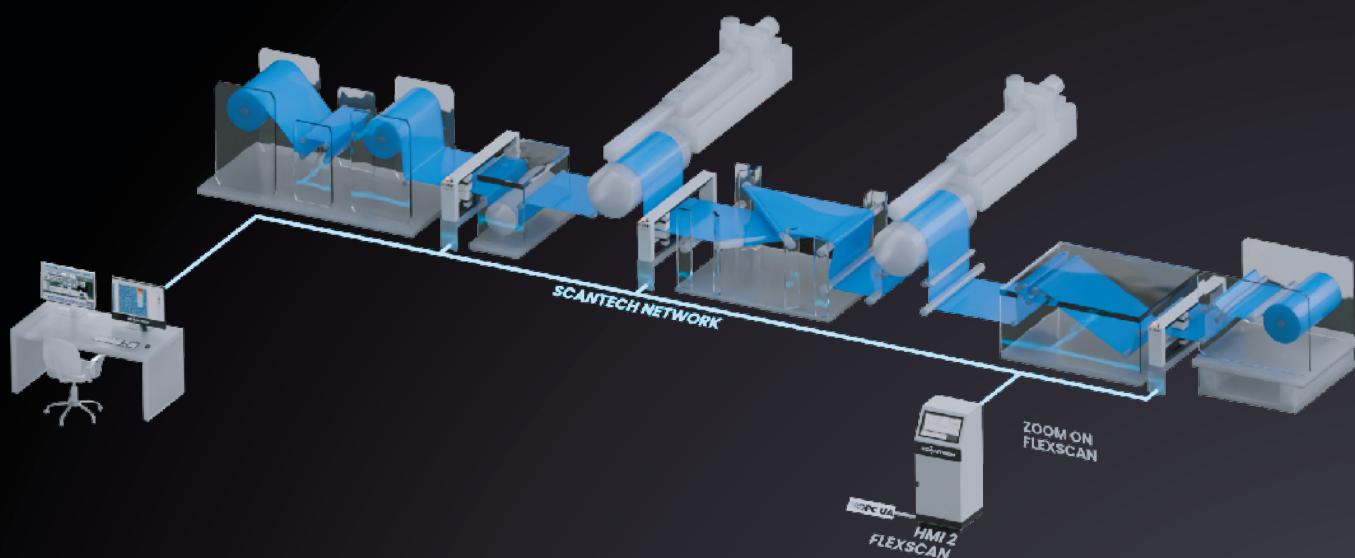


EXTRUSION COATING & LAMINATION

CONVERTING SERIES



EXTRUSION COATING & LAMINATION

THE SCANTECH ADVANTAGE

Whether it's a simple single die extrusion coater or a complex triple extrusion coating & lamination line for aseptic liquid packaging the SCANTECH solution defines basic real time measurement, network communications, data processing, and operator interface functions.

- ✓ Better quality rolls
- ✓ Lower polymer consumption
- ✓ Reduced scrap
- ✓ Faster start-ups (time to get product on-spec)
- ✓ Faster product grade changes
- ✓ A window on the process allowing for informed operator decisions

For most applications where a NET coat weight measurement is needed multiple scanning frames are required. In these cases, SCANTECH's advanced Same Spot sensor scan trajectory tracking feature is a powerful tool.

Real-time intuitive and user-friendly software

Same Spot (Option)

Data archiving / Traceability (Option)

OPC-UA as standard



MEASUREMENTS



Basis Weight (GSM)



Coat Weight

CONTROLS



APC BOLT CONTROLLER

Power & Temperature control
Up to 360 bolts

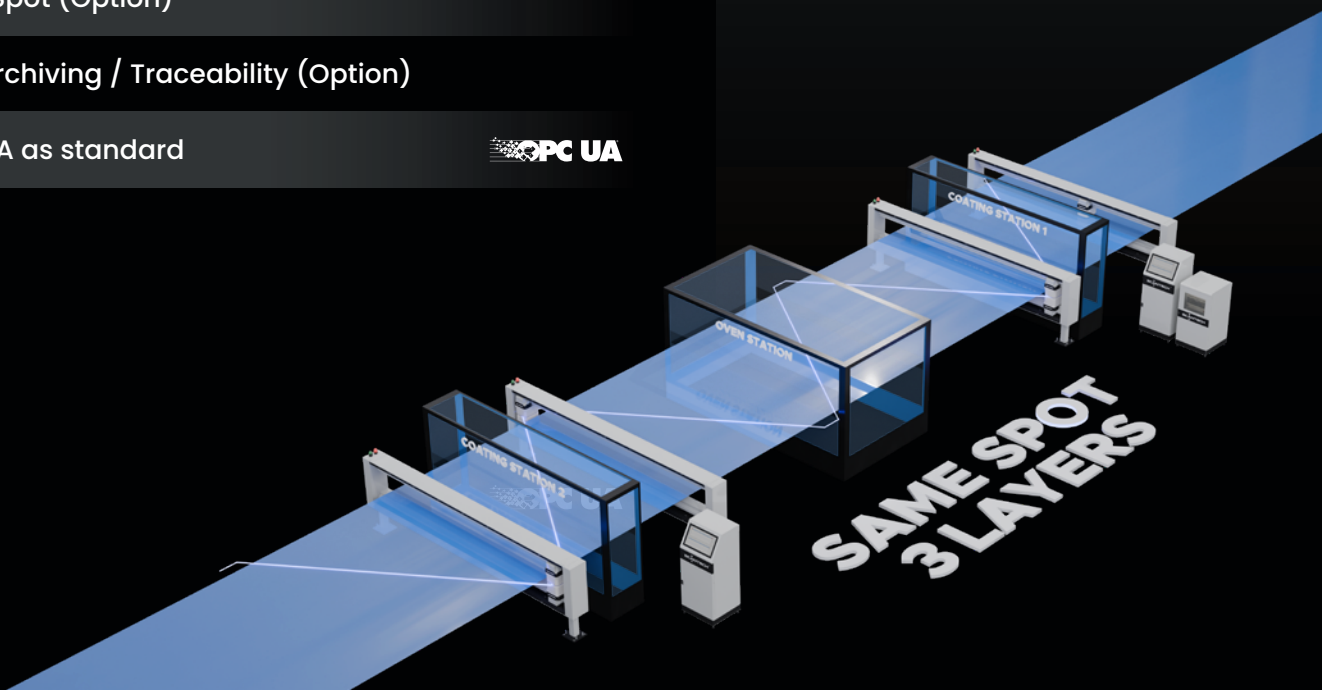


AUTO MAPPING

APC - Auto Profile Control

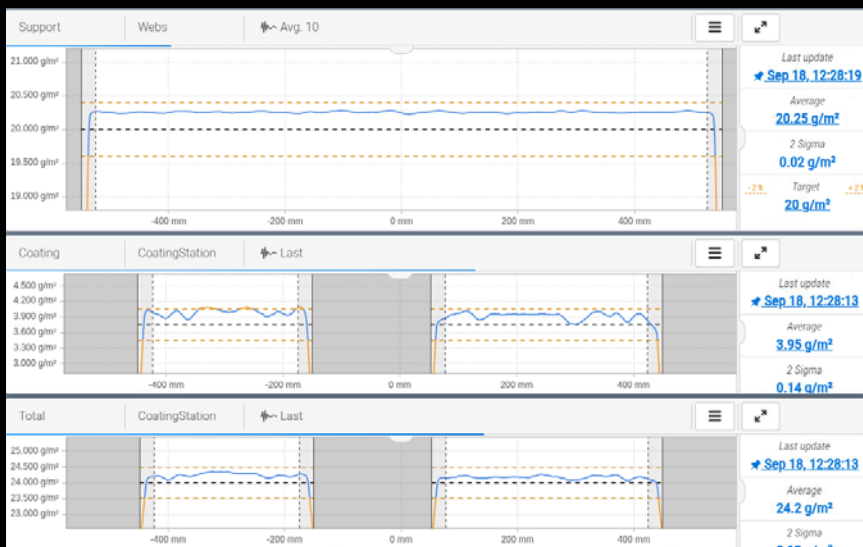


MACHINE DIRECTION CONTROL



An Intuitive Display Structure

The FLEXSCAN Coating software is designed to allow operators to easily navigate the system and access information quickly. This intuitive menu structure enables access to all process information. An on-line help manual simplifies operator use and adoption of the system.

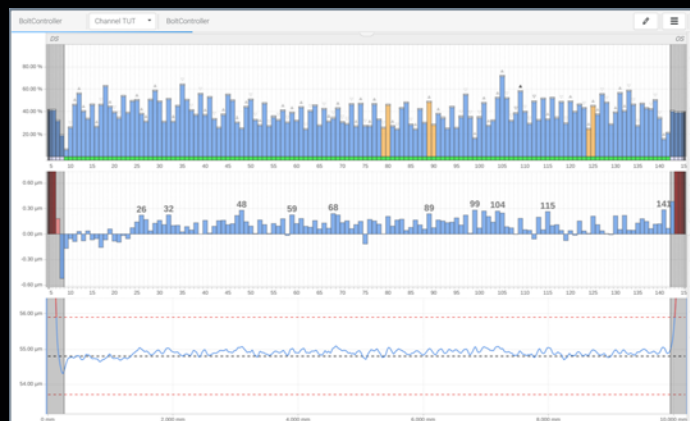


Displays & Functionality

- ✓ Measurement profiles
- ✓ Bolt profiles
- ✓ Multiple Languages
- ✓ Colormap
- ✓ Alarms
- ✓ Trends
- ✓ Statistics
- ✓ Auto-control
 - CD (TD) - APC
 - MD - Machine Direction

The Automatic Profile Control (APC) package includes hardware and software to control auto dies to achieve and maintain cross-direction uniformity of extruded film and sheet. APC utilizes high resolution product profile measurements from the System scanning sensors to continuously adjust die bolts, resulting in reduced profile variations.

MD Control greatly improves product quality by adjusting the process (extruder screw speed, chill roll speed) to hold product to its average target.



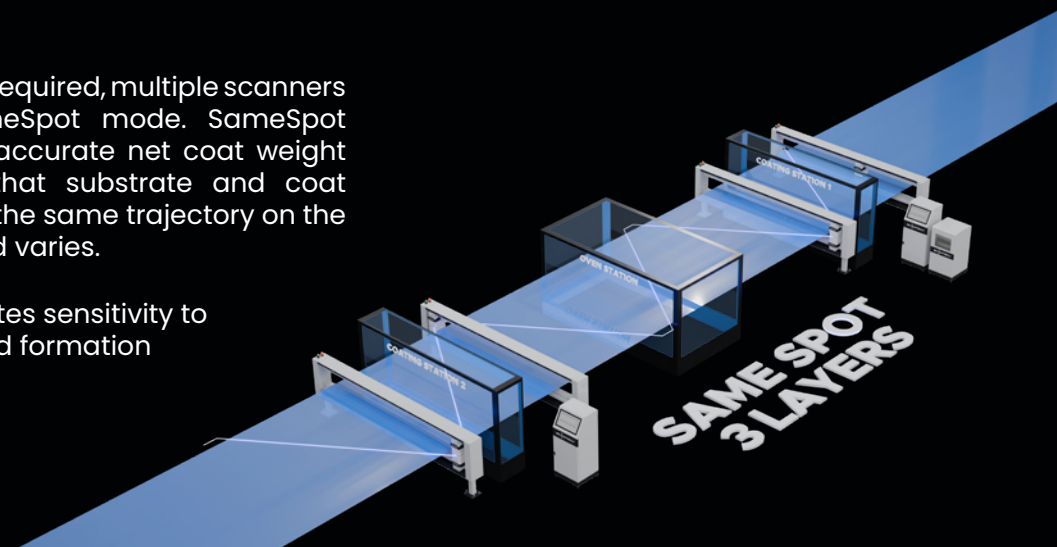
Bolt representation and automatic die control

When coupled with MD Control, APC ensures product uniformity and superior roll quality, resulting in quality improvement, scrap reduction, and material savings for tangible economic returns.

Net Coatweight

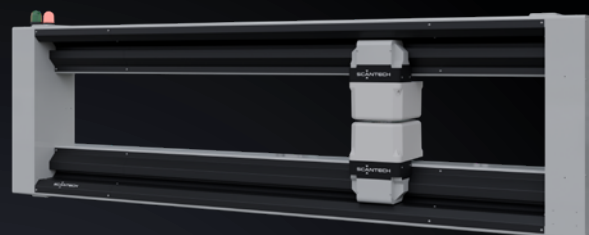
Where the Net coatweight is required, multiple scanners are used running in SameSpot mode. SameSpot Measurement provides for accurate net coat weight calculations by ensuring that substrate and coat scanners traverse precisely the same trajectory on the web (foil), even as line speed varies.

This synchronization eliminates sensitivity to point-to-point variations and formation in the substrate material.



Providing the widest range of scanning frames engineered to accommodate every converting process line including compact narrow web coaters. Every scanning frame model is professionally designed and manufactured to SCANTECH's high standards.

SCANTECH's unrivalled basis weight sensor technologies provide robust and repeatable measurements which we aim to be simple and easy to use with minimal to zero calibration.



A range of HMI solutions is available to suit the customer's requirements and installation space.

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