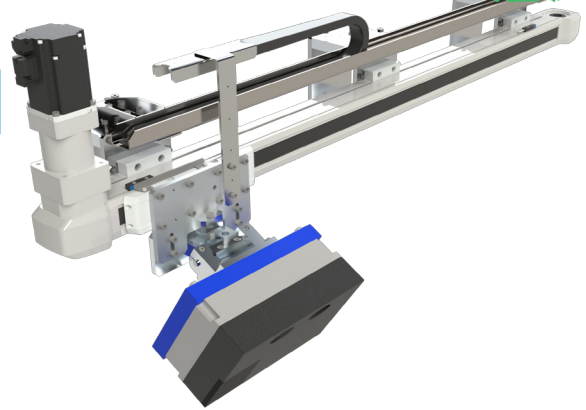




EASYCOATER

Adhesive layer measurement in lamination process

EASYCOATER is the new Syncro device for measuring the quantity and distribution of adhesive during the lamination process. Easycoater utilizes a reflection measurement configuration with easy and non-invasive mechanical installation. The non-contact IR head detects adhesive in the range 0,1 – 10 g/m² along the entire layflat.



OPERATING PRINCIPLE

The device utilizes IR technology to identify the distinctive infrared signature of solventless and solvent based adhesives deposited on lamination substrates and measure its distribution in terms of weight. Simple mechanical structure, adaptable to all lamination machines on the market.

MAIN FEATURES

MEASUREMENT FOR ALL SUBSTRATES AND PRODUCTIONS

Easycoater measures adhesive in the range 0,1 - 10 g/m² along the layflat applied on all lamination supports: printed, metallized, transparent films and polyolefins, ensuring versatility access all production application.

STABLE AND PRECISE

Delivers extremely stable and precise measurement: down to 0,1 g/m² of repeatability. Internal compensation of temperature and humidity in the scanning head guarantees accurate measurements under varying operating conditions.

AUTOMATIC REGULATION

The system manages automatic distribution control: physical (analog signal) or logical (OPC UA) signals are processed for optimal adjustment of the cross-web distribution of the applied adhesive.

FAST SET UP

Average commissioning time is less a matter of minutes, allowing for quick integration into the production process.

EASY ACCESS FOR MAINTENANCE

Easycoater has been designed to guarantee easy access during maintenance operations, while also ensuring long lifetime, with a rugged and robust frame.

FREE MECHANICAL INSTALLATION

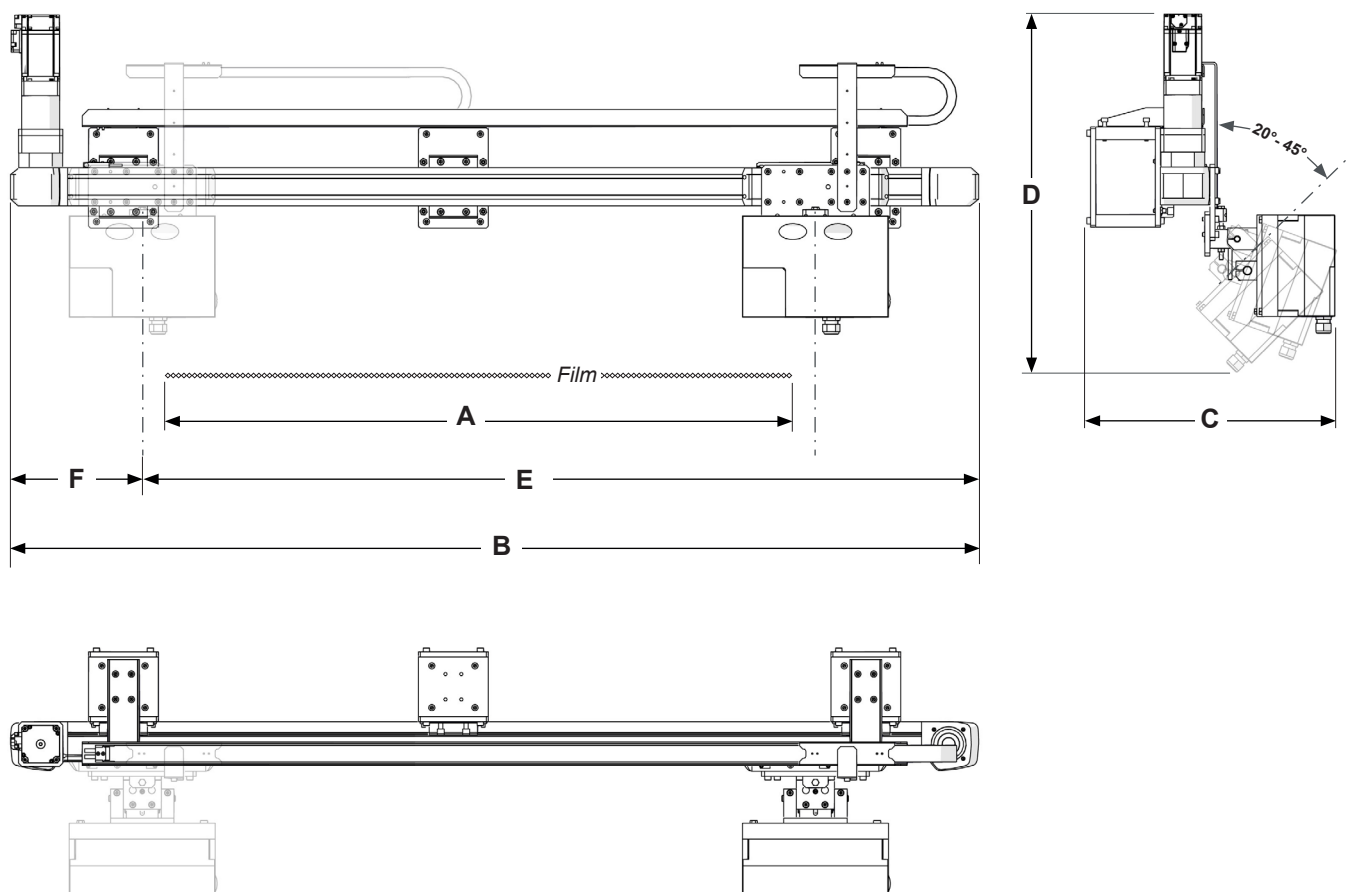
Based on the backscattering principle, Easycoater does not require a second head on the other side of the film, thus allowing direct installation on a single side of the line.

A simple reflective plate can be positioned under the film when it is not possible to measure directly above one of the existing rollers.

INDUSTRY 5.0 & IoT

All Syncro machines are ready to be integrated with third party supervisory controls and ERP systems using the latest generation of OPC-UA protocols as standard.

TECHNICAL DATA



Model*	A max Film width (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Power (kW)	Weight (kg)
1100	1100	1630	400	560	1365	265	2,3	40
1300	1300	1830			1565			45
1500	1500	2030			1765			50
1600	1600	2130			1865			55
1700	1700	2230			1965			60
1800	1800	2330			2065			70

*Others models available on request.