ACELABS
SYNCRO GROUP

EASYEDGE

EdgeAnalisys in textile and steel cord production

EASYEDGE is the new Acelabs device for measuring the rubber edges in a textile / steelcord rubber production process.

OPERATING PRINCIPLE

Two measuring devices each consisting of an X-ray tube and a special Acelabs receiver, monitor the passage of the rubber product by checking the EDGEs on both sides with hight resolution the measurement of the edges is instantaneous and continuous (10 HZ).

MAIN FEATURES

COMPLETE PRODUCT INSPECTION

The product is fully inspected: this allows the user to be able to produce a CERTIFICATION of every reel produce.

NO MECHANICAL INTERFERENCE WITH THE RUBBER

Easyedge, without scanners and heads, solves the problem of the lump, by leaving a space of more than 25 cm for the passage of the material.
No attention is needed from the operators and no lump detector system is needed.
The system allows free installation, even immediately after the calender cylinders. This allows for almost instantaneous and continuous adjustment.

NO MOVING PARTS

The new Acelabs system has no moving parts, eliminating periodic maintenance operations and any machine downtime.
Less spare parts and maintenance cost.

NO CALIBRATION

No post commissioning calibration necessary.

FREE MECHANICAL INSTALLATION

Thanks to the intrinsic absence of dangers due to the lumps and thanks to the slim profile, the Easyedge allows free installation, even immediately after the calender cylinders. This allows for almost instantaneous and continuous adjustment.

ZERO MAINTENANCE

No maintenance required: the system autonomously informs the maintenance people of the need for device checks.

CONTINUOUS EDGE MEASUREMENT

The edges are constantly monitored (<100 msec) and automatic adjustment of the trims is provided.

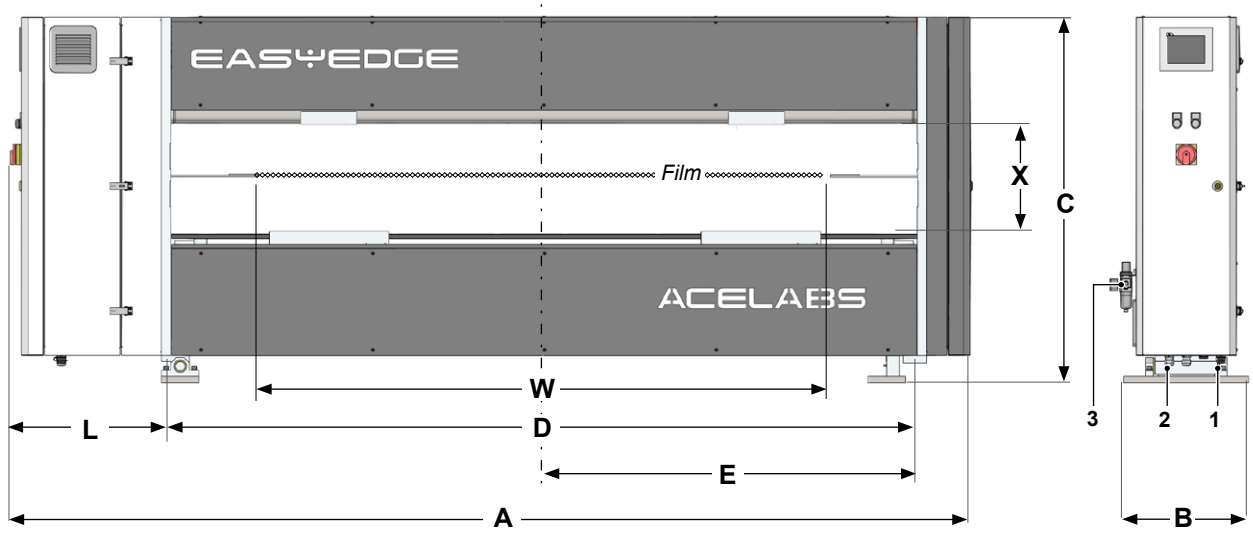
STABLE AND PRECISE

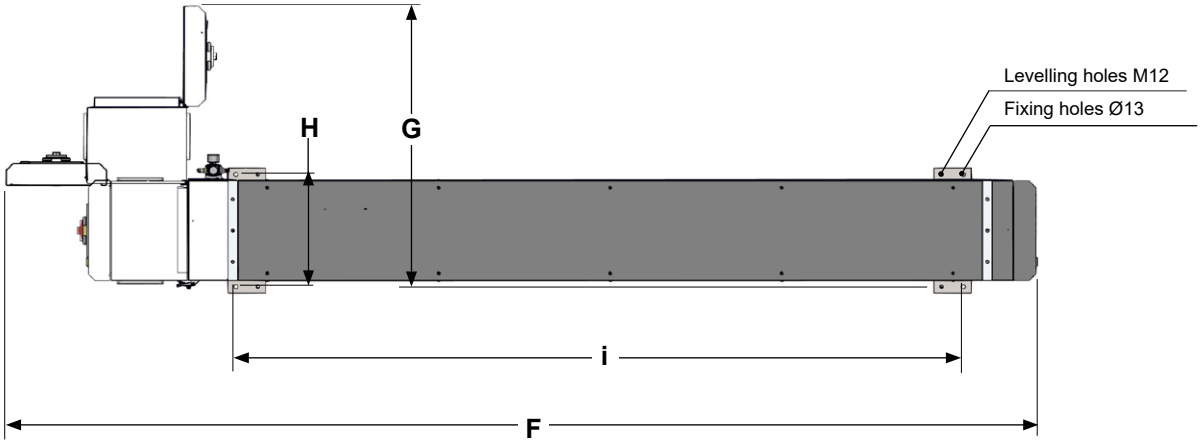
Extremely stable and precise measurement: down to 0,05 mm of accuracy.

INDUSTRY 4.0 & IoT

All Acelabs 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	W max Film width (mm)	X (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	i (mm)	L (mm)	Max Thickness (µm)	Power (kW)	Weight (kg)
1400	1400	300	2820	400	1200	2150	1035	3037	945	360	2093	300	504	0,8	505
1600	1600		3060			2390	1155	3278			2333				540
1_ Communication interface; 2_ Power supply; 3_ Compressed air inlet.															