efi | escada

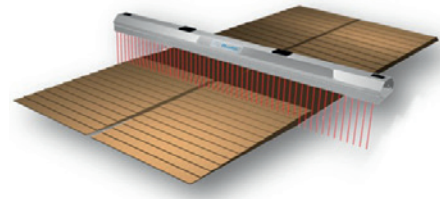# Unlock your corrugators full potential

profile   syncro 7   clarity

A quality performance

EFI™ Escada's Profile is a closed loop process control system which has revolutionised corrugator performance. The system will inspect the shape of produced board at the dry end, then analyse the warp profile at high resolution, and make real time adjustments to process parameters at the wet end. Profile offers a huge reduction in waste, increased quality and production consistency. All of this combined means your productivity and profit can greatly increase.

Automatic Warp Control

Opt for laser accuracy and increase the self-sufficiency of your corrugator. Automatic detection and smart correction of warped board ensures enhanced quality control. This tried and tested system is reliable, allows rapid action on the corrugator and brings quality monitoring and real time correction. Warp data is also recorded for traceability and analysis purposes.

Process Control

Profile Process Control System automates corrugator production settings so that performance and quality is guaranteed for every single order.

Each single order will have its own setpoints automatically recorded as a recipe in Profile's database. When the same order is scheduled, Profile automatically sets up the corrugator in the optimal settings to ensure high quality board is produced without fail.

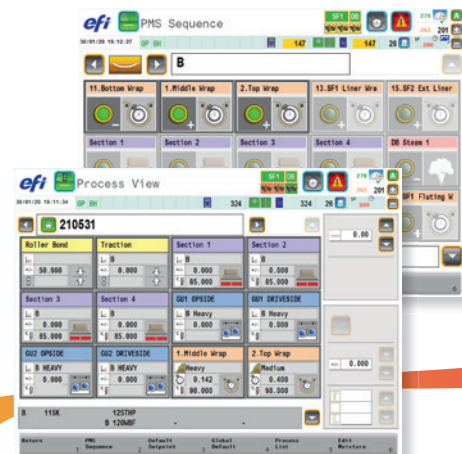| Double Backer Pressure Control	Glue Gap Control
Steam Valve Control	Paper Temperature Control

Production Consistency

Reduce waste and improve production consistency by using best standard operating procedures on your corrugator.

Stable processes and reduced variations offer repeatability across all shifts whilst maintaining high quality. The reliability of our system ensures customer satisfaction and on-time, in-full delivery, giving you an edge in today's market.

Intelligent speed control

Intelligent Speed Control increases corrugator output by analysing production and process parameters in real time then automatically increases corrugator speed whilst maintaining consistent quality. Our customers have seen 10% year over year increases in billable output after implementing Intelligent Speed Control.

Perfect harmony

EFI Escada's Syncro7 is a single point Corrugator Control System, born through years of development in dry end and wet end control. It covers every phase of corrugator application, from the roll stands through to the take-off conveyors. Syncro7 ensures harmonious operation through flexible interfaces to any mixture of machines, delivering maximum performance every time.

Wet End Control

Syncro7 Wet End Control provides a complete range of functions for efficient wet end machine control. Integrated modules include: butt roll calculation and display, end of roll splicing, splice removal, and automatic bridge control. Seamless integration with the dry end at quality change ensures reduced waste and increased productivity.

4 benefits of an integrated control system:

Accurately synchronises quality change splices, whilst creating minimum waste. Syncro7 automatically removes this waste and initiates the dry end order change.

Optimise bridge contents and single face quality by synchronising the speeds of the single facers and double backer through intelligent speed control capability.

Intuitive touch screen operator displays are used to display useful real time information at the wet end.

The Syncro7 vOHD system is easily configurable to display a range of different production data.

Dry End Control

Syncro7 Dry End Control connects your production planning system with your dry end machinery, automatically aligning orders and performing efficient automatic order changes at maximum speeds. Escada has years of experience of integrating machinery from many different manufacturers, and can also perform replacements of ageing control systems, giving you peace of mind for the future and creating the possibility to replace individual machines through easy integration with Syncro7.

Traceability, reporting and analysis

clarity
traceability & reporting

EFI Escada's Clarity allows you to perform efficient and rapid analysis. It is completely customisable, allowing you to manage your data according to your needs and schedule your data analysis with automated production of custom reports.
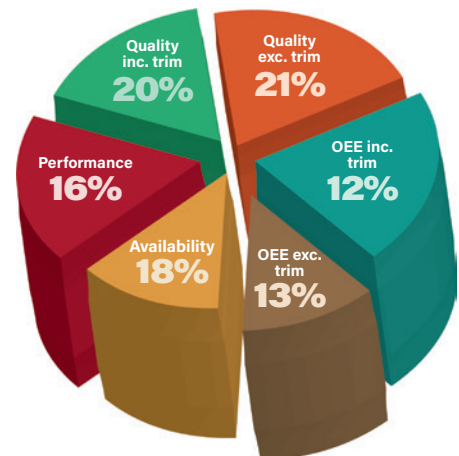
See through the data cloud

Clarity brings together all production information in a user-friendly interface making data analysis much faster.

Track your key parameters

Track your key parameters using the Clarity Dashboard. Monitor speed, waste warp and sensors and visualise in an instant to make timely adjustments.

Produce bespoke reports

In addition to the standard reports integrated into Clarity (e.g. OEE report, summary of waste and many more), you can also create bespoke reports to perfectly fit your needs.

Quality inc. trim 20%
Quality exc. trim 21%
Performance 16%
OEE inc. trim 12%
Availability 18%
OEE exc. trim 13%

EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalised documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.eproductivitysoftware.com or call 0808 101 3484 (UK only) or +44 (0)1246 298000 (UK), or +61 (0) 7 3625 9200 (ANZ and Asia Pacific) for more information.

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