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Fosber is an international manufacturer of corrugator machinery. The information contained within this brochure may be changed without prior notice and cannot be used for contractual purposes.

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The CREST GlueUnit compact design meets maximum production speeds and is capable of running the full range of board grades and flute types.

Eccentric flanges, fitted on both sides of the machine, provide parallel adjustment of the doctor roll to the applicator roll. The gap between the chromed doctor roll and the applicator roll is controlled to an accuracy of 0.03mm, achieved via a high precision servo gearbox. The Anilox glue applicator roll (300 mm. diameter) and the doctor roll have the same drive.

The glue gap can be run either manually (the operator sets target gaps and the machine automatically maintains such a gap), or fully automatically (the gap is set according to the pre-configured glue curve), where a constant glue film thickness is ensured at all speeds.

The CREST is supplied with a contact bar or a rider roll system, according to customer requirements. The rider roll configuration is attached to an upper arm that pivots. This can be adjusted through a finite control altering the position through a zero backlash jackscrew. This design provides absolute gap accuracy and adjustment, guaranteeing the starch is precisely applied to the flute tips only.

An adjustable width stainless steel glue pan is specifically designed to prevent glue slinging. Each operating level and its corresponding starch flow control are fully independent from the other level, allowing accurate glue film application at all speeds. Starch is fed into the center and drains out through the full length of the pan.

The glue reservoir is automatically kept at constant levels. The glue film is always under constant hydrostatic pressure, allowing accurate glue film application at any speed, in addition to reducing starch consumption. To facilitate cleaning, the entire glue pan can be tilted away.

The on-board drive panels and operator console is standard with touch-screen control, providing visualisation of data, machine settings, alarms, comprehensive machine diagnostics and manual over-ride.

crest | wetend

technical features

Board width
Max working speed

2500 - 2800 mm.
350 mpm.

