

ISO-BAR GLUE MACHINE



MAJOR FEATURES:

- No voids, no variance, just a perfect line of glue
- Exacting control over glue application — able to meter as little as $\frac{2}{10}$ ^{ths}/pound per 1,000 sq. ft. of board (1 GSM)
- Applies adhesive to one flute at a time
- Rod premetering on the glue roll eliminates dimensional runout (TIR)
- No board crush, caliper is increased
- No “washboarding” for a superior printing surface
- No slinging
- Higher Edge Compression (ECT)
- Higher pin adhesion — even with minimal amounts of glue
- Increases the thermal efficiency of the double facer



**KOHLER
COATING**

ISO-BAR GLUE MACHINE

THE REVOLUTIONARY, HIGH-SPEED ISO-BAR GLUE MACHINE ELIMINATES "WASHBOARDING" PRODUCING BOARD WHICH IS DRIER AND FLATTER THAN EVER BEFORE.

Smart.

The revolutionary Iso-Bar Glue Machine brings paper coating technology to corrugated achieving pinpoint accuracy of adhesive application. The glue roll comes into contact with the medium one flute at a time. This eliminates soak-in and increases caliper.

The Iso-Bar Glue Machine applies glue at the nine o'clock position relative to the stack roll, enabling it to deliver a very

even - and very thin - film of starch to the flute tip only. No starch gets onto the flank. Excess starch flows directly back to the glue pan which means no messy starch build-up on the outside of the glue machine or on the double facer. The single roll applicator delivers a film thickness that is consistent across the entire width of the single face. Flatter board. Faster.



GLUE APPLICATION FROM A CONVENTIONAL GLUE MACHINE*



GLUE APPLICATION FROM AN ISO-BAR GLUE MACHINE

Faster.

Instead of a metering roll or blade, a motor-driven applicator roll works in conjunction with the metering rods to deliver a steady, smooth film. The glue application rate can be changed instantly from the control console.

The Iso-Bar Glue Machine is designed to handle higher percentages of adhesive solids, further decreasing the moisture content of the adhesive, and thus the board. This allows

for higher corrugator running speeds while creating flatter sheets and eliminating the "washboarding" effect.

Fast.

The Iso-Bar Glue Machine can operate continuously at 1500 FPM (450 MPM). Optional floor tracks allow it to nest directly up to the double facer hot plate section while in operation, meaning there is less time for the single face to absorb moisture. Less moisture means faster running speeds.

Easy.

A touch-screen panel displays all the settings in digital format and provides operators with fingertip control of roll speed and glue film thickness. It is totally motor-driven. No chains or belts to keep clean — or break down. The Iso-Bar uses a low-volume glue pan, so the starch stays fresher and cleaner. It also features one button wash-up. The design of the water shower spray automatically cleans the entire system, so the glue machine only has to be cleaned by the operator at the end of a shift. Major components are made from non-corroding materials for a longer life. The modular glue stations make single, double or triple-deck configurations possible.

Call today for more information on how the Iso-Bar Glue Machine can speed up your production and substantially lower maintenance costs!

**This image was created by soaking the liner off a recently manufactured sheet. The glue lines were treated with iodine to enhance visibility.*



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