

INTRODUCTION

Brackett's HDWB WALLBOARD BUNDLER incorporates reliability and ruggedness with improved technology. Several features contribute to the outstanding performance of the HDWB BUNDLER.

First, the structurally superior rectangular-tubing support frame eliminates the vibrations caused by jams and mis-feeds. In addition the flex of the pneumatic tires tolerates a wider range of misaligned bundles with less board damage during in-feed.

Second, the simple synchronizing system perfectly aligns the conveyor lugs during operation or from a stopped position. These lugs form precisely sized pockets on continuous conveyor chains, improve bundle control, and provide quality output of square-cut boards with smooth, tight taping.

The conveyor drive uses an eddy current AC motor. This motor features adjustable jog speed, torque output, acceleration/deceleration and dynamic braking for maximum control.

Third, the advanced taping head consistently produces smooth, tight taping. A simple, spring-loaded idler roller eliminates breakage during starts and stops by maintaining tape tension.

Plus the flexible former material hugs even irregular boards for smooth output. Permanently bent or broken formers caused by jam-ups or misaligned bundles are a thing of the past.

Independently activated and independently adjusted, air-operated knives accurately cut the tape on each end of the board. This simple design, with few moving parts to wear out or maintain, lowers operating cost while increasing accuracy.

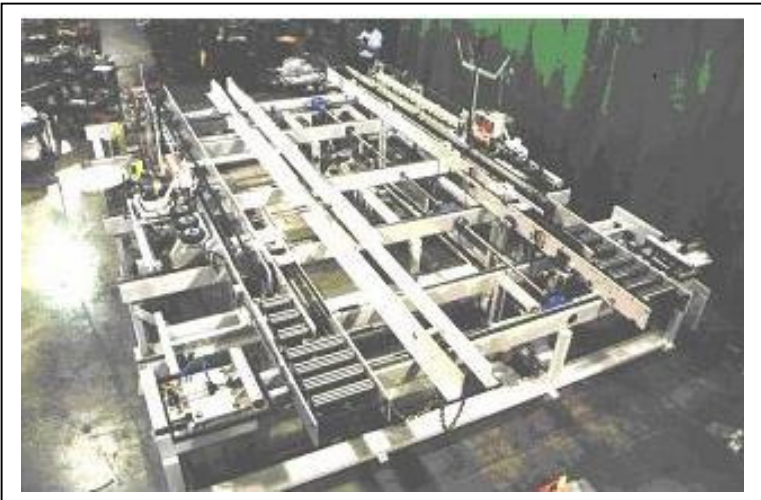
YOUR new system can be installed (retrofitted) and “on-line” in as little as one day!

DECADES OF PROVEN

GYPSUM BOARD BUNDLING SYSTEMS

HIGH SPEED GYPSUM BOARD BUNDLING WITH OR WITHOUT FEEDER

- ❖ **Absolute Square Sawing of Gypsum, Plastics and Press Board Products**
- ❖ **Digital Board Squaring Monitoring and Controlling System**
- ❖ **Hot, Cold, or Pre-Gummed Label Application Systems**
- ❖ **Tight Square Taping Application System**



- ❖ **Pneumatic Aligner Tires**
- ❖ **Heavy Duty**
- ❖ **High Speed**

Length and height of each machine is designed and built to exact customer specifications. Designed, engineered and manufactured with customer specified electrical controls and drives. The machine can be built and configured for center, left or right head adjust. Hot melt pots, cold glue pots or water misting tape systems for use with “pre-gummed” tapes. Machine speeds and cycle rates can be specified for board line speeds up to 300FPM.

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“HDWB”

MACHINE FUNCTIONS:

OPTIONAL FEEDER

- **Receives An Exiting Pair of Wallboards from A Fabrication Line**
- **Lines up (Parallel) the Right/Left Sides of the Two Wallboards in a Pair**
- **Pushes the Wallboard Pair onto the Bundler's Synchronized Conveyor Chains**

BUNDLER

- **Precisely Aligns Wallboard Pair (Parallel and Square)**

TRIMS

- **Trims Wallboard Pairs to Length with Carbide-Tipped Circular Saws (6' min. - 12' max.)**
- **Breaks Up Residue Wallboard into Small Chips and Removes Chips and Dust through the Plant's Existing Pneumatic Exhaust System**

TAPES

- **Glue Pots Heat and Roll Adhesive onto the Tape as it is Routed from the Tape Reel to the Wallboard**
- **Tapes the Label/Tear Strip to the Outer Edges of the Wallboard Pair - Making a Bundle**

TRIMS THE TAPE

- **Smoothes and Forms the Tape with Tape-guides, Flexible Formers and Spring-loaded Rubber Wiping Rollers**
- **Cuts the Tape Between Each Wallboard Bundle With Air-Actuated Knives**
- **Discharges the wallboard bundle from the conveyor.**

**YOUR new bundling system can be installed or retrofitted
and on-line in as little as ONE day !!**

For additional information, please contact our sales team at:

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