

TBS-100 FCXL

RANDOM HEIGHT AND WIDTH CASE SEALER



Combi offers a reliable random case sealing solution for different size cases within a given range. Ideal when several packaging lines feed one sealer or you are limited in floor space. 3M™ Accuglide™ tape heads securely seal the top and bottom of the cases, while tape roll changes are easy to perform. Using the same heavy duty tubular steel frame as other Combi systems, the TBS is built tough for years of top performance.

FEATURES:

- Heavy duty tubular steel frame with lifetime guarantee
- Height sensing light curtain
- Case infeed metering gate
- Servo height and width adjustment
- Auto case length sensors for flap kicker
- Case centering arms with linear transducer
- Full guarding package with safety interlocks and hinged doors
- 3M™ Accuglide™ top and bottom tape heads
- Allen-Bradley™ PLC with servo capabilities



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RANDOM HEIGHT & WIDTH

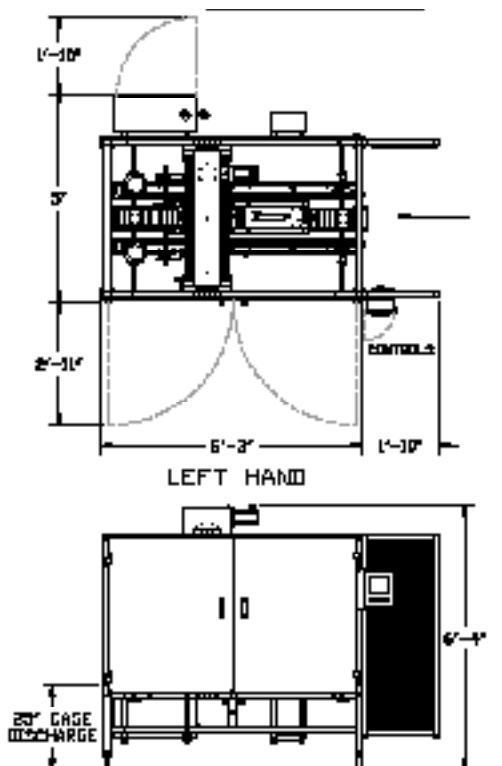
SEQUENCE OF OPERATION:

Each case width and height is saved on the HMI screen. When a filled case enters the machine, a light curtain senses the overall height, with flaps upward. A linear transducer measures the case width after the centering arms center the case. These two parameters, case width and height identify a specific case recipe that is saved in the HMI. This recipe then sets the case side belts, case width and the upper assembly, case height. The case is then passed off to the side belts where the leading minor is plowed closed. When a sensor clears the trailing edge of case, the trailing minor flap is closed. Both major flaps are closed, then tape is applied to top and bottom of the case.



A light curtain senses the height of the incoming case, communicates with the servo and the height of the top taping head is automatically adjusted.

OPERATION	MODEL	CASE SIZE MIN (LXWXH)	CASE SIZE MAX (LXWXH)	SPEED: CPM*
Automatic	TBS-100 FCXL (Random Height and Width)	8 x 6 x 5" (203x152x127mm)	24 x 16x 18" (610x406x458mm)	12



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