



VERTICAL SEAMING MACHINE

DESCRIPTION

The Vertical Seaming Machine automatically removes sharp edges from cut glass prior to insulating glass or tempered glass production.

Its vertical design utilizes specialized seaming belts to process both the front and back edges of the glass, with a 360° rotating seaming head for processing of all four sides.

An automatic measuring system detects glass length, height, and thickness, with waterproof servo motors for accurate positioning and control. An integrated water cooling, cleaning, and recirculation system, along with additional spray nozzles, helps extend belt life, remove glass dust, and reduce buildup.

SPECIFICATIONS



196.85" x 110.24" (5000 x 2800 mm)

MAX GLASS SIZE

13.78" x 9.84" (350 x 250 mm)

MIN GLASS SIZE



High
VOLUME



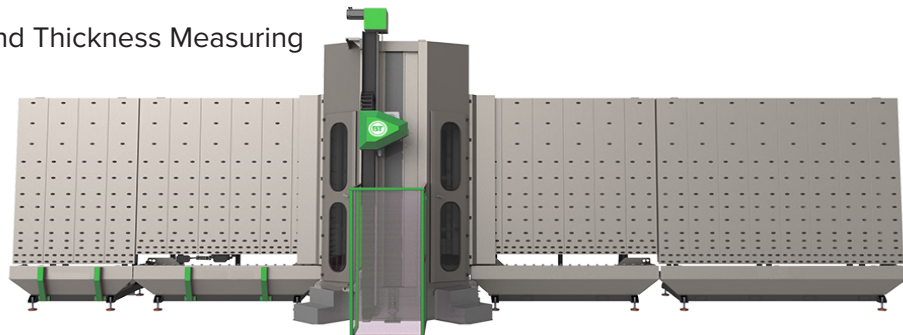
2.3-19 mm
GLASS THICKNESS



200 kg
MAX GLASS WEIGHT

HIGHLIGHTS

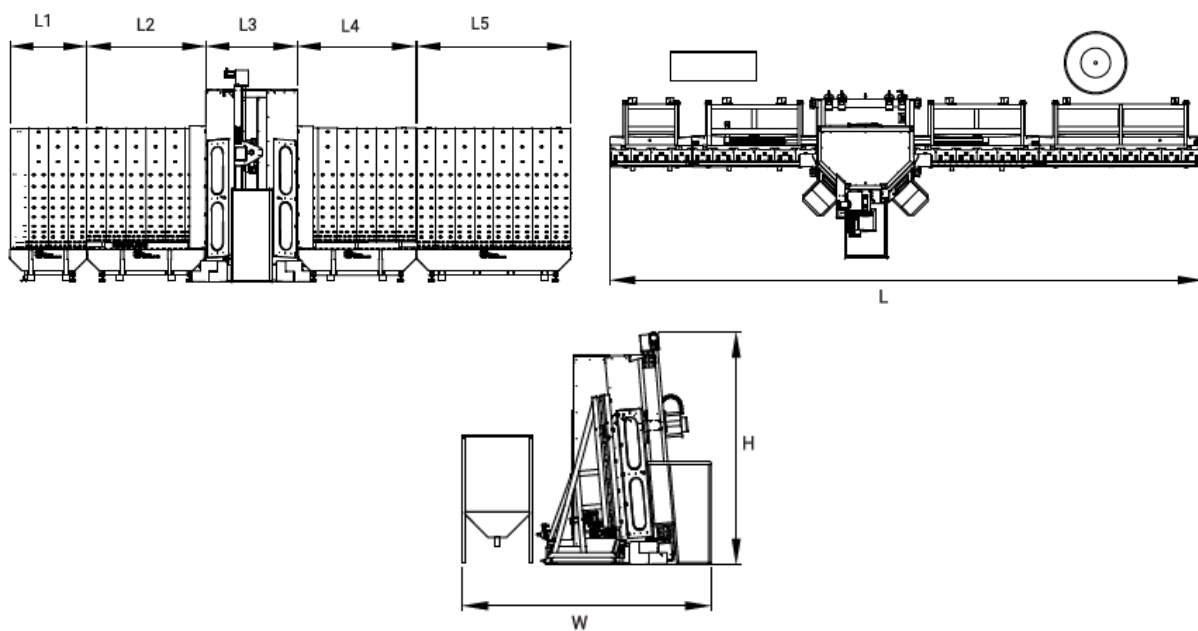
- ✓ Rectangular and Shape Seaming
- ✓ Waterproof Servo Motor Drive System
- ✓ 360° Seaming Head
- ✓ Automatic Dimension and Thickness Measuring





TECHNICAL SPECIFICATIONS

	W	L	H	L1	L2	L3	L4	L5
DZH2500	179.13" (4550 mm)	484.25" (12300 mm)	179.92" (4570 mm)	64.57" (1640 mm)	98.43" (2500 mm)	76.77" (1950 mm)	98.43" (2500 mm)	129.13" (3280 mm)
DZH2500-V2	179.13" (4550 mm)	437" (11100 mm)	179.13" (4500 mm)	64.96" (1650 mm)	98.43" (2500 mm)	78.74" (2000 mm)	179.13" (4550 mm)	
DZH2800-V2	179.13" (4550 mm)	505.91" (12850 mm)	185.04" (4700 mm)	65.75" (1670 mm)	65.75" (1670 mm)	100.39" (2550 mm)	78.74" (2000 mm)	179.13" (4550 mm)



SYSTEM CONFIGURATION

INLET CONVEYOR

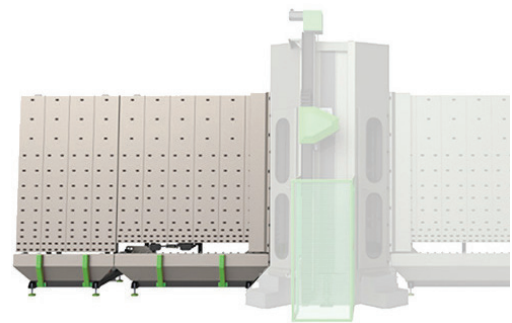
The automatic glass measurement system detects the glass length and positions the machine accordingly. This eliminates manual data entry, reduces the potential for operator error, and increases productivity for continuous production.

SEAMING UNIT

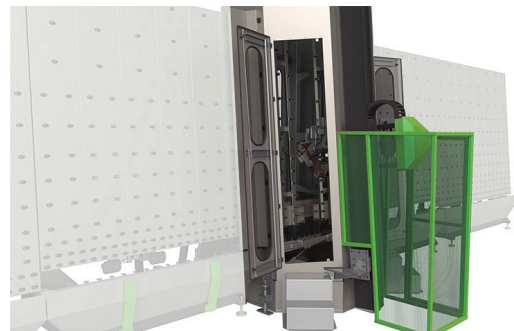
The seaming unit automatically processes glass at high speed using specialized belts that seam both the front and back edges. A 360° rotating head enables automatic processing of all four sides for consistent, high-quality edge finishing.

OUTLET CONVEYOR

The heavy-duty outlet conveyor features integrated transport wheels to safely collect finished glass or transfer it directly to the next stage of production, ensuring smooth material flow.



Vertical Seaming Machine Inlet Conveyor



Vertical Seaming Machine Seaming Unit



Vertical Seaming Machine Outlet Conveyor



FEATURES

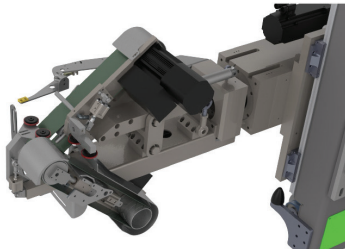
- ✓ Stainless Steel Frame
- ✓ Operator Panel

- ✓ Recipe Management

- ✓ Remote Access System

SEAMING BELT

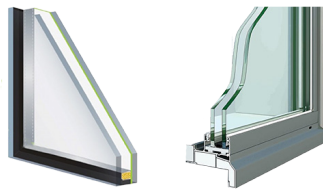
Seaming belt pressure is automatically adjusted to match the glass thickness, extending belt life while reducing wear, maintenance, and replacement frequency for lower operating costs.



Seaming Belt

SHAPED GLASS SEAMING

In addition to rectangular glass, the machine can process a wide variety of shaped glass using the integrated shape library. Common production shapes are preloaded, allowing operators to quickly select the required profile.



Straight and Shaped Glass

DUST SETTLING TANK

An integrated settling tank separates glass dust from the water before it is recirculated through the system. This prevents abrasive particles from re-entering the machine, improving system cleanliness, reducing component wear, and extending equipment life.



Dust Settling Tank