



VERTICAL SEAMING MACHINE WITH DIAMOND TOOL

DESCRIPTION

The Vertical Seaming Machine with Diamond Tool automatically removes sharp edges from cut glass before insulating glass or tempered glass production. The machine uses a precision diamond tool to deliver consistent edge seaming with minimal operator intervention.

An automatic measuring system detects glass length, height, and thickness for accurate positioning, while waterproof servo motors ensure precise, repeatable performance. An integrated water cooling and recirculation system, along with additional spray nozzles, cools the tool, removes glass dust, and helps reduce buildup.

SPECIFICATIONS



118" x 98" (3000 x 2500 mm)

MAX GLASS SIZE

25.59" x 8" (650 x 200 mm)

MIN GLASS SIZE



High
VOLUME



4-19 mm
GLASS THICKNESS



59 FPM (18 m/min)
MAX PROCESSING SPEED

HIGHLIGHTS

- ✓ Waterproof Servo Motor Drive System
- ✓ Fully Automatic Rectangular Seaming
- ✓ Automatic Dimension and Thickness Measuring





TECHNICAL SPECIFICATIONS

	W	L	H	L1	L2	L3	L4	L5	L6
DZH-D	98.43" (2500 mm)	452.76" (11500 mm)	146.46" (3720 mm)	77.95" (1980 mm)	98.43" (2500 mm)	47.64" (1210 mm)	98.43" (2500 mm)	129.13" (3280 mm)	27.56" (700 mm)

SYSTEM CONFIGURATION

INLET CONVEYOR

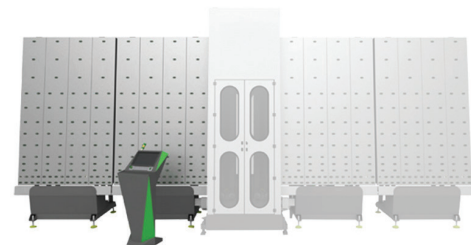
The inlet conveyor automatically measures the glass length and positions the machine accordingly. This eliminates manual glass data entry, reduces the risk of operator error, and increases productivity.

DIAMOND SEAMING UNIT

The diamond tool automatically seams the front and back edges of the glass at maximum speed. Seaming depth is automatically adjusted based on glass thickness for consistent edge quality across a wide range of applications.

OUTLET CONVEYOR

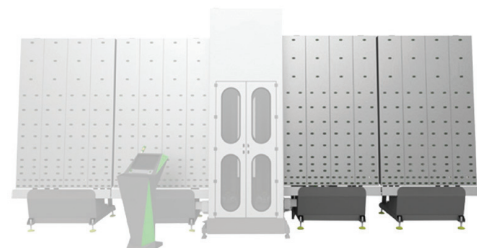
The heavy-duty outlet conveyor features integrated transport wheels to safely collect finished glass or transfer it directly to the next stage of production, ensuring smooth material flow.



Inlet Conveyor



Diamond Seaming Unit



Outlet Conveyor

FEATURES

- ✓ Robust Stainless Steel Frame
- ✓ Operator Panel
- ✓ Recipe Management
- ✓ Remote Access System

SETTLING TANK

An integrated settling tank removes glass dust from the water before recirculation, improving cleanliness, reducing wear, and extending life.