



AUTOMATIC CUTTING TABLE WITH LOADING ARMS

DESCRIPTION

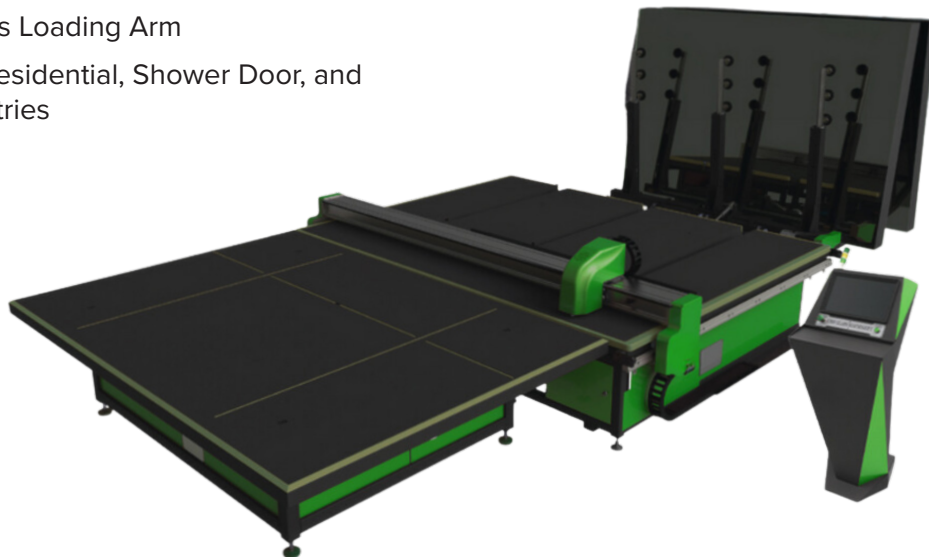
The Automatic Cutting Table with Loading Arms is designed for high-speed, automatic cutting of straight and shaped float glass using precision diamond wheel technology. Integrated loading arms with vacuum suction cups automatically load glass sheets from the stock rack, while the cutting bridge positions the glass and detects its location before beginning the cutting process. During cutting, the loading arms prepare the next sheet to maximize productivity and minimize cycle times. Low-E edge deletion system is available for removing soft Low-E coatings prior to processing.

HIGHLIGHTS

- ✓ Fully Automatic Cutting System for Float Glass
- ✓ Fast, Accurate, and Stable Cutting
- ✓ Integrated Glass Loading Arm
- ✓ Architectural, Residential, Shower Door, and Specialty Industries

SPECIFICATIONS

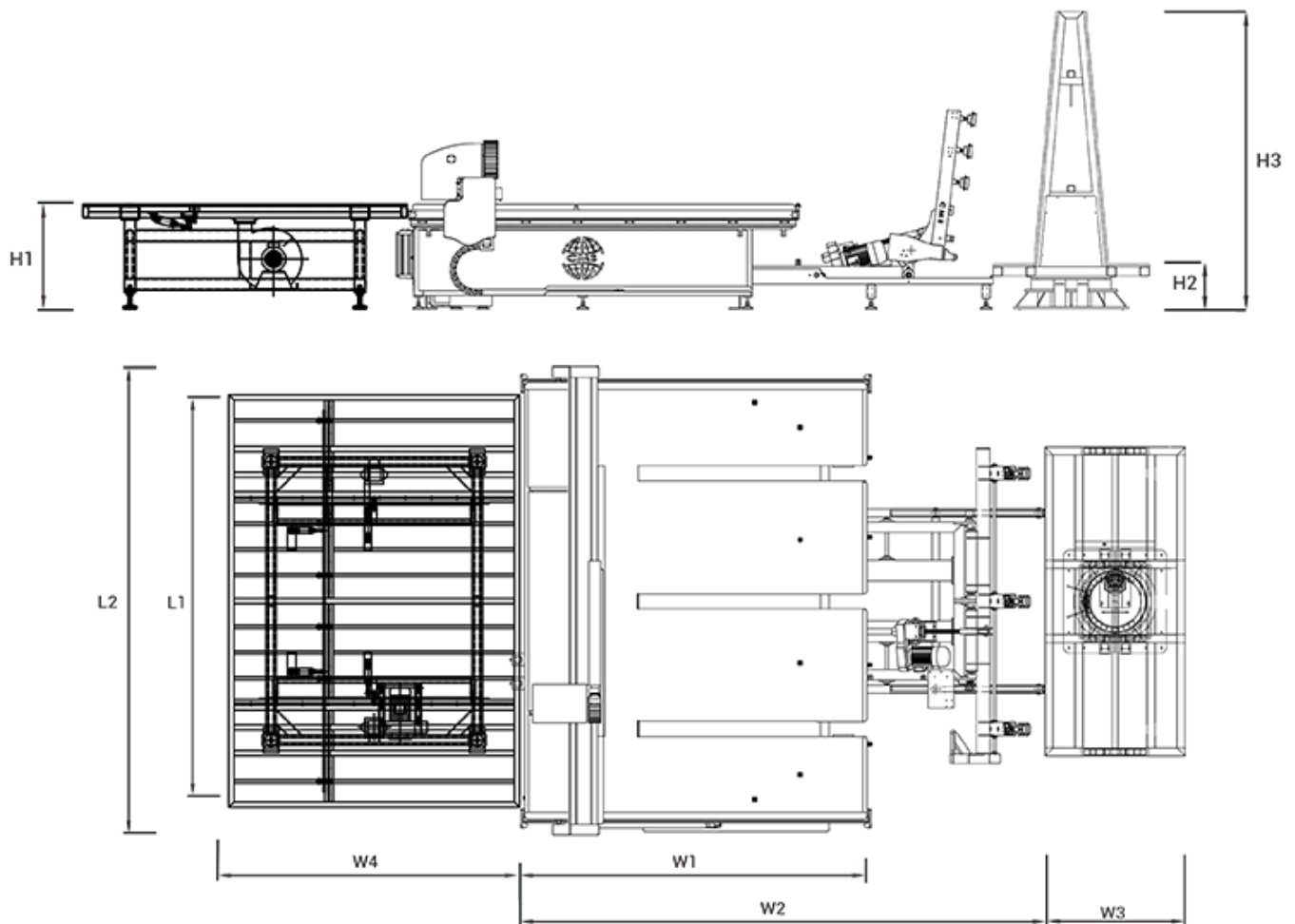
-  145.67" x 100.39" (3700 x 2550 mm)
MAX GLASS SIZE
-  3-19 mm
GLASS THICKNESS
-  492 FPM (150 m/min)
MAX CUTTING SPEED
-  ±0.20 mm
TOLERANCE
-  2+1
BREAKING BARS
-  262 FPM (80 m/min)
MAX LOW-E DELETION SPEED





TECHNICAL SPECIFICATIONS

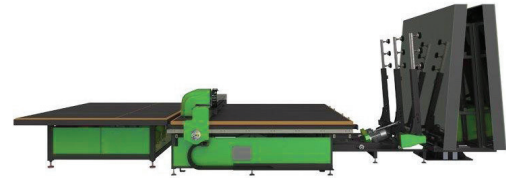
	W	L	H	W1	W2	L1	L2	L3
YCKM-3700	179.13" (4550 mm)	-	102.36" (2600 mm)	-	-	196.85" (5000 mm)	-	-
YCKM-C3700v1	179.13" (4550 mm)	-	102.36" (2600 mm)	-	118.11" (3000 mm)	196.85" (5000 mm)	-	55.12" (1400 mm)
YCKM-C3700v2	179.13" (4550 mm)	-	102.36" (2600 mm)	157.48" (4000 mm)	-	196.85" (5000 mm)	112.20" (2850 mm)	-
YCKM-C3700v3	179.13" (4550 mm)	366.14" (9300 mm)	102.36" (2600 mm)	157.48" (4000 mm)	118.11" (3000 mm)	196.85" (5000 mm)	112.20" (2850 mm)	55.12" (1400 mm)



SYSTEM CONFIGURATION

CUTTING TABLE WITH LOADING ARMS

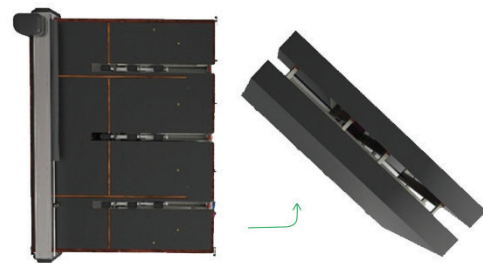
Integrated loading arms automatically lift and transfer glass sheets from the storage rack to the cutting table using vacuum suction cups, reducing manual handling and increasing throughput.



Cutting Table with Loading Arms

GLASS RACK (OPTIONAL)

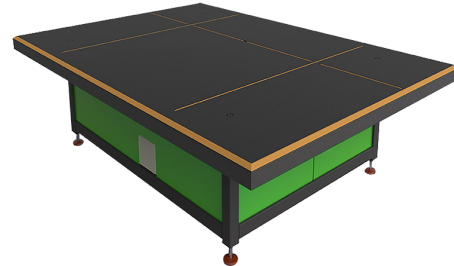
The 180° rotary stock stand simplifies glass loading and provides storage on both sides of the stand, improving material handling and production efficiency.



180° Rotating Glass Rack

BREAKOUT TABLE (OPTIONAL)

The fixed breakout table is designed for efficient glass separation and sorting after cutting. An air cushion system allows smooth glass movement, while integrated breaker bars enable quick, accurate separation of cut glass.



Breakout Table



FEATURES

- ✓ Automatic Glass Alignment
- ✓ Glass Optimization Software

AUTOMATIC STRAIGHT AND SHAPE GLASS CUTTING

Cut straight lines and complex shapes with precision using a single system. Patterns can be selected from the built-in shape library, imported from DXF files, or sent directly from glass optimization software.

VINYL FILM CUTTING (OPTIONAL)

A specialty cutting wheel automatically cuts vinyl film-applied glass without compromising cut quality.

- ✓ Recipe Management
- ✓ Operator Panel

AUTOMATIC SPEED AND PRESSURE ADJUSTMENT

Automatically identifies glass type and applies the optimal cutting speed and pressure to deliver maximum productivity and superior cut quality.

MARKING SYSTEM (OPTIONAL)

Automatically identifies and labels each cut glass piece for improved production tracking and workflow management.

- ✓ Remote Access System

EDGE DELETION

An integrated servo-driven grinding wheel provides wider and highly precise Low-E coating removal along glass edges for insulating glass production.



Auto Glass Alignment



Edge Deletion Wheel