✦ *Robust*
  ✦ *Fast*
    ✦ *Precise*
      ✦ *Smart*
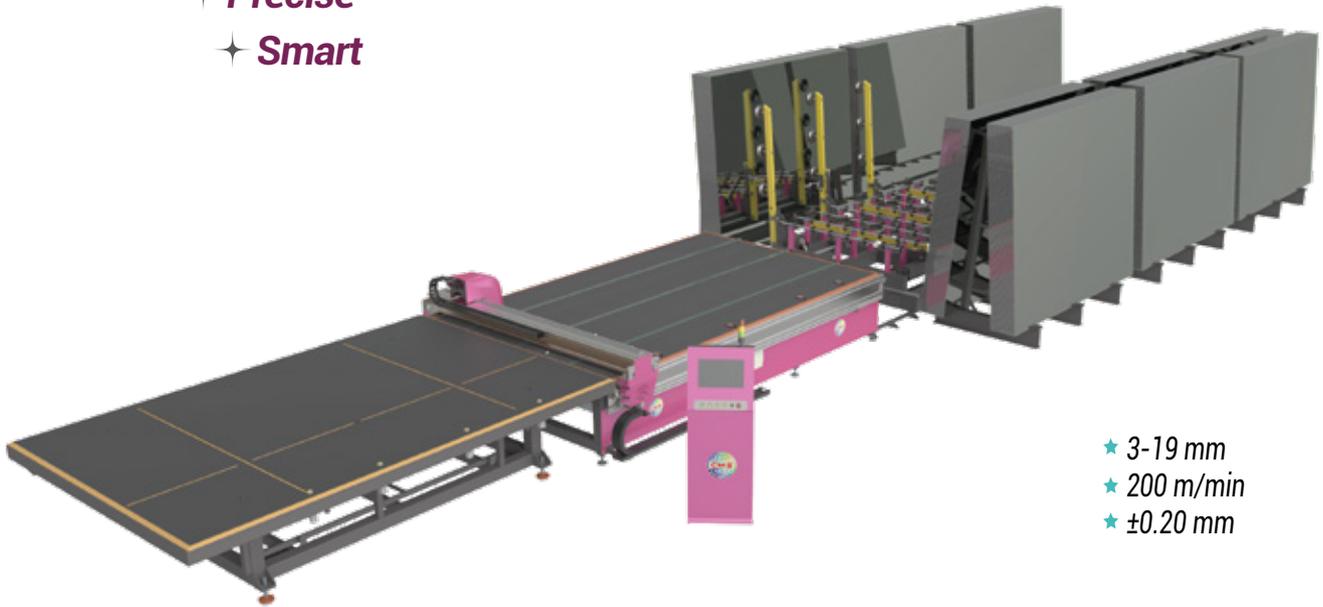
★ *3-19 mm*
★ *200 m/min*
★ *±0.20 mm*

Models & Sizes
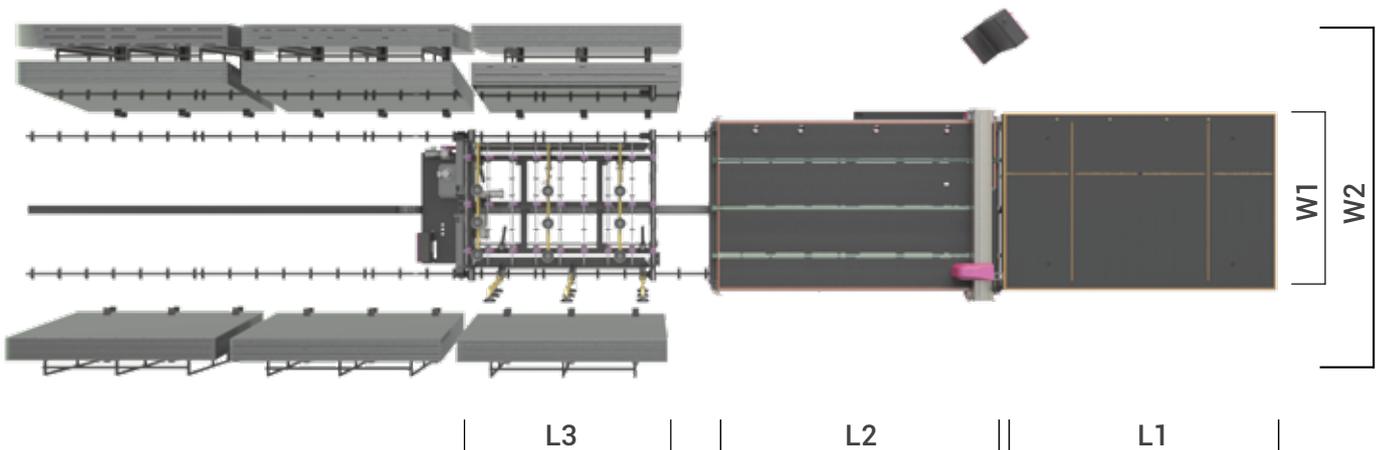
	L-Glass	W-Glass	L1	L2	L3	W1	W2	H
FCL3700	3700	2250	4000	5000	4300	3500	5000	2800
FCL6000	6000	3210	7000	7200	6500	4100	7000	3400

System Configuration

Configure your line and factory area according to your needs and preferences with CMS Machinery. FCL Series has a long-lasting structure and stable design to help you minimize your operating cost.

A- Automatic Glass Loading Robot

Double Side Glass Loading

Automatic Glass Loading Robot (FYM) is designed for automatic removal of vertically positioned glass plates on stock stands and transfer them horizontally to the cutting table.

+ Double side glass loading
+ Precise positioning system
+ Adjustable suction cup structure according to the glass height
+ Sensitive glass loading system

Opt. A.1: FYM Deeper *(Standard feature for 6000)*

B- CNC Glass Cutting Table

CNC Glass Cutting Table (FCM) is designed for cutting rectangular and shaped pieces.

+ Maximum precision, minimum cutting tolerance
+ Fast, powerful and stable cutting performance
+ Automatic cutting speed adjustment
+ Automatic diamond wheel pressure adjustment according to different glass thicknesses and shapes
+ Minimum axis movement and wastage through cutting optimization
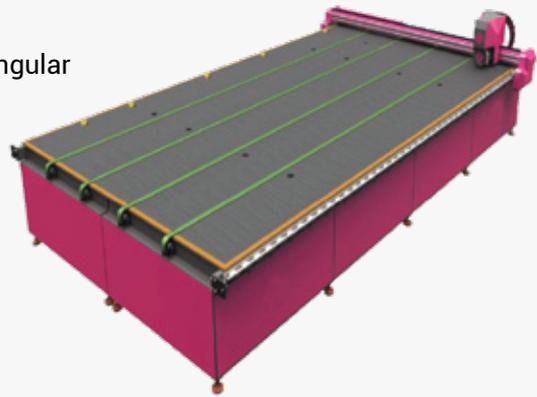
C- Glass Breaking Table
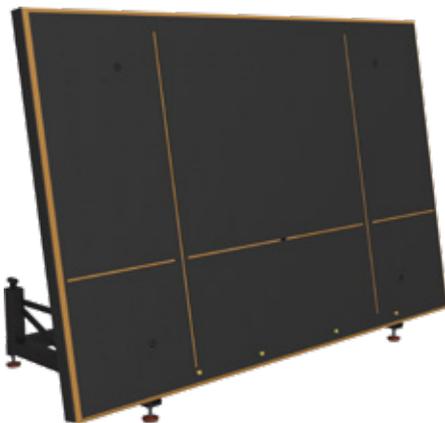
Glass breaking table is designed for breaking & sorting glass plates and also used for unloading large-sized glass sheets.

+ Manual glass breaking and separation process on X and Y axes
+ Minimum surface friction through air cushion system

Opt. C.1: Tilting function *(Standard for Jumbo)*

Opt.GSP. Glass Separation Piston

FCL — Automatic Flat Glass Cutting Line

Key Features

Electronic Aligning

Double Side Glass Loading

Cutting Optimization

Straight & Shaped Glass Cutting

Automatic Flat Glass Cutting Line is designed to cut straight and shaped glasses at high speed.

Recipe Management

Save your datas and settings

Operator Panel

Take control under favor of user friendly operator panel

Remote Access

Remote access feature provides advanced online assistance and troubleshooting

Automatic Speed and Pressure Setting

Automatic speed and pressure adjustment feature offers excellent glass cutting experiences for different glass thickness and shapes.

- Origin point for laminated glass cutting
- Vibration-free operation thanks to heavy and robust steel construction structure
- Breaking bar system

FCL — Automatic Flat Glass Cutting Line

CMS

Optional Features

Opt. LGS
Laser Glas Scanner

Opt. SFE
Safety Barrier

Opt.MGP
Mechanical Alignment

Opt.BED
Brush / Low-E Edge Deletion

+ Second oil tank

Low-E Edge Deletion

In both metal brush and grinding wheel deletion methods, either flat or shaped soft coated (Low-E) glasses can be deleted @ very high speeds.

Opt.WED
Grinding Wheel / Low - E Edge Deletion

Opt. VGC Vinyl Glass Cutting

The layer on vinyl coated glasses is precisely cut in any size and design with a special cutting head under favor of vinyl glass cutting feature.

Opt.LMS
Label / Glass Marking System

Glass Marking System

This feature provides labeling each glass piece either by label-sticking or ink-spraying.

Opt.IMS
Inkjet / Glass Marking System