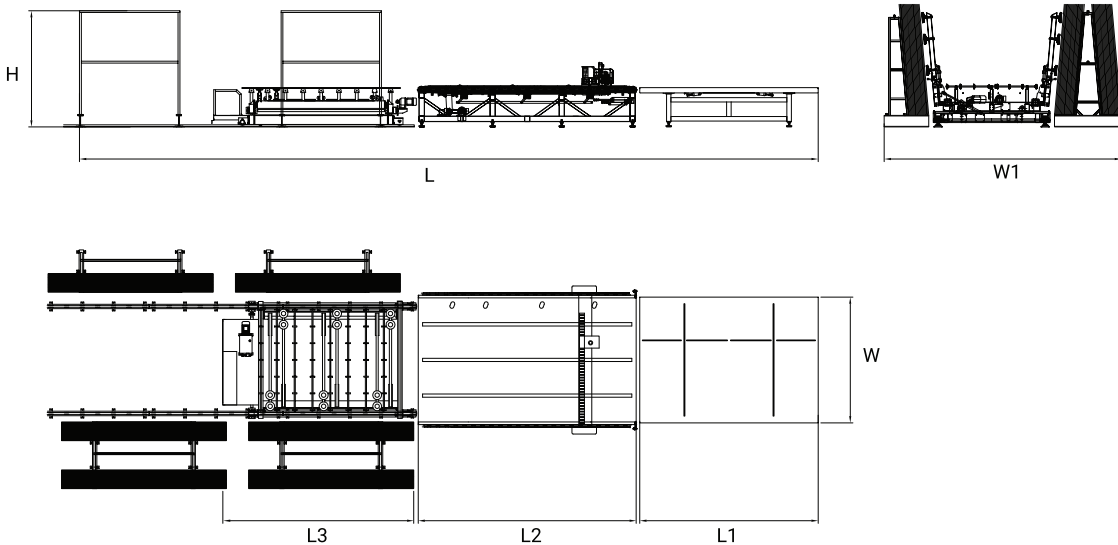


- ✦ Robust
- ✦ Precise
- ✦ Fast
- ✦ Smart



	W	L	H	W1	L1	L2	L3
FCL3700	2850 mm	17000 mm	2650 mm	5000 mm	4000 mm	5200 mm	4600 mm
FCL6000	3700 mm	26750 mm	3400 mm	9000 mm	7000 mm	7200 mm	6200 mm
FCL8000	5700 mm	35000 mm	3600 mm	11000 mm	9000 mm	9200 mm	8200 mm

*Please contact to your sales representative for changes in the number of stock stands.
(Glass stock stands will be made by the Customer. Technical drawings and details will be provided by CMS.)*

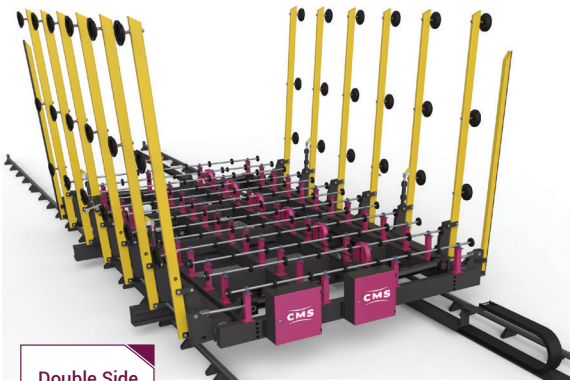
Technical Features

	Max. Glass Size	Breaking Table Fans / Power	Breaking Bars Quantity	Max. Cutting Speed	Glass Thickness	Cutting Tolerance
FCL3700	3700x2550 mm	1x3 kW	2+1	150 m/min	3-19 mm	±0.20 mm
FCL6000	6100x3210 mm	2x3 kW	3+1	150 m/min	3-19 mm	±0.20 mm
FCL8000	8100x3300 mm	3x3 kW	4+1	150 m/min	3-19 mm	±0.20 mm

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.

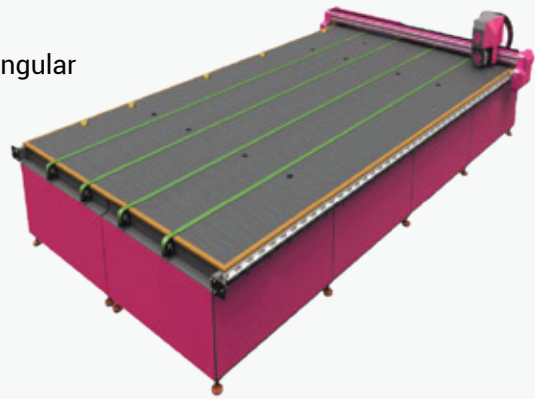
- + Double side glass loading
- + Precise positioning system
- + Adjustable suction cup structure according to the glass height
- + Sensitive glass loading system

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

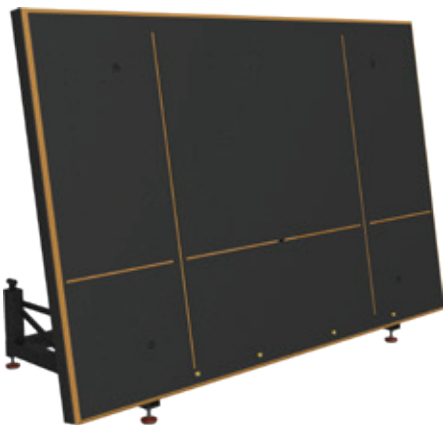
B- CNC Glass Cutting Table

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

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

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. GKM. LMS Label / Glass Marking System**

This feature provides marking of each cut glass piece by labeling.



 **Opt. GKM. VGC Vinyl Glass Cutting**

With this function, the layer on vinyl coated glasses is precisely cut in any desired size and design with a special cutting head. After the vinyl cutting process, the glasses are passed through the glass sandblasting machine and only the desired drawing is transferred to the glass.

