CSOIEC

China Shenzhen OMI International Engineering Co.

Glass Processing Machines

We look to the future

ABOUT US

China Shenzhen Omi International Engineering Company (CSOIEC) was founded in 2013 in Shenzhen, China, and has evolved into one of the world's leading engineering corporations in the glass and solar industries. With comprehensive expertise in design, manufacturing, installation, and commissioning, CSOIEC is capable of delivering complete float glass production plants, as well as advanced glass deep-processing facilities, including mirror, insulated, laminated, tempered, decora-.tive glass, and photovoltaic solar panel production lines

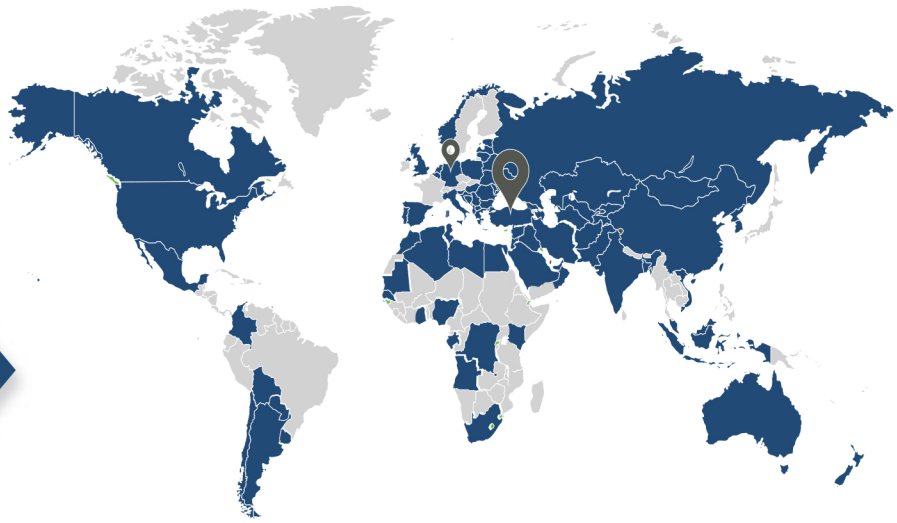
Through continuous innovation and engineering excellence, CSOIEC has established itself as a global technology provider, delivering turn-key solutions across multiple continents. Our integrated R&D, manufacturing bases, and international project teams enable us to manage entire industrial complexes—from raw material handling to final pro-.cessing—under one unified system

Today, CSOIEC serves clients in more than … countries, with a portfolio of major glass and solar projects worldwide. Our commitment to quality, reliability, and long-term customer partnerships has positioned us among the most trusted names in the global glass machinery and engi-.neering market

We look to the future with a vision of advancing high-tech glass manufacturing and renewable energy solutions, continuously contributing to the global industrial landscape through innovation, sustainability, and engineering excellence

We look to the future

- 6 Continents
- +125 Countries
- +15.000 Machines
- +10.000 Customers
- 80% Export Rate
- +30 Main Products
- +200 Derivatives



Branch
Germany

Head Office
Gebze

Yalova
Factory

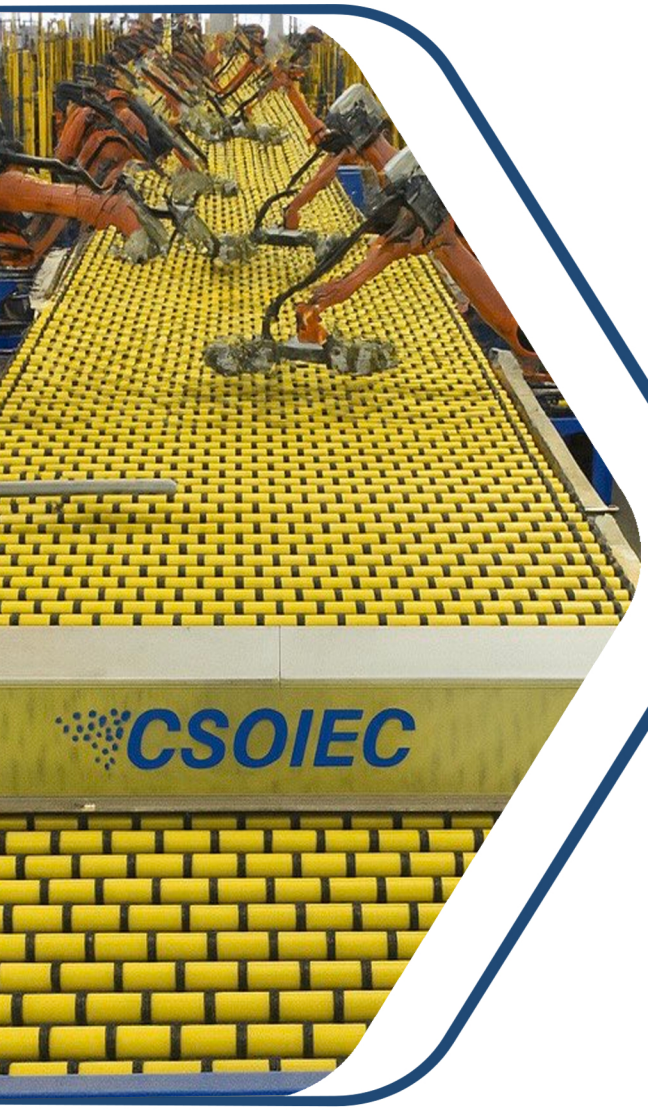
CSOIEC EXCELLENCE

Industrial Excellence in Automated Float Glass Production

CSOIEC delivers fully integrated float glass production lines engineered for high precision, continuous operation, and global market standards.
From molten glass forming to controlled cooling, every phase is optimized through automated conveyor systems and robotic handling units. These advanced technologies ensure perfect flatness, consistent thickness, and flawless optical clarity — making CSOIEC a trusted partner for architectural, automotive, and ultra-clear glass manufacturers worldwide.

CSOIEC

PERFECT SYNERGY



Where Automation Meets Human Expertise

Behind every perfect glass sheet stands a synergy of intelligent robotics and skilled engineering. CSOIEC quality inspectors monitor each stage with digital control systems, ensuring compliance with EN, ISO, and ASTM standards.

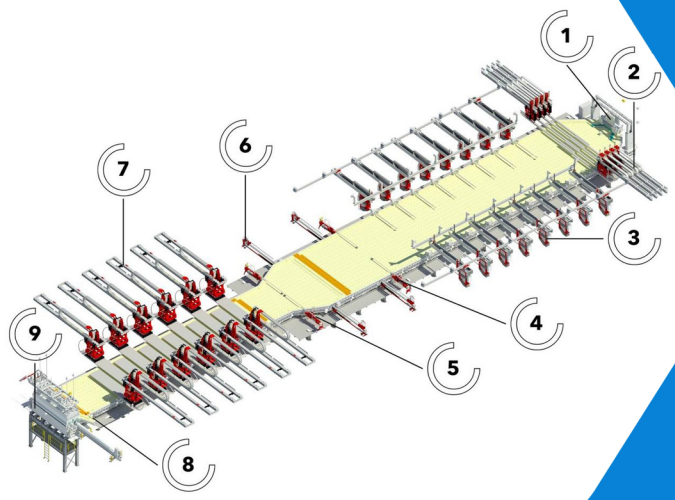
Safety protocols, multi-level inspections, and real-time monitoring guarantee zero-defect production. Whether producing 600 TPD or 1500 TPD, our lines are designed for reliability, durability, and long-term industrial performance.

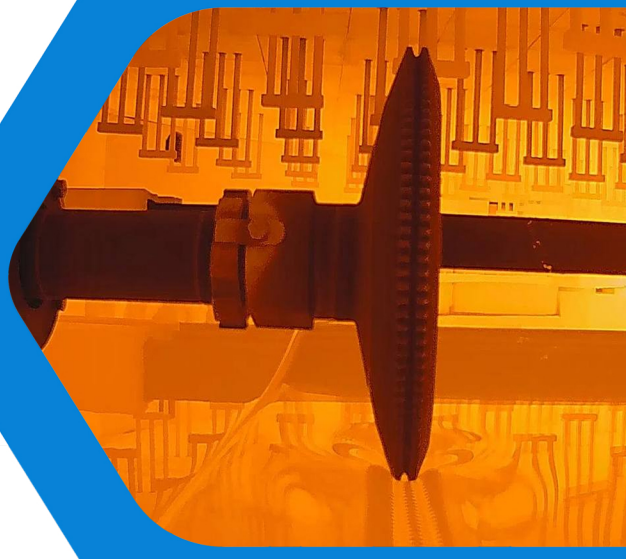
TIN BATH

Tin Bath – Precision Flat Glass Formation

The tin bath is the core section where molten glass transforms into a perfectly flat ribbon. At temperatures above 1,100°C, the glass gently floats on a pure molten tin surface, achieving flawless flatness, uniform thickness, and optimal optical clarity without mechanical contact.

CSOIEC employs advanced atmosphere control using nitrogen-hydrogen mixtures to prevent oxidation and ensure mirror-like surfaces. Automated edge guides and thermal monitoring guarantee consistent thickness for ultra-clear, architectural, and automotive glass standards.





CSOIEC

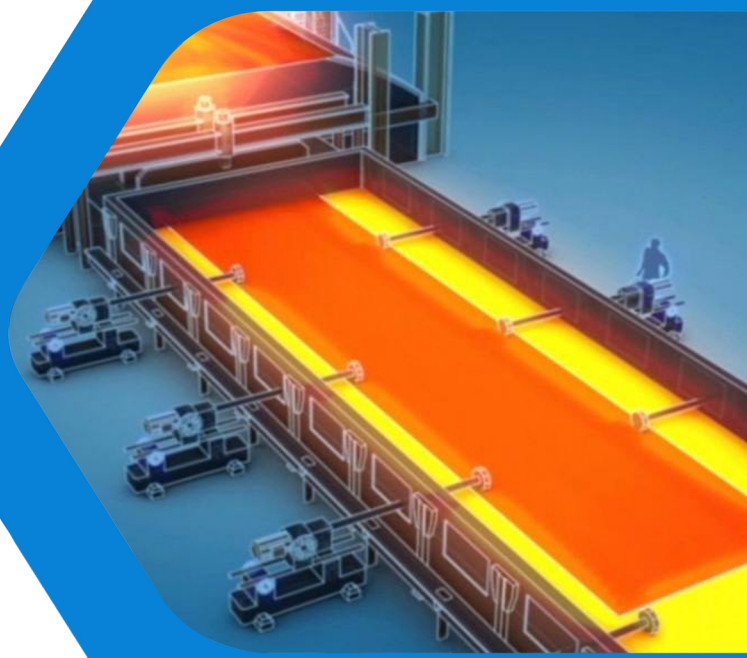
FURNACE

High-Capacity Melting Furnace – The Heart of Float Glass Production

CSOIEC furnaces are engineered to operate at extreme temperatures exceeding 1,600°C, ensuring the complete melting and homogenization of raw materials such as silica sand, soda ash, and dolomite.

With advanced combustion control and low-emission burner systems, our furnace guarantees a stable molten glass flow with exceptional clarity and chemical consistency.

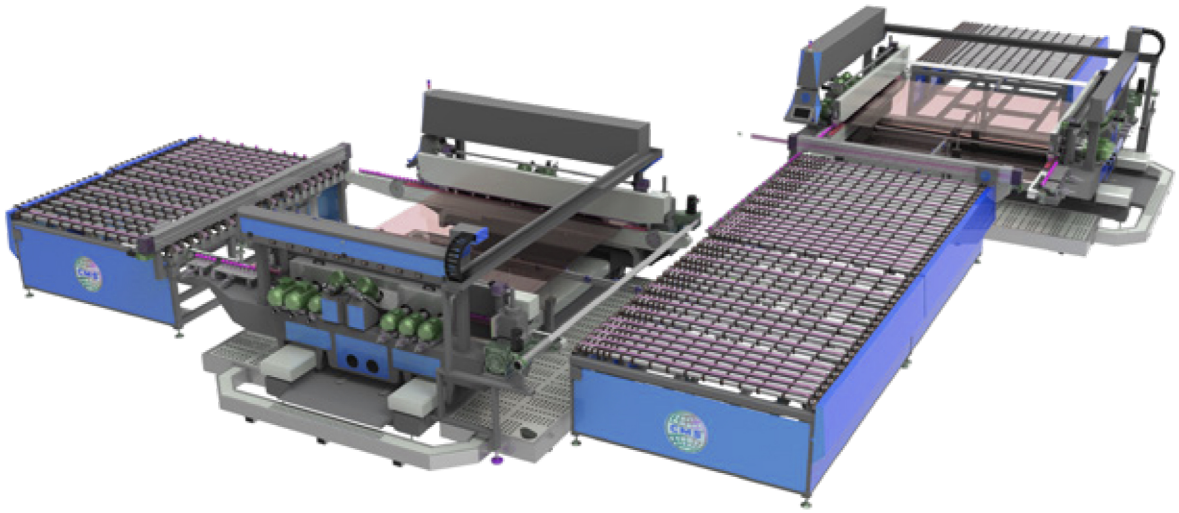
Rigid refractory linings and continuous thermal monitoring provide long service life and energy efficiency, making CSOIEC furnaces reliable for 24/7, non-stop industrial production



DE-L Series

Glass Double Edger Line

Configure your glass processing factory according to your needs and preferences with CMS glass processing machine solutions. With our many years of experience, we guarantee you a robust, reliable, maximum performance precision glass processing which capable of producing maximum quality processed finished glass with littleinvestment.

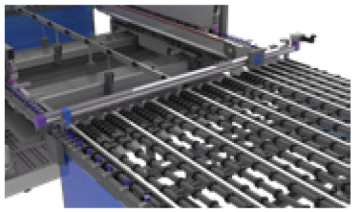


- 10+10 Spindle
- High Speed Processing
- CNC Control
- Automatic Lubrication System
- Sensor Panel
- Automatic Glass Measurement (Opt.)
- Automatic Positioning Support Mechanism (Opt.)
- Gantry Servo Positioning
- Multi-axis Servo Drive System
- Remote Access
- Profile Management
- Barcode Recognition (Opt.)
- Arissing, Grinding And Polishing
- Automatic Thickness Measurement (Opt.)
- Double Sided Air Knife
- Automatic Positioning

A- Feeding Conveyor

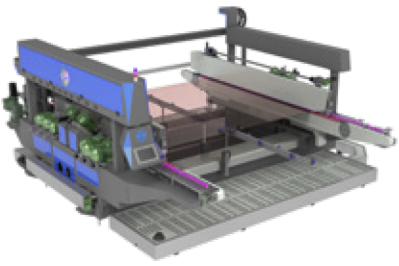
Using a feeding conveyor speeds up your process and also offers error and accident-free processing.

- Operator and error-free independent glass feeding
- Minimum operatör kontrolü



B- Glass Double Edger Machine (DE)

10 + 10 with 20 motors in total. It is used for high precision and perfect glass polishing processes at the same time with two parallel glass edgers for desired size
Adjustable Pressure For Polishing Wheel
Chamfering and Polishing Feature Perfect Parallelism
3 Stage Grinding



C- Outlet conveyor

The transfer conveyor is used to easily collect the glass from the edging machine by the operator and / or to automatically transmit it to the next process.

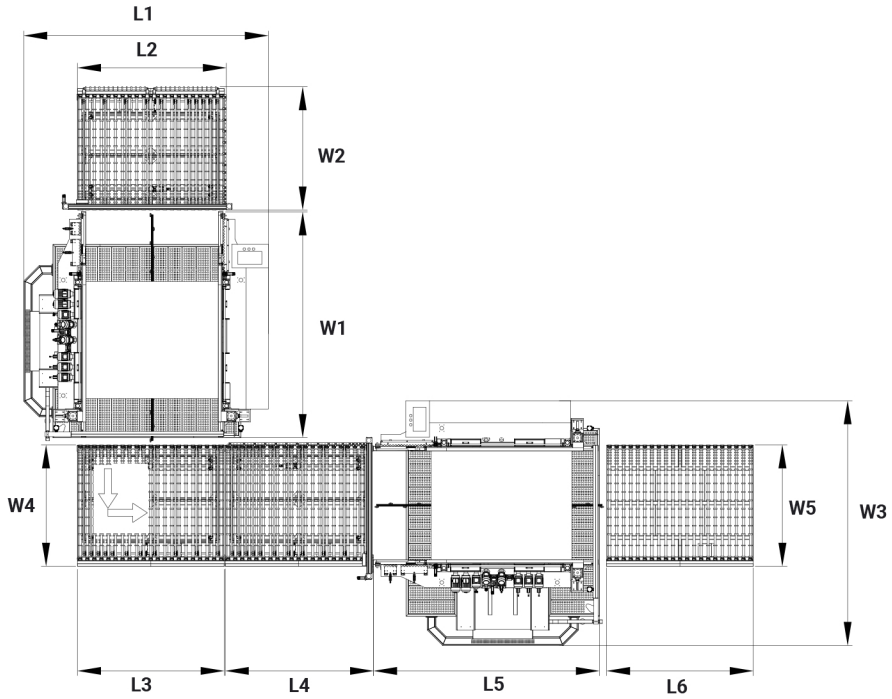
- Sturdy Chassis
- Automatic Glass Stopping

D- Second Line (Full Automation)

With the addition of the second line, you can gain the ability to automatically grind 4 edges of the glass. You can also configure your facility for uninterrupted product flow, thanks to synchronization with your existing machinery and lines.

- Independent size selection from the 1st line
- -ncludes all the features of the 1st line
- Feeding Conveyor, Double Edger Machine andTransfer Conveyor

Models & Sizes

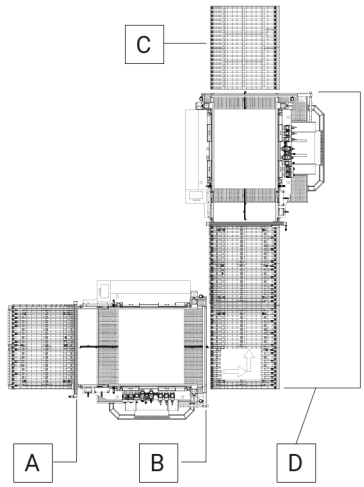


Single Line Semi Automation

Glass		1.Input		1.DE			1.Output	
L	W	L2	W2	L1	W1	H1	L3	W4
2000		2100	2100	4200	4800	2200	2100	2100
2500		2600	2600	4700			2600	2600
3000		3200	3200	5200			3200	3200

Double Line (Full Automation)

Glass		2.Input		2.DE			2.Output	
L	W	L5	W4	L4	W3	H2	L6	W5
2000	2000	3200	2100	4800	4200	2200	2100	2100
2500	2000		2100		4700		2600	2100
	2500		2600					2600
3000	2000		2100		5200		3200	2100
	2500		2600					2600
	3000		3200					3200



** Units of measurement - mm.*

Technical Datas

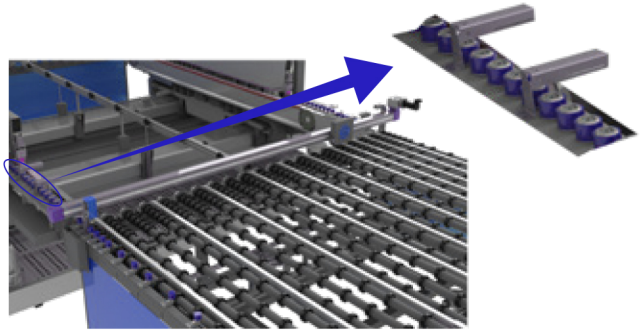
	DE-L	DE
Glass Thickness	3-25 mm	3-25 mm
Glass Processing Speed	2-12 m/min	2-12 m/min
Diagonal Glass Processing Tolerance	±0.5 mm/m	±0.5 mm/m
Paralel Glass Processing Tolerance	±0.1 mm/m	±0.1 mm/m
Min. Glass Size	250x300 mm	250x300 mm
Spindle Quantity	20 + 20	10 + 10

DE-L Series

Key Features

The main functions and features included as standard in our machines are structured to respond quickly and effectively to user needs.

- Compact Solution
- Automatic Lubrication System
- Easy Maintenance

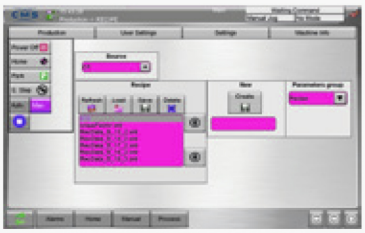


Automatic Glass Support

With automatic glass support mechanism the parallelism and rectangularity are guaranteed.

Recipe Management

Save your data and settings



Operator Panel

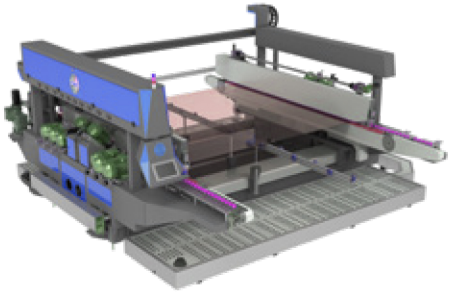
Thanks to the user-friendly operator panel, everything is under your control

Remote Access

Remote access feature provides advanced online assistance and troubleshooting

Independent Drive

Glass processing on both sides is carried out by independent Servo Drive mechanisms. This electronically synchronized system provides ease of maintenance and extends equipment lifespan.

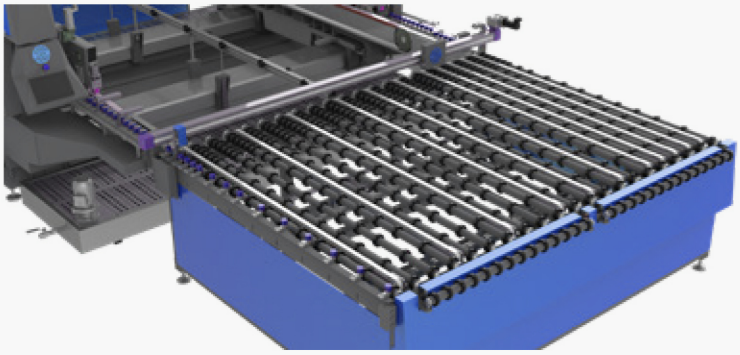


- Middle Support Mechanism that can be positioned according to the glass
- Long lifecycle thanks to automatic push-pull feature for polishing wheel

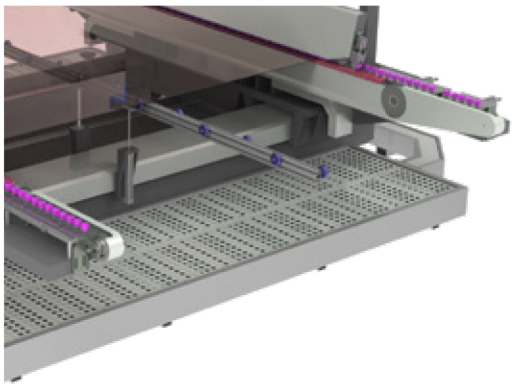
Opt. GRS - Glass Recognition System

This function, which automatically measures the length and thickness of the glass fed to the system and automatically adjusts the line according to the glass size and thickness of the line, has been developed for fully automatic facilities. Automatic miter feature comes as standard with this option.

- Automatic Glass Width Measurement
- Automatic Glass Thickness Measurement
- Process Control
- Recipe Tracking



Op. When GRS is selected Ops. IAP - Automatic Squaring feature comes as standard.

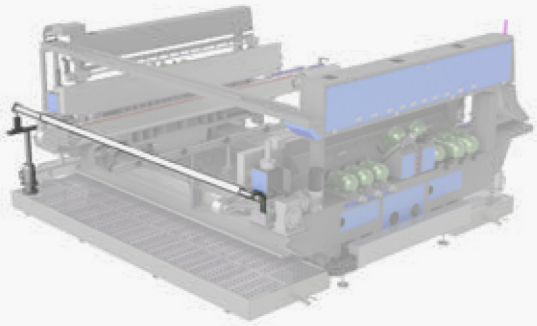


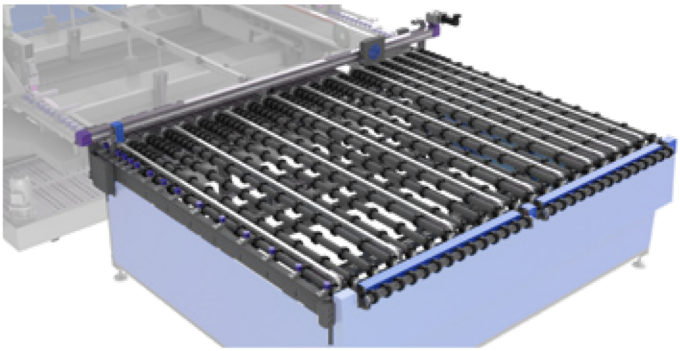
Opt. PSW - Automatic Positioned Glass Support Wheels

Automatic positioning of the lower support mechanism according to the recipe parameter or the measured glass dimensions feature. It eliminates the risk of breakage in large glasses and eliminates the risks of accidents compared to manual positioning.

Opt. OAK - Outlet Air Knife

It is used to prevent water and glass dust carried on the glass surface, to keep the plant clean and to protect the next processes.





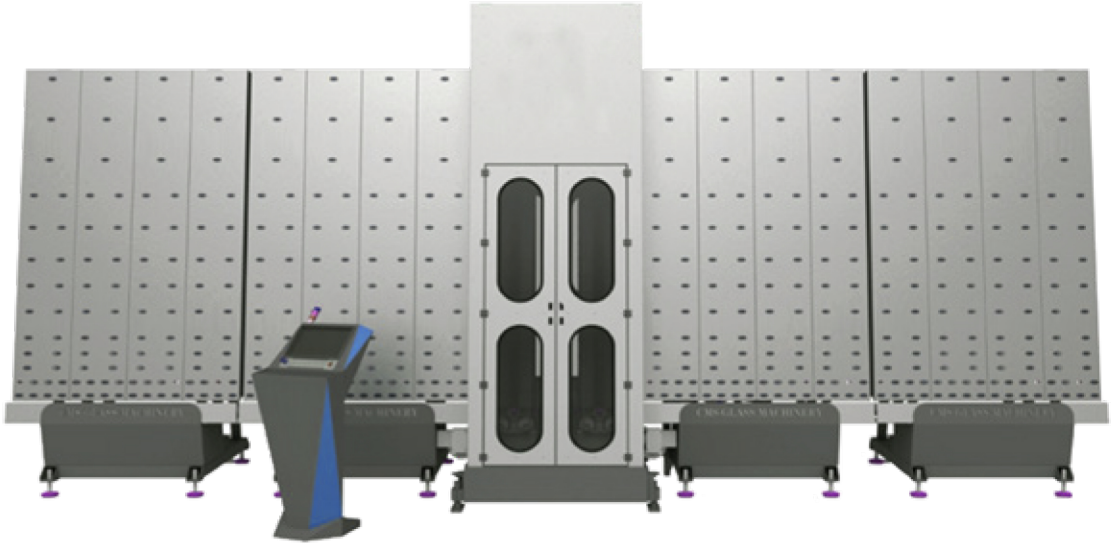
Opt. IAP - Auto-Positioning on Inlet Conveyor

Automatic squaring speeds up your process and eliminates operator errors. Glass left randomly on the conveyor is automatically squared and even fed

DZH-D Series

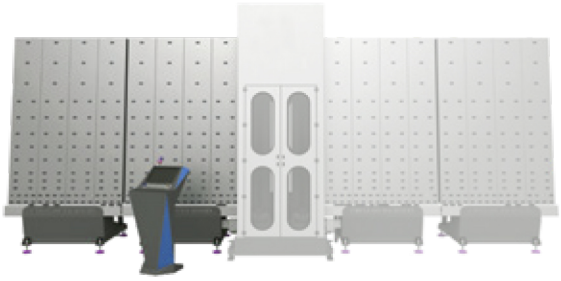
CNC Vertical Glass Arrising Machine with Diamond Tool

CNC vertical glass arrising machine with diamond tool is designed to perform the seaming process at maximum speed and perfectly before glass tempering or insulated glass production. All operations are carried out automatically at maximum cycle speed



- Stainless Steel
- Servo Motor System
- Automatic Thickness Measurement
- Automatic Glass Length and Height Measuring System
- Grinding Disc Set
- Stainless Steel Pumps
- Touch Control Panel
- Processing Low-E Glass
- Automatic Measurement
- Remote Connection
- Grinding 4-12 mm Glass

A- Inlet Conveyor

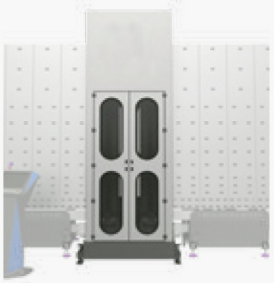


The input conveyor is designed for loading sheet glass with subsequent automatic transfer to grinding.

- Stainless steel case

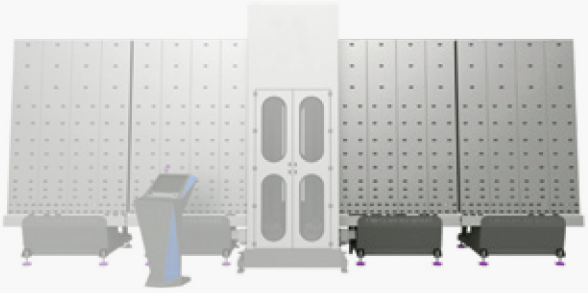
B- Seaming Unit

- Sensors for automatic detection of glass height and length
- Automatic grinding depending on the thickness and size of glass.
- Thanks to the automatic positioning system, the edges are processed with high speed and quality.

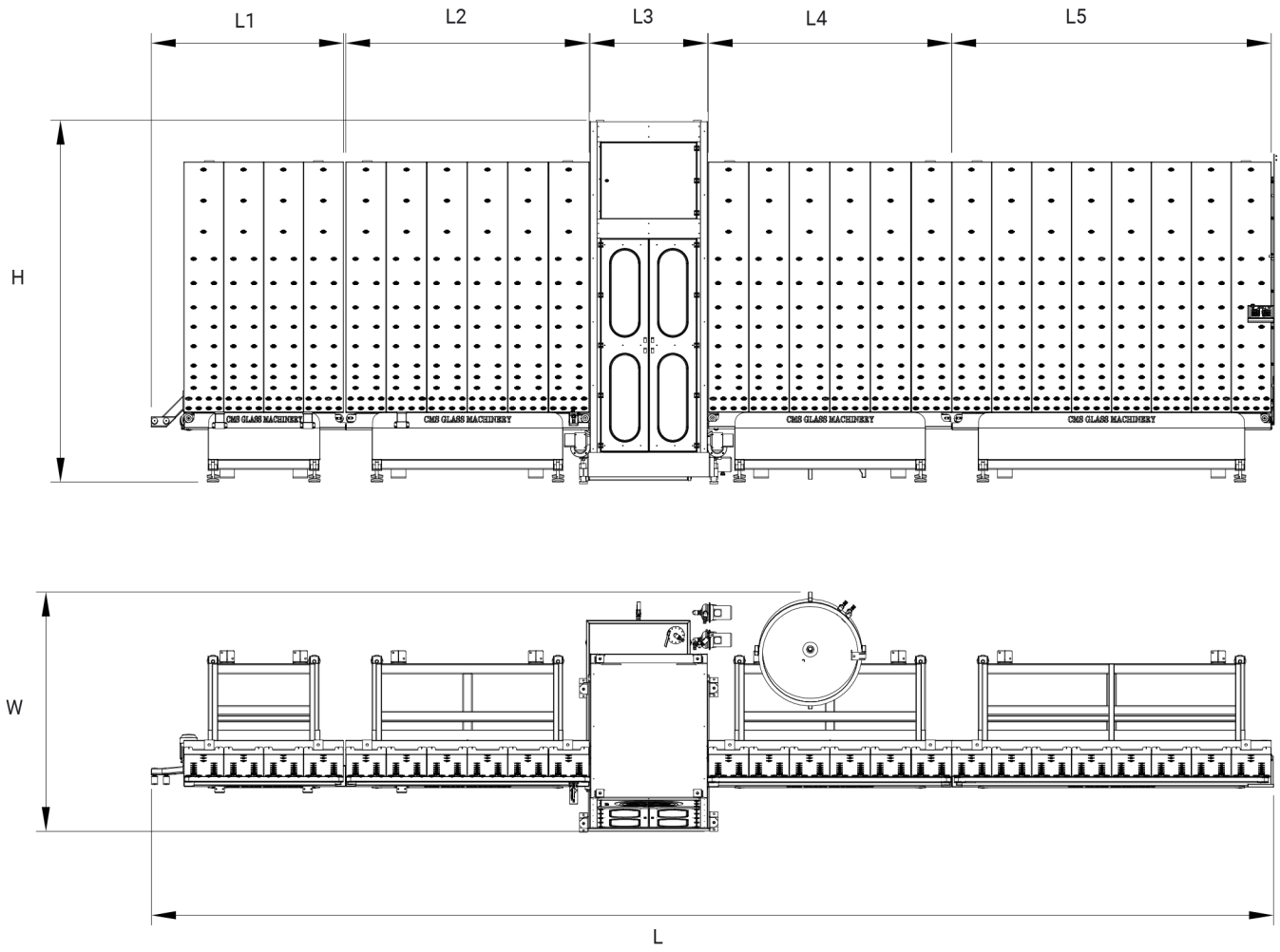


C- Output Conveyor

Thanks to its design, both CMS production glass washing and insulated glass production lines as well as different manufacturers to be easily integrated into their machines.



Models & Sizes



	L	L1	L2	L3	L4	L5	H	W
DZH-D	11500 mm	1980 mm	2500 mm	1210 mm	2500 mm	3280 mm	3720 mm	2500 mm

Please contact to your sales representative for different size requests.

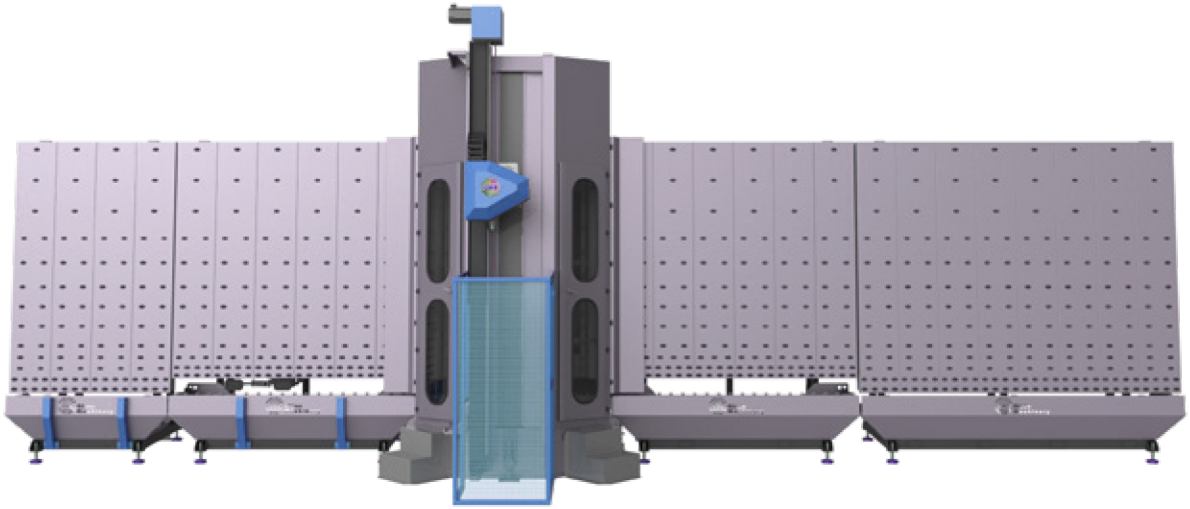
Technical Data

	DZH-D
Max. Glass size	3000x2500 mm
Min. Glass size	650x200 mm
Glass Thickness	4-19 mm
Processing speed	300 mm/sec

DZH
Series

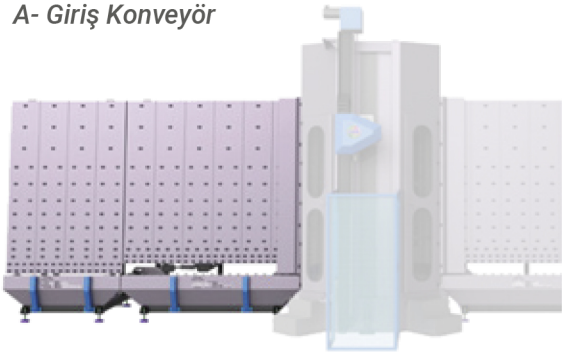
CNC Vertical Glass Arrising Machine

CNC vertical glass seaming machine is designed to perform the seaming process at maximum speed and perfectly before glass tempering or insulated glass production. All operations are carried out automatically at maximum cycle speed



- Stainless Steel
- Automatic Measurements
- Non-contact Grinding of Coated Glass
- Waterproof Servo Drive System
- 360° Degree Rotation Seaming Head
- Stainless Steel Pumps
- Straight and Shaped Glass Grinding
- Low-E Glass Processing
- Remote Connection
- Settling Tank
- Automatic Glass Thickness Adjustment (Opt.)

A- Giriş Konveyör

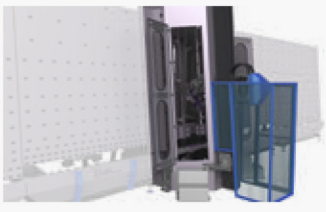


Automatic Glass Dimension Measuring System

It is designed to automatically measure the size of the glass given to the machine by the operator thanks to its automatic glass length measuring system the machine position itself according to the glass size. Thanks to this feature, the operator is prevented from entering glass information and the possibility of errors is removed and mass production is increased.

B- Seaming Unit

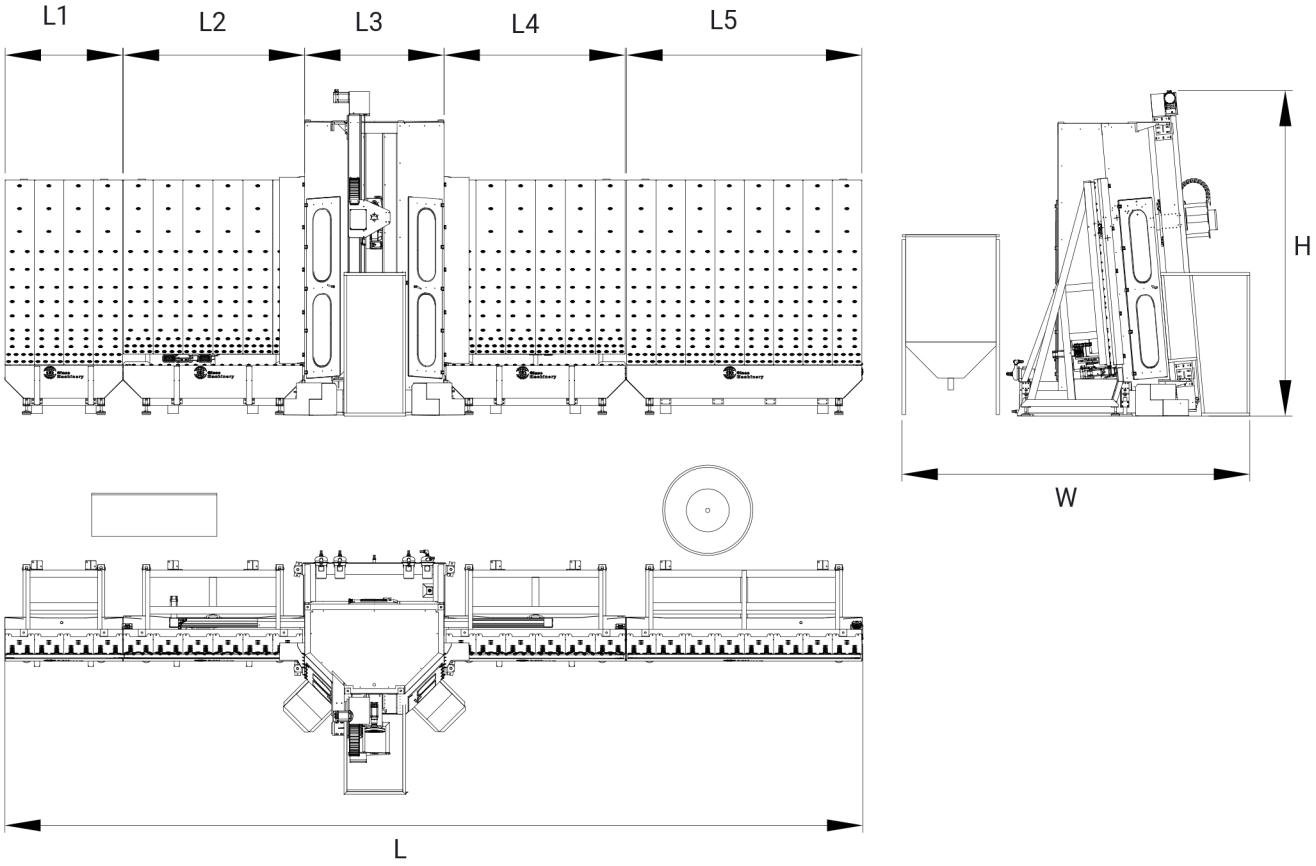
- Water resistant servo motors
- Automatic glass height detection is done with the help of sensors.
- Thanks to the 360 degree rotatable sanding head, all four sides of the glass can be processed automatically and quickly.
- Seaming depth can be adjusted from 0.5 mm to 2 mm.
- Flawless bottom edge seaming



C- Output Conveyor

Due to its special design, the machine can be easily integrated into any existing washing or insulating glass line CMS or others manufacturers.

Models & Sizes



	L	L1	L2	L3	L4	L5	W	H
DZH2500	12300 mm	1640 mm	2500 mm	1950 mm	2500 mm	3280 mm	4650 mm	4570 mm
DZH2800	12450 mm	1640x2 mm	2500 mm	1950 mm	4600 mm	4600 mm	4650 mm	4570 mm

Please contact to your sales representative for different size requests.

Technical Data

	DZH
Max. Glass Size	3000x2500 mm
Minumum İşlenebilir Cam Ebadı	350x20 mm
Glass Thickness	2,3 - 19 mm
Max. Vertical Processing Speed	30 m/min (glass thickness 2,3-19 mm)
Max. Horizontal Processing Speed	30 m/min (glass thickness 2,3-5 mm)
Max. Horizontal Processing Speed	20 m/min (glass thickness 6-8 mm)
Max. Glass Weight	940kg (250kg/lm)
Air Pressure	6 bar
Air Consumption	200 lt/min
Su Basıncı	3 bar
Water Consumption	50 lt/min

DZH-D Series

Key Features

The main functions and features included as standard in our machines are structured to respond quickly and effectively to user needs.

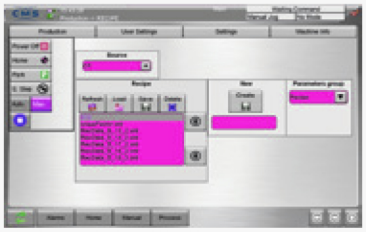
- Low-E Glass Seaming
- Complete Stainless Steel
- Serial Glass Seaming

Straight And Shaped Glass Seaming

It is designed for both straight and shaped glass seaming. CMS Shape Library offers different options for your shaped glasses.

Recipe Management

Save your data and settings

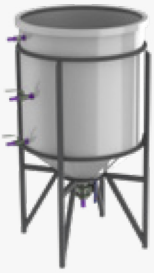


Operator Panel

Thanks to the user-friendly operator panel, everything is under your control

Remote Access

Remote access feature provides advanced online assistance and troubleshooting



Settling Tank

We separate the glass dust in a separate tank. Thanks to the settling tank located at the back of the machine and connected to the water tank, the glass dust that emerges after seaming operations is settled in a separate tank and the glass dust is prevented from re-entering the system.

- Stainless steel water pumps and tank
- Precise glass seaming with servo motor technology

DZH Series

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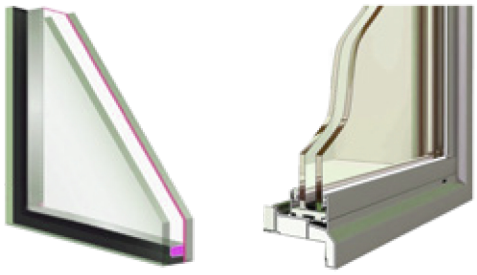

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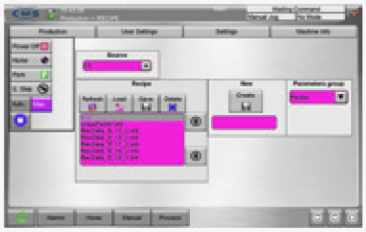

Operator Panel

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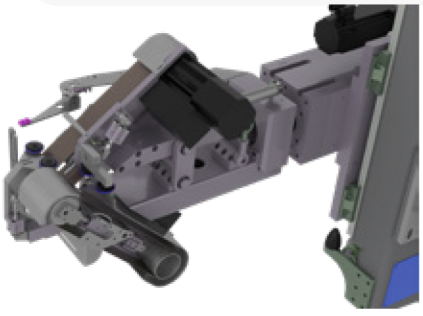
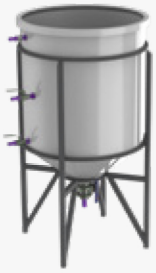
Remote Access

Remote access feature provides advanced online assistance and troubleshooting

Automatic Seaming Belt Pressing Pressure For Different Thicknesses

Seaming belt pressing pressure is automatically adjusted for different glass thicknesses and the lifetime of the seaming belt is increased. Thanks to this feature, the frequency of replacement of the sanding belt is reduced, thereby reducing time and maintenance costs.





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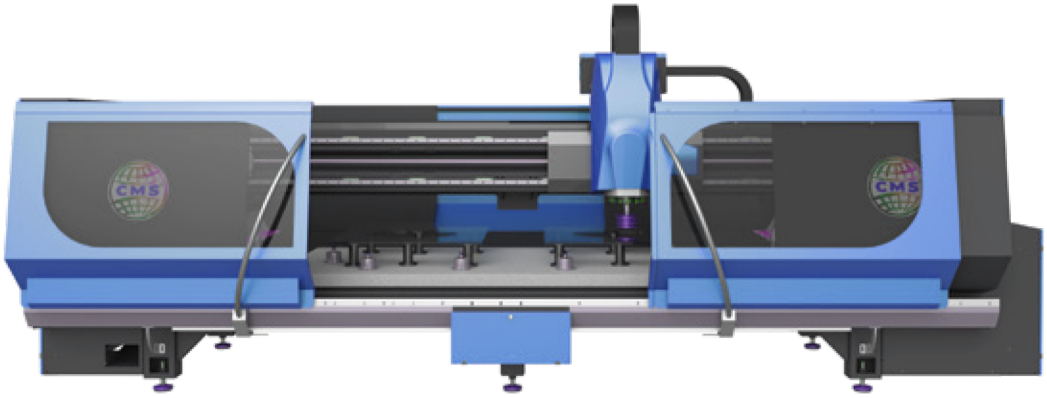
- Stainless steel water pumps and tank
- Precise glass seaming with servo motor technology

GPC Series

Glass Processing Center

CNC glass processing center is designed for edging, drilling, milling and polishing of straight and shaped glass. Owing to integrated PC-based numerical control the system is fully automated completing glass processing fast and flawless.



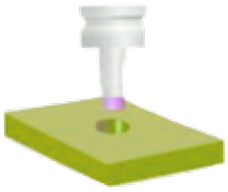
- 3 Eksen
- Automatic Tool Change
- Automatic Spindle Cooling System
- Rough, Fine Edging And Polishing With One Set Of Tools
- Automatic Central Lubrication System
- Tool Calibration
- Manual Control Unit
- Choice Of Turret For Single Or Double Station

Multifunction

Straight and shaped glass edging, milling, drilling and polishing performed automatically in one cycle.

Drilling

Precise drilling for holes with different diameters.



Milling

Precise milling diameters and dimensions for glass and mirrors.

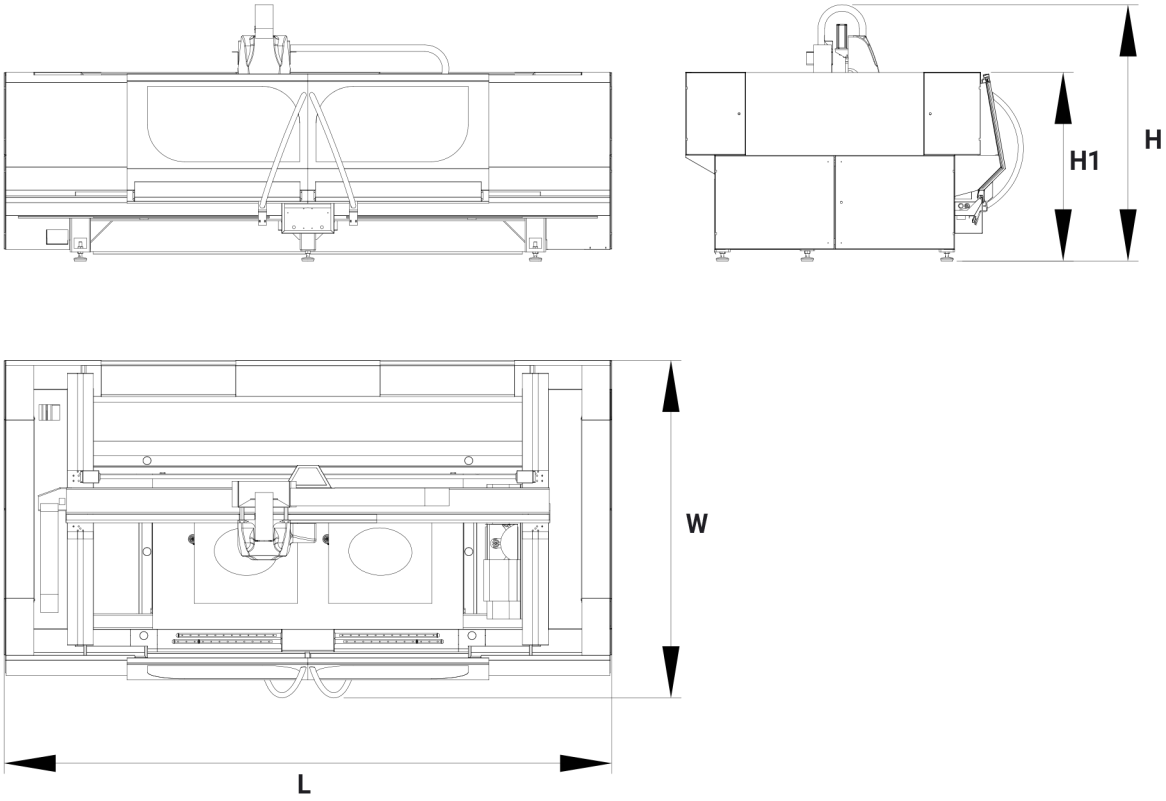
Grinding

Fast grinding of external and internal edges of glass.

Polishing

Transparency and smoothness of the edge by polishing.

Models & Sizes



	L - Glass	W - Glass	L	W	H	H1
GPC	3000 mm	1500 mm	6000 mm	3600 mm	2750 mm	1850 mm

Technical Data

	GPC
Number of axles	3
Min. size of the processed glass	200x200 mm
Max. size of the processed glass	3000x1500 mm
Processing glass thickness	3-25 mm
Glass processing speed	0-24 m/min
Spindle speed	12000 rmp
Spindle power	15 kW
Max. Tool diameter	150 mm
Number of tools	7
Max. speed (X - Y - Z)	30 - 60 - 15 m/min

GPC Series

Key Features

The main functions and features included as standard in our machines are structured to respond quickly and effectively to user needs.

- **Automatic Lubrication System**
- **Automatic Tool Change**
- **Sturdy Spindle Motor**

Automatic Cooling System

Spindle motor cooling system performs internal and external tools cooling in automatic mode preventing possible malfunctionings thus averting unnecessary maintenance costs.

CAD/CAM Software

Glass processing center is supported by CAD / CAM software and user-friendly interface therefore all processing operations performed automatically with minimum operational interference.

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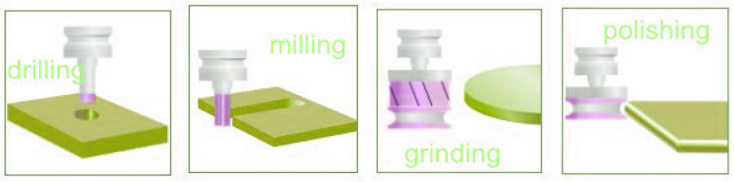
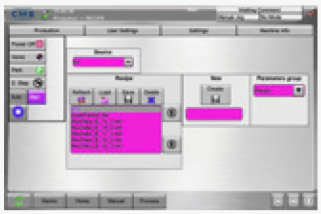
Multifunction

Straight and shaped glass edging, milling, drilling and polishing performed automatically in one cycle.



Recipe Management

Save your data and settings



Operator Panel

Thanks to the user-friendly operator panel, everything is under your control

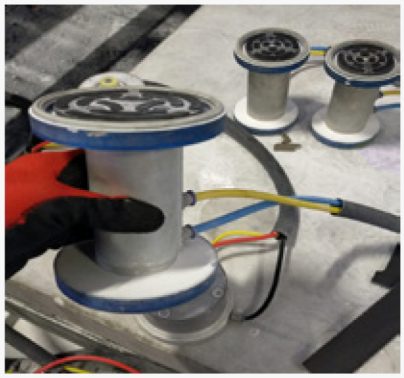
Remote Access

Remote access feature provides advanced online assistance and troubleshooting

- Marble Floor and Calibration Feature
- Stainless Water Tank
- Ergonomic Pedal and Vacuum Control System

Opt.PHW
Proportional Handwheel

Proportional and ergonomic handwheel for precise and fast reset and setup.



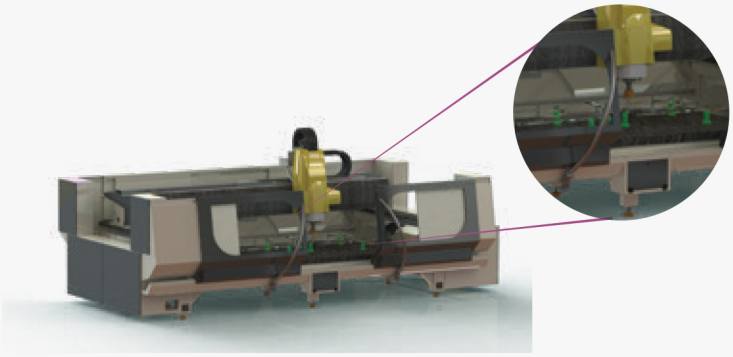
Opt.GSP
Suction Cups Support System

Strong suction cups technology provides safety and easy application.

Code	Height	Diameter
VA3	155	80
VA1	155	100
VA2	155	120
VA4	155	160

Opt.TGS
Telescopic Glass Support

Integrated telescopic glass support system allows to extend the tool length doubling or tripling edging tool sets on the turret. Thus increasing machine's efficiency and capacity performing three processes with one time tools change in one cycle.



Opt.DSP
Double Station Processing

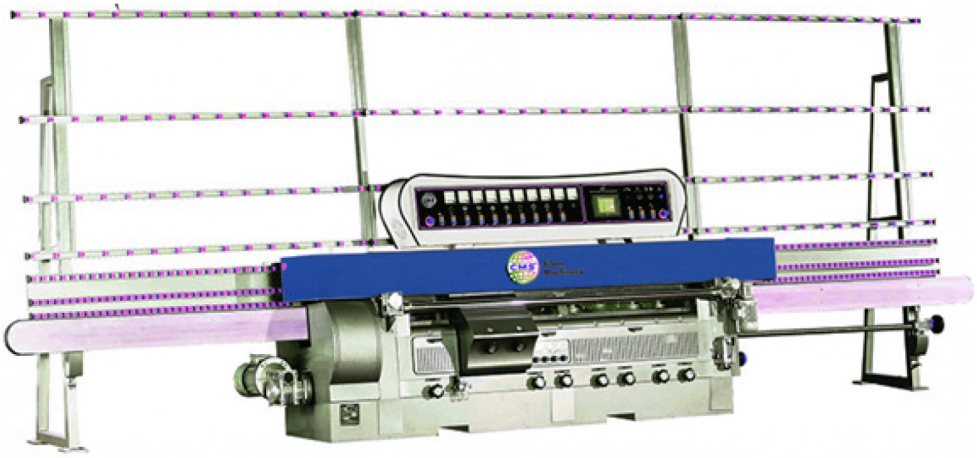
Two glass sheets can be loaded at the same time. Due to this feature after the first glass processing is finished machine automatically recentre in order to process second glass. Herein time losses caused by loading glass sheets in sequence are prevented providing the opportunity of serial production.

Ops.STM Second Tool Magazine (+7 Tools)

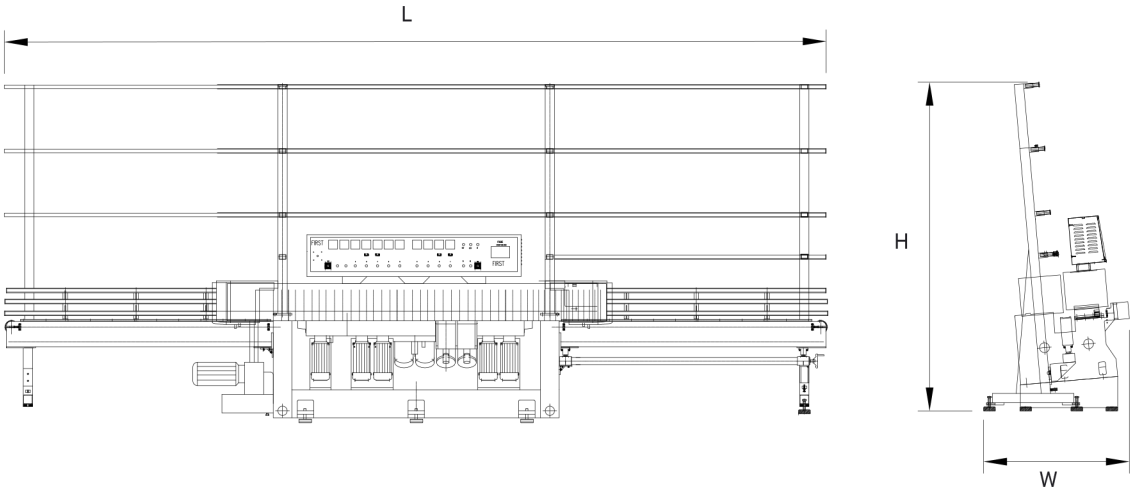
CZM
Series

Glass Straight Line Edging Machine

Glass straight line edging machine is specialized machine for processing the straight edge of flat glass with arrising, coarse grinding, fine grinding and polishing have been done in one processing travel.



Models & Sizes



	L	W	H
CZM	6800 mm	1000 mm	2500 mm

Technical Data

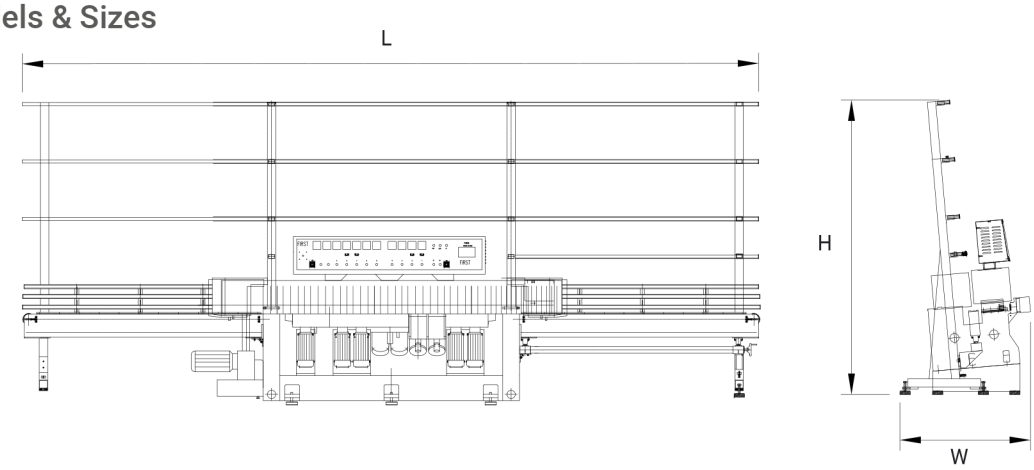
	CZM9
Min. glass size	80 x 80 mm
Glass thickness	3 - 19 mm
Number of spindles	9

CXM Series

Glass Straight Line Bevelling Machine

Glass straight line bevelling machines are designed for grinding and polishing a bevel edge, with bottom round edger of glass with different size and thickness. Rough grinding, fine grinding, polishing of bevel and grinding of bottom edge can be completed in one time.

Models & Sizes



	L	W	H
CXM	6800 mm	1000 mm	2500 mm

Technical Data

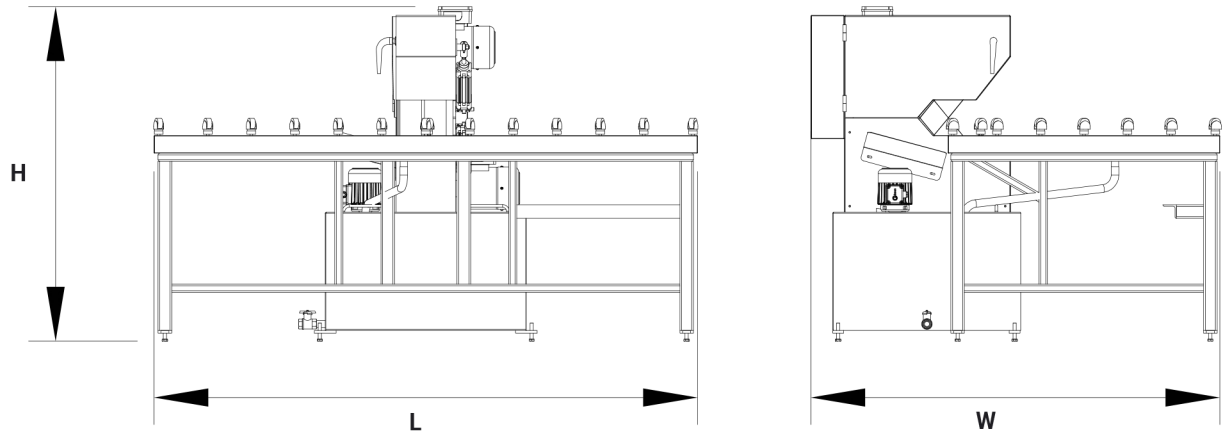
	CXM
Min. Glass Size	150 x 150 mm
Processing Speed	0.7 - 2.8 m/min
Glass Thickness	3-12 mm
Number Of Spindles	10
Max. Bevelling Width	30 mm
Bevelling Degree	0 - 22 °

CZJ Series

Glass Horizontal Drilling Machine

Glass horizontal drilling machine is a cold processing machine which is easy to drill holes on sheets of glass and is equipped with upper and lower drilling bit

Models & Sizes



	L	W	H
CZJ	2150 mm	2500 mm	1750 mm

Technical Data

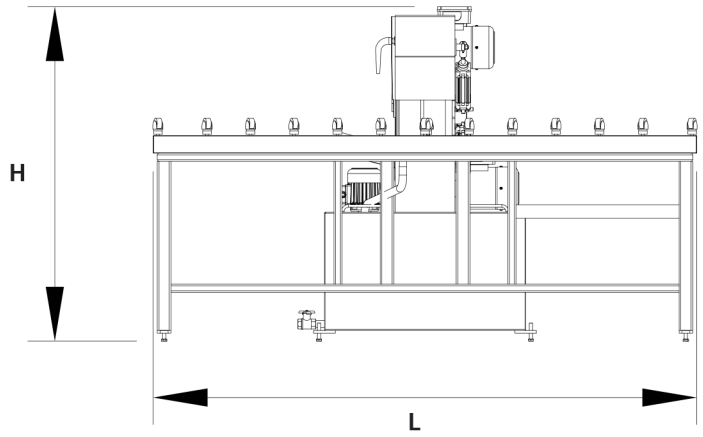
	CZJ130
Glass Thickness	3 -19 mm
Hole Diameter	Ø4-Ø160 mm
Height	850 mm

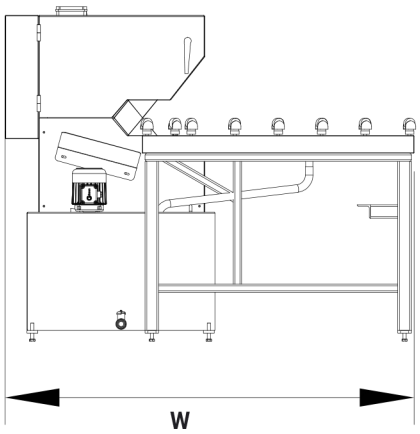
ZMP Series

Glass Sandbelt Grinding Machine

Glass sandbelt grinding machine is convenient to operate and specialized in grinding arise of flat glass, especially suitable for grinding door or window edge before tempering

Models & Sizes





	L	W	H
ZMP	5900 mm	3500 mm	1850 mm

Technical Data

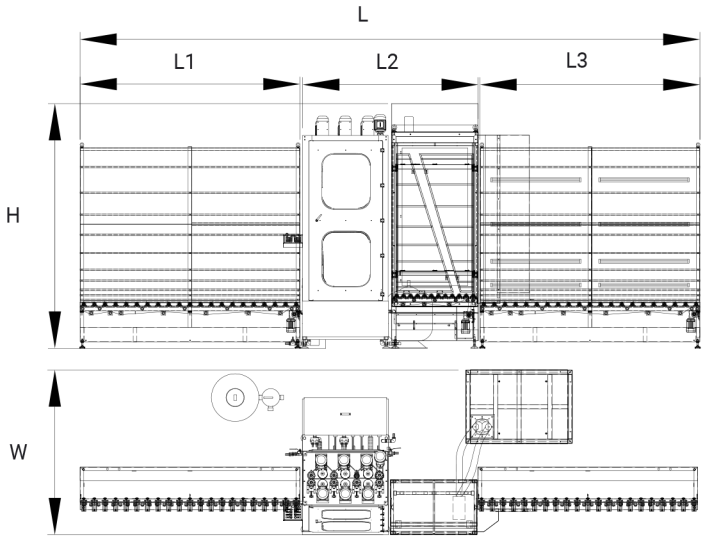
	ZMP
Max. Glass Size	1000-1500 mm
Glass Thickness	3-19 m/min

VGYM Series

Vertical Glass Washing & Drying Machine

Vertical glass washing and drying machine is designed to wash and dry glass sheets automatically with high efficiency and performance, is also configurable according to your needs and your space.

Models & Sizes



	L - Glass	W- Glass	L	L1	L2	L3	W	H
VGYM	1700 mm	3000 mm	8460 mm	3000 mm	2400 mm	3000 mm	1500 mm	2850 mm

Please contact to your sales representative for different size requests.

Technical Data

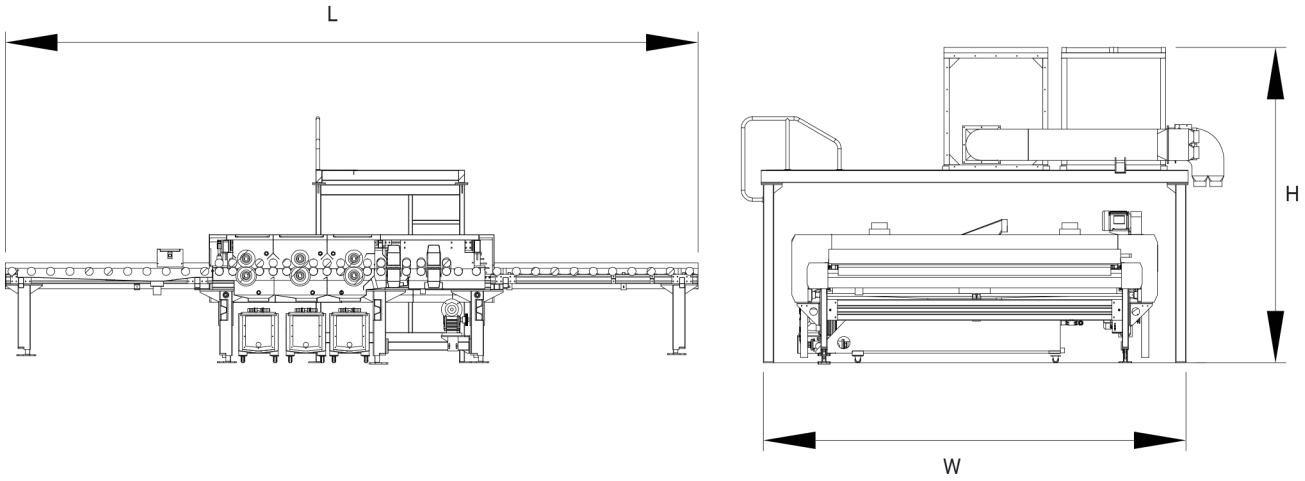
	VGYM
Glass Thickness	3-19 mm
Min. Glass Size	170x350 mm
Max. Glass Size	1700x3000 mm
Washing Speed	12 m/min
Number Of Brushes	6
Number Of Motors	6

HGYM Serisi

Horizontal Glass Washing & Drying Machine

Horizontal glass washing and drying machine is designed for automatic washing and drying of flat glass sheets with high efficiency and productivity.

Models & Sizes



	L	W	H
HGYM1600	6000 mm	3000 mm	2650 mm
HGYM2500	6600 mm	4500 mm	3200 mm
HGYM2000	6300 mm	3500 mm	2850 mm

Technical Data

	HGYM1600	HGYM2000	HGYM2500
Max. Glass Width	1600 mm	2000 mm	2500 mm
Number of Brushes	6	6	6
Low-E Glass	Applicable		

DE-L - Double Edger Line

Motion software controls the servo motors placed at critical points in double edger machine. As a result, a high-quality edge processing result is achieved thanks to the precise positioning of the axes. Motion software can be easily and quickly reconfigured by changing the operating mode on the control panel to increase productivity as needed by converting a single machine to an L-type automatic glass processing line.

The program automatically monitors glass feeding, controlling the staging and processing speed of glasses of different thicknesses and sizes, preventing possible errors caused by the human factor.

Motion also provides a summary of daily and total glass processed and provides performance analysis.

The user-friendly multilingual interface allows the operator to easily control the process in real time.

DZH - CNC Vertical Glass Arrising Machine

The automated machine adopts the G-Code programming language to perform linear interpolation. Software allows you to minimize the waiting time. The machine also handles the processing of various glass shapes available in the CMS shape library. The reproducible G-codes will be presented to the operator before and during processing. Machine can be operated with minimal operator intervention. Automatic and manual modes of operation are possible. The software provides a summary of daily and total glass processed volumes and provides performance analysis,

warning about the wear of the processing belt for its timely replacement.

DZH-D - CNC Vertical Glass Arrising Machine with Diamond Tool

The automated machine with diamond tool is designed for high-speed grinding of sharp edges of straight glass. The machine also provides a matt polishing possibility. The software allows you to eliminate the time-consuming tool change for different glass thicknesses by entering the parameters of the existing tools. Thanks to the encoder on the machining tool, the offset can be fine-tuned. During the process the grinding depth can be quickly adjusted. Recording the processing parameters for a specific glass thickness will help reduce setup times..

The software provides a summary of daily and total glass processed and provides performance analysis. The user-friendly multilingual interface allows the operator to easily control the processing in real time.

GPC - Glass Processing Center

To start processing, drawing files with extensions such as DXF from 2D design programs such as AutoCad must be imported. It is also possible to process an existing template without significantly increasing the setup time. The software performs fast and accurate prototyping before processing. Fast generation of G code for new templates. The CAD / CAM software can, if necessary, be used remotely from the machine, thanks to an independent key.

CNC machine:

CNC with 4-axis interpolation, specially designed for high-precision glass processing. The software identifies the commands used to process and automatically performs tool changes, minimizing operator intervention.

The program also notifies the machine operator with alarms about low vacuum, insufficient water level, etc. for the purpose of safe operation and keeping the machine in excellent working condition. The software provides a summary of daily and total glass processed and provides performance analysis.

Technical Service

Our After Sales Service department has the same objective as you: to achieve high and reliable performance throughout the entire life cycle of your equipment. Our global service team provides support with services and customised service products to guarantee and improve the performance of the machine. CMS Glass Machinery's service philosophy is to ensure close cooperation, efficient communication and high flexibility.

Maximum reliability and a long-term operational availability

Whether you need prompt assistance over the telephone, e-mail, remote support request, replacement of a particular component, an inspection or maintenance, our service teams act quickly and provide you with first-class support, round the clock, at any location and over the whole life-cycle of your installation. We always endeavour to keep your total cost of ownership as low as possible.

- **Personal Contact**
- **Revision**
- **Maintenance**
- **Spare Parts**
- **Remote Support**
- **Repair**
- **Field Service**
- **Training**

Maximum reliability and a long-term operational availability

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Exclusive Super Clear / Low IronTechnology

Lead the future through creation and intelligence

Exclusive Super Clear /Low IronTechnology

(CSOIEC Proprietary Iron-Removal Innovation)

CSOIEC stands among the very few global manufacturers that have achieved a fully proprietary technology for producing Super Clear (Ultra Clear) float glass, through a unique chemical purification process.
By applying advanced reduction agents and controlled reactions at furnace temperatures above 1600°C, our system is capable of eliminating iron oxides (Fe_2O_3) from the glass batch — far beyond conventional low-iron standards.
This exclusive method results in glass with:

- Crystal-level transparency
- Maximum light transmission
- Zero green tint and optical neutrality

Such ultra-clear glass is highly demanded in high-end applications, including architectural façades, luxury interiors, photovoltaic solar panels, and precision optical components.

With this breakthrough, CSOIEC has established a competitive monopoly in the field of ultra-clear float glass manufacturing — a milestone few in the world have reached.

CHINA TRIUMPH
International Engineering Co.,Ltd.

COOPERATION PARTNERS

GLOBAL NETWORK

Actively participate in
"The Belt and Road Initiative"

SERVICE NETWORK:

- USA, Germany, UK, Japan, Saudi Arabia, India, Indonesia, Turkiye, Vietnam, Kazakhstan


CSOIEC

Research & Development Center

We continously design and develop our Innovative glass machines in our Research & Development center. Our aim and goal is to use new ideas to create new value-added solutions that are perfectly tailored to the current and future market needs of the glass industry.

THE FIRST AND ONLY APPROVED R&D CENTER OF TURKEY'S GLASS MACHINERY INDUSTRY

Our innovations that we have developed for domestic and international glass industry market set new benchmarks in modern glass companies, both in the development of new glass machines for glass processing companies and also in the improvement of existing glass processing companies

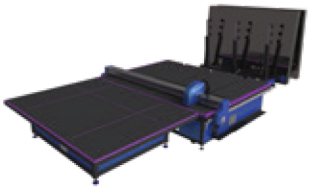
Customer Focused Research & Development

The success we have achieved since the day we were founded and our preference by glass processing factories have been the most distinguishing feature. With the motivation of developing many glass machines that have become a reference point in the glass industry in their segments, our engineers continue to produce value-added outputs in the sector. We produce innovative solutions by blending the needs and demands of the sector with science and technology.


CSOIEC

Product Range

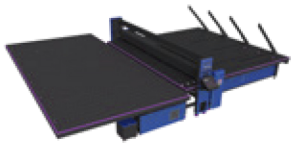
Glass Cutting Machines



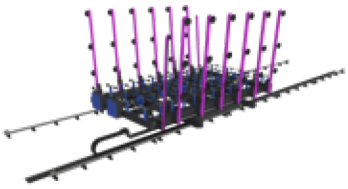
Glass Cutting Table with Integrated Glass Loading Arms

Automatic Glass Cutting Table

Electromagnetic Linear Motor Driven Automatic Glass Cutting Line

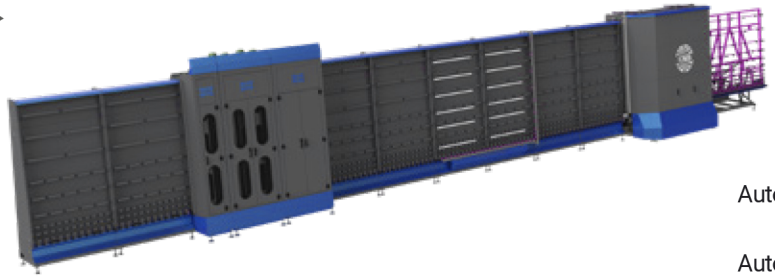


Laminated Glass Cutting Line



Automatic Glass Loading Robot

Glass Cutting Table with Integrated Belt



Glass Washing Machines & Lines

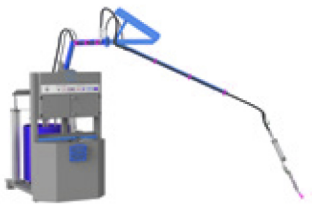
Glass Washing and Combining Line with Roller Press

Automatic Glass Washing and Combining Line with Hydraulic Panel Press

Automatic Glass Washing and Combining Line with Servo Driven Argon Gas Filling Panel Press

Sealing Robots & Extruders

Servo Motor Driven Automatic Glass Sealing Robot



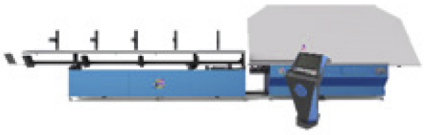
Glass Sealing Extruder

Rotary Table

Rotary Table

Hotmelt Extruder

Spacer Processing & Auxiliary Machines



Automatic Spacer Bending Machine

Automatic Desiccant Filling Machine

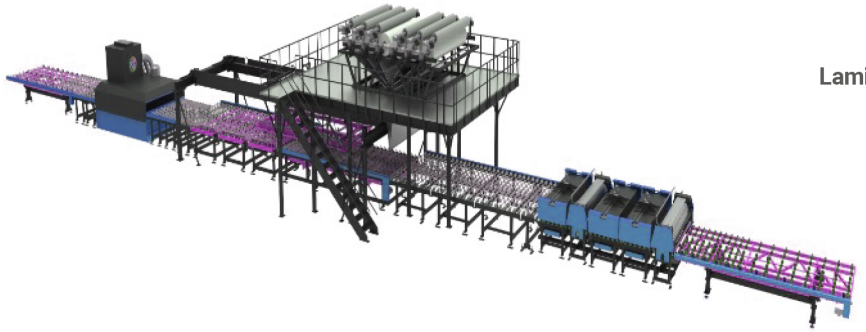
Butyl Extruder

Glass Tempering Furnaces

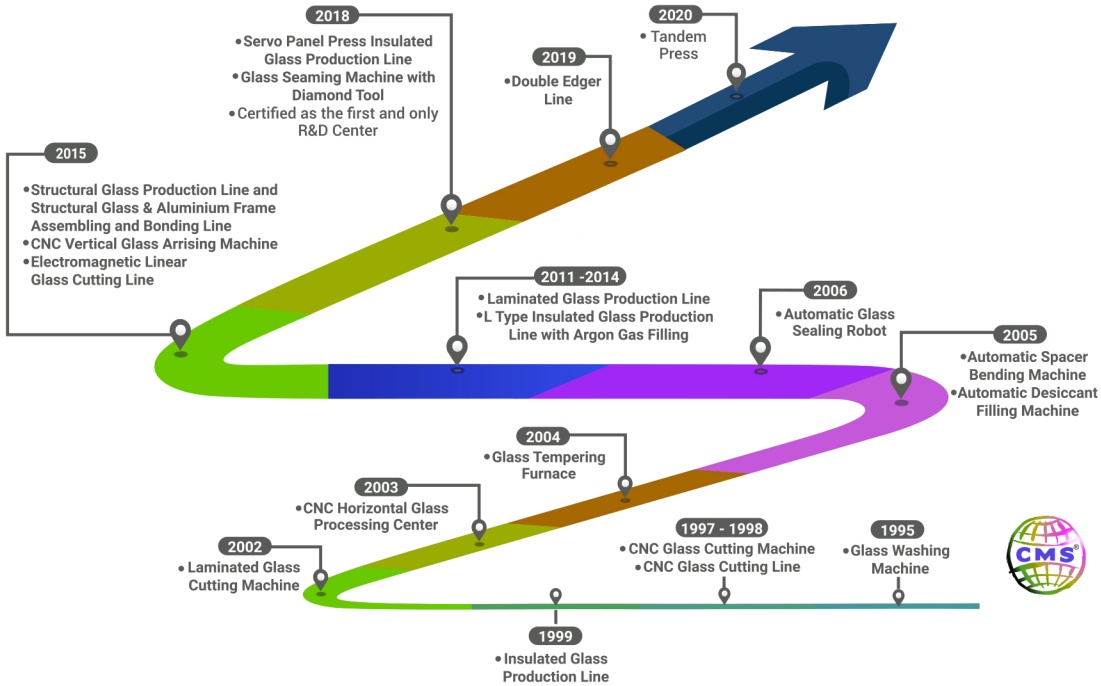
Flat Glass Tempering Furnace

Flat & Bending Glass Tempering Furnaces

Convectional Glass Tempering Furnaces



Laminated Glass Production Lines



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