We look to the future
ABOUT US

CMS Glass Machinery was founded in 1995 in Istanbul and has become the first major company in Turkey producing flat glass processing equipment and technologies. Today, due to the technology and innovation studies performed in CMS R&D Center, CMS has become one of the unique global corporations that is able to build a whole glass processing facility on its own, through 30 main products and over 200 derivatives.

While being a domestic leading company in its own field, CMS has also become a global brand with 80% export rate. CMS has created solutions for more than 10,000 customers in 127 countries with more than 15,000 machines supplied and has become one of the key vendors leading the global glass processing market.

CMS has achieved to be listed along with the top global key role player companies according to the surveys conducted by international organizations. CMS Glass Machinery is Counted among the most reputable manufacturers in the market with both its technical operation departments such as Sales, R&D Center, Production, After Sales Services and its corporate infrastructure together with a 26 years of industrial processing know-how.

We look to the future
Glass Double Edger Line

CNC Vertical Glass Arrising Machine with Diamond Tool

CNC Vertical Glass Arrising Machine

CNC Horizontal Glass Processing Center

Glass Straight Line Edging Machine

Glass Straight Line Bevelling Machine

Glass Horizontal Drilling Machine

Glass Sandbelt Grinding Machine

Vertical Glass Washing Machine

Horizontal Glass Washing Machine
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
- Includes all the features of the 1st line

Feeding Conveyor, Double Edger Machine and Transfer Conveyor

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 little investment.

**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 little investment.*

**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 operator 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
- Includes all the features of the 1st line
- Feeding Conveyor, Double Edger Machine and Transfer Conveyor
### Models & Sizes

![Diagram of glass processing machines with dimensions and specifications]

#### Glass Lengths

<table>
<thead>
<tr>
<th>Glass</th>
<th>1. Input</th>
<th>1. DE</th>
<th>1. Output</th>
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<tbody>
<tr>
<td>L</td>
<td>W</td>
<td>L1</td>
<td>W1</td>
</tr>
<tr>
<td>2000</td>
<td>2100</td>
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#### Glass Widths

<table>
<thead>
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<th>2. Input</th>
<th>2. DE</th>
<th>2. Output</th>
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<tbody>
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<tr>
<td>3000</td>
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#### Technical Datas

<table>
<thead>
<tr>
<th></th>
<th>DE-L</th>
<th>DE</th>
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<tbody>
<tr>
<td>Glass Thickness</td>
<td>3-25 mm</td>
<td>3-25 mm</td>
</tr>
<tr>
<td>Glass Processing Speed</td>
<td>2-12 m/min</td>
<td>2-12 m/min</td>
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<td>Diagonal Glass Processing Tolerance</td>
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<td>±0.5 mm/m</td>
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<tr>
<td>Paral Glass Processing Tolerance</td>
<td>±0.1 mm/m</td>
<td>±0.1 mm/m</td>
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<tr>
<td>Min. Glass Size</td>
<td>250x300 mm</td>
<td>250x300 mm</td>
</tr>
<tr>
<td>Spindle Quantity</td>
<td>20 + 20</td>
<td>10 + 10</td>
</tr>
</tbody>
</table>

*Units of measurement - mm.*
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 Glass Support
With automatic glass support mechanism the parallelism and rectangularity are guaranteed.

Automatic Lubrication System

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.

Easy Maintenance

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

Operator Panel Remote Access

Independent Drive

Middle Support Mechanism that can be positioned according to the glass

Long lifecycle thanks to automatic push-pull feature for polishing wheel
Optional Features

**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

**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...
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.

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

Please contact your sales representative for different size requests.

Technical Data

<table>
<thead>
<tr>
<th></th>
<th>DZH-D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Glass size</td>
<td>3000x2500 mm</td>
</tr>
<tr>
<td>Min. Glass size</td>
<td>650x200 mm</td>
</tr>
<tr>
<td>Glass Thickness</td>
<td>4-19 mm</td>
</tr>
<tr>
<td>Processing speed</td>
<td>300 mm/sec</td>
</tr>
</tbody>
</table>
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**
- **Automatic Glass Thickness Adjustment (Opt.)**
- **Stainless Steel Pumps**
- **Low-E Glass Processing**
- **Settling Tank**
- **Straight and Shaped Glass Grinding**
- **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

Technical Data

<table>
<thead>
<tr>
<th></th>
<th>DZH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Glass Size</td>
<td>3000x2500 mm</td>
</tr>
<tr>
<td>Minimum İşlenebilir Cam Ebadı</td>
<td>350x20 mm</td>
</tr>
<tr>
<td>Glass Thickness</td>
<td>2,3 - 19 mm</td>
</tr>
<tr>
<td>Max. Vertical Processing Speed</td>
<td>30 m/min (glass thickness 2,3-19 mm)</td>
</tr>
<tr>
<td>Max. Horizontal Processing Speed</td>
<td>30 m/min (glass thickness 2,3-5 mm)</td>
</tr>
<tr>
<td>Max. Horizontal Processing Speed</td>
<td>20 m/min (glass thickness 6-8 mm)</td>
</tr>
<tr>
<td>Max. Glass Weight</td>
<td>940kg (250kg/m)</td>
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<tr>
<td>Air Pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>200 lt/min</td>
</tr>
<tr>
<td>Su Basinci</td>
<td>3 bar</td>
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<tr>
<td>Water Consumption</td>
<td>50 lt/min</td>
</tr>
</tbody>
</table>

Please contact to your sales representative for different size requests.
The main functions and features included as standard in our machines are structured to respond quickly and effectively to user needs.

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**Key Features**

- **Low-E Glass Seaming**
- **Complete Stainless Steel Glass Seaming**
- **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.

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- **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

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- **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.

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- Stainless steel water pumps and tank
- Precise glass seaming with servo motor technology
Remote access feature provides advanced online assistance and troubleshooting.

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

- **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.

- **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**
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.

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

GPC

<table>
<thead>
<tr>
<th>L - Glass</th>
<th>W - Glass</th>
<th>L</th>
<th>W</th>
<th>H</th>
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<tbody>
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<td>3000 mm</td>
<td>1500 mm</td>
<td>6000 mm</td>
<td>3600 mm</td>
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<td>1850 mm</td>
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Technical Data

<table>
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<th>GPC</th>
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<td>Number of axles</td>
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<td>Min. size of the processed glass</td>
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<tr>
<td>Max. size of the processed glass</td>
<td>3000x1500 mm</td>
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<tr>
<td>Processing glass thickness</td>
<td>3-25 mm</td>
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<tr>
<td>Glass processing speed</td>
<td>0-24 m/min</td>
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<tr>
<td>Spindle speed</td>
<td>12000 rpm</td>
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<tr>
<td>Spindle power</td>
<td>15 kW</td>
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<tr>
<td>Max. Tool diameter</td>
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<tr>
<td>Number of tools</td>
<td>7</td>
</tr>
<tr>
<td>Max. speed (X - Y - Z)</td>
<td>30 - 60 - 15 m/min</td>
</tr>
</tbody>
</table>
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.

**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**
**Optional Features**

**Opt.PHW**  
**Proportional Handwheel**  
Proportional and ergonomic handwheel for precise and fast reset and setup.

**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.GSP**  
**Suction Cups Support System**  
Strong suction cups technology provides safety and easy application.

<table>
<thead>
<tr>
<th>Code</th>
<th>Height</th>
<th>Diameter</th>
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</thead>
<tbody>
<tr>
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<td>VA1</td>
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<tr>
<td>VA2</td>
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<td>120</td>
</tr>
<tr>
<td>VA4</td>
<td>155</td>
<td>160</td>
</tr>
</tbody>
</table>

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

Models & Sizes

<table>
<thead>
<tr>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
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<tbody>
<tr>
<td>6800 mm</td>
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Technical Data

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<tr>
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<tbody>
<tr>
<td>Min. glass size</td>
<td>80 x 80 mm</td>
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<tr>
<td>Glass thickness</td>
<td>3 - 19 mm</td>
</tr>
<tr>
<td>Number of spindles</td>
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</tr>
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</table>
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**

<table>
<thead>
<tr>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXM</td>
<td>6800 mm</td>
<td>1000 mm</td>
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<td>2500 mm</td>
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**Technical Data**

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<tr>
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<tbody>
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<tr>
<td>Processing Speed</td>
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<td>Glass Thickness</td>
<td>3-12 mm</td>
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<tr>
<td>Number Of Spindles</td>
<td>10</td>
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<tr>
<td>Max. Bevelling Width</td>
<td>30 mm</td>
</tr>
<tr>
<td>Bevelling Degree</td>
<td>0 - 22 °</td>
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</table>
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

<table>
<thead>
<tr>
<th>L</th>
<th>W</th>
<th>H</th>
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<tbody>
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<td>2150 mm</td>
<td>2500 mm</td>
<td>1750 mm</td>
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### Technical Data

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<td>Glass Thickness</td>
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</tr>
<tr>
<td>Hole Diameter</td>
<td>Ø4 - Ø160 mm</td>
</tr>
<tr>
<td>Height</td>
<td>850 mm</td>
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</tbody>
</table>
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

<table>
<thead>
<tr>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>5900 mm</td>
<td>3500 mm</td>
<td>1850 mm</td>
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Technical Data

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<thead>
<tr>
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<th>ZMP</th>
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<tbody>
<tr>
<td>Max. Glass Size</td>
<td>1000-1500 mm</td>
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<tr>
<td>Glass Thickness</td>
<td>3-19 m/min</td>
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</tbody>
</table>
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

Please contact to your sales representative for different size requests.

Technical Data

<table>
<thead>
<tr>
<th></th>
<th>VGYM</th>
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<tbody>
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<td>Glass Thickness</td>
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<tr>
<td>Min. Glass Size</td>
<td>170x350 mm</td>
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<tr>
<td>Max. Glass Size</td>
<td>1700x3000 mm</td>
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<tr>
<td>Washing Speed</td>
<td>12 m/min</td>
</tr>
<tr>
<td>Number Of Brushes</td>
<td>6</td>
</tr>
<tr>
<td>Number Of Motors</td>
<td>6</td>
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</tbody>
</table>
Horizontal glass washing and drying machine is designed for automatic washing and drying of flat glass sheets with high efficiency and productivity.

Models & Sizes

<table>
<thead>
<tr>
<th>Models &amp; Types</th>
<th>L</th>
<th>W</th>
<th>H</th>
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<td>3000 mm</td>
<td>2650 mm</td>
</tr>
<tr>
<td>HGYM2500</td>
<td>6600 mm</td>
<td>4500 mm</td>
<td>3200 mm</td>
</tr>
<tr>
<td>HGYM2000</td>
<td>6300 mm</td>
<td>3500 mm</td>
<td>2850 mm</td>
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Technical Data

<table>
<thead>
<tr>
<th></th>
<th>HGYM1600</th>
<th>HGYM2000</th>
<th>HGYM2500</th>
</tr>
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<tbody>
<tr>
<td>Max. Glass Width</td>
<td>1600 mm</td>
<td>2000 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>Number of Brushes</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Low-E Glass</td>
<td>Applicable</td>
<td></td>
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</table>
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.
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
Remote Support
Revision
Repair
Maintenance
Field Service
Spare Parts
Training

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Maximum reliability and a long-term operational availability

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We continuously 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.
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Product Range

Glass Cutting Machines
- Electromagnetic Linear Motor Driven Automatic Glass Cutting Line
- Glass Cutting Table with Integrated Glass Loading Arms
- Automatic Glass Cutting Table
- 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

Sealing Robots & Extruders
- Servo Motor Driven Automatic Glass Sealing Robot
- Glass Sealing Extruder
- Rotary Table
- Rotary Table
- Hotmelt Extruder
Flat Glass Tempering Furnace
Flat & Bending Glass Tempering Furnaces
Convectional Glass Tempering Furnaces

Laminated Glass Production Lines

Automatic Spacer Bending Machine
Automatic Desiccant Filling Machine
Butyl Extruder

Spacer Processing & Auxiliary Machines

Glass Tempering Furnaces
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