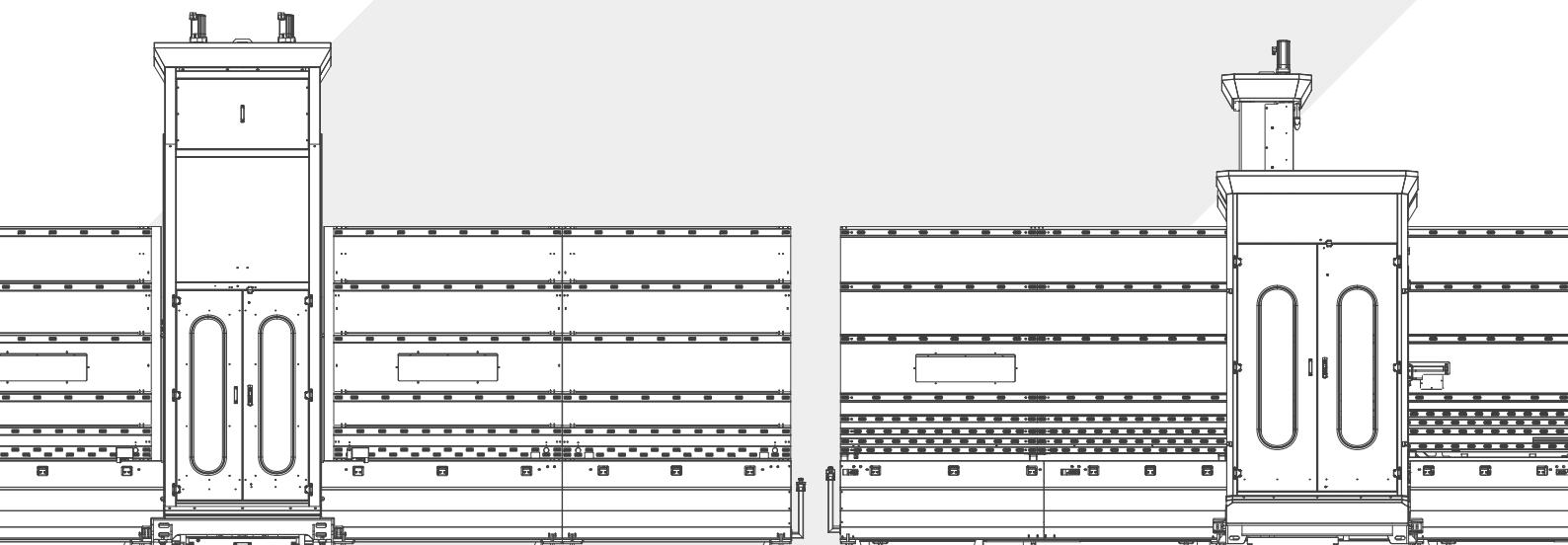




HIGH-TECH GLASS PROCESSING MACHINERY



2026

PRODUCT CATALOG

www.tesirmakine.com



2026 PRODUCT CATALOG

ALL IN ONE GLASS PROCESSING SOLUTIONS

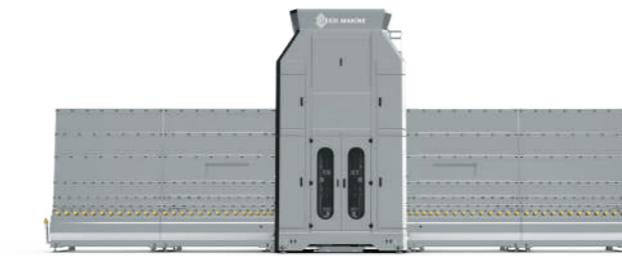
Since 2014, Tesir Makine has specialized in providing innovative solutions for edge processing and drilling across a wide range of glass types, including exterior facades, interior glass, architectural applications, commercial projects, automotive glass, and household flat glass. With an extensive network of international distributors and a strong domestic presence, we are dedicated to serving our customers as a trusted partner, offering tailored solutions through our advanced horizontal and vertical model machines. Experience the excellence of glass processing with Tesir Makine.

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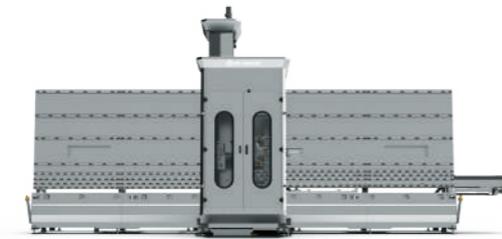
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HG MODEL
Vertical CNC Machine



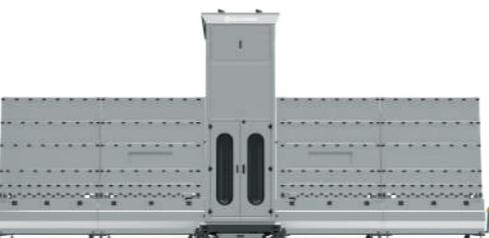
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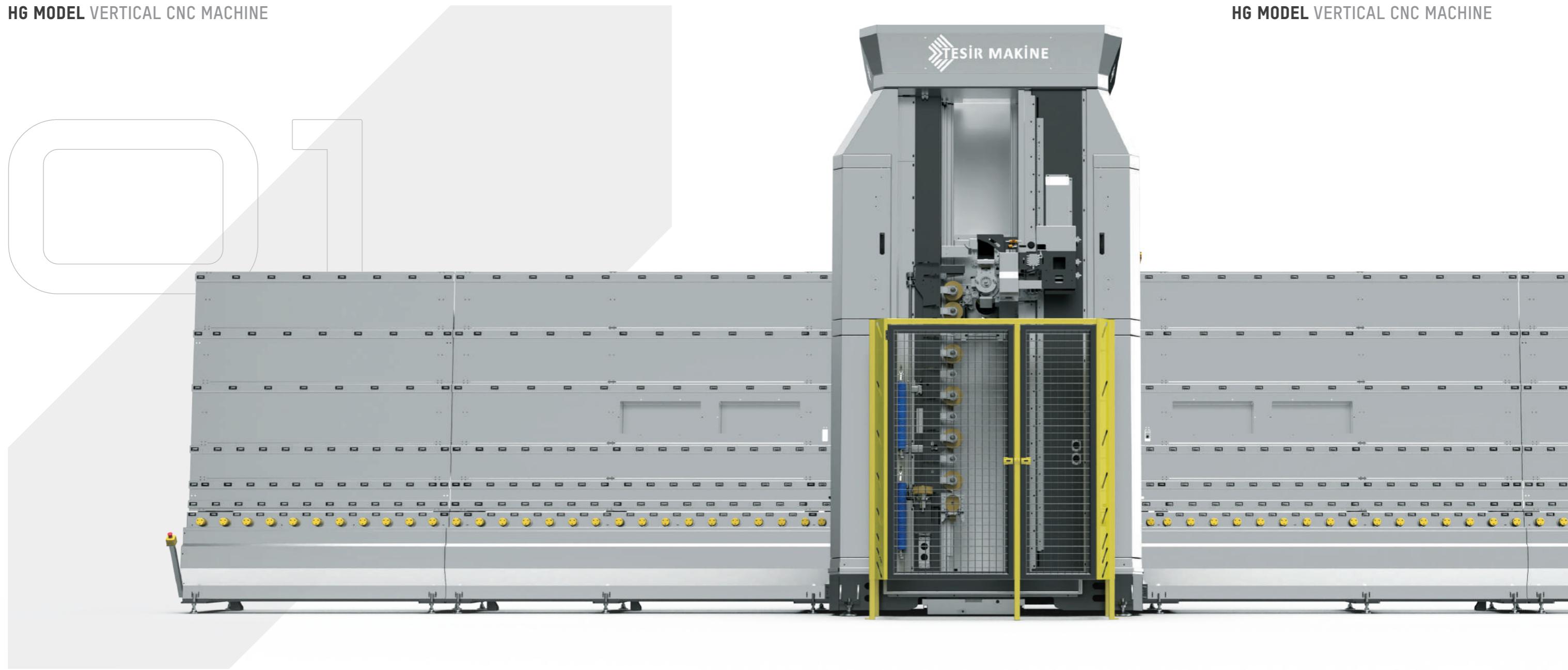


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HG MODEL

VERTICAL CNC MACHINE

The vertical HG CNC is designed for efficient, all in one glass processing, handling tasks like seaming, grinding, polishing, drilling, milling and countersinking. Supported by CAD/CAM software, it features a 10 tool magazine with an automated tool change system and a user-

friendly control interface. Ideal for both small operations and large factories, this cost-effective solution enhances production speed and versatility, making it perfect for businesses to upgrade their glass processing technology.

ADVANTAGES

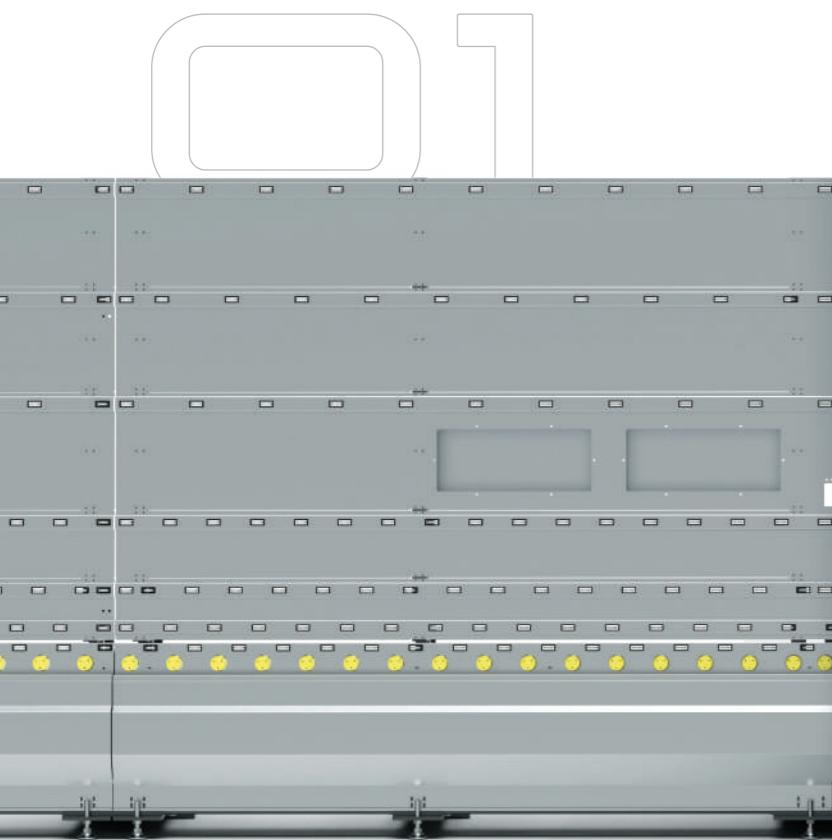
- Shaped glass processing
- Grinding, arrising, polishing, drilling
- Milling, countersinking
- Automatic thickness & size detection
- Low-E & coated glass processing

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm	Min. hole diameter	Ø3
Max. glass thickness	19 mm	Max. hole diameter	Ø75
Min. glass height	300 mm	Energy supply	58 Kw
Max. glass height	2500-2800-3300 mm	Weight	6500 kg
Min. glass length	700 mm	Spindle RPM	12000
Max. glass length	4000-6000 mm	Number of magazines	10

ALL PROCESSES IN ONE MACHINE

HG MODEL VERTICAL CNC MACHINE

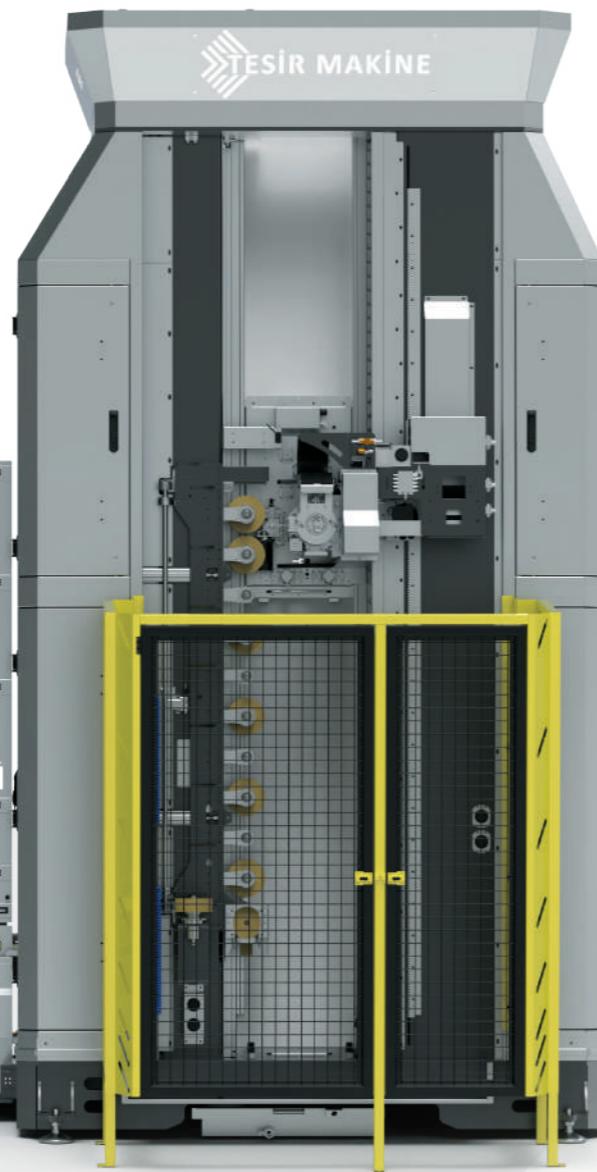
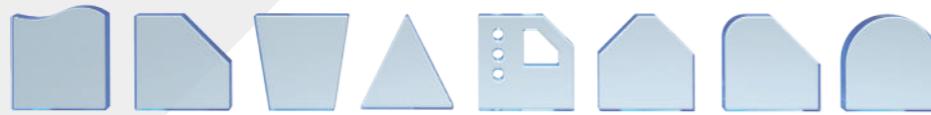


VERTICAL CNC MACHINE

ALL OPERATIONS IN ONE MACHINE

The vertical HG CNC represents a compact vertical glass processing center designed to adopt an innovative vertical processing approach. It has been intricately engineered to meet the needs of those in search of a singular machine proficient in executing tasks such as seaming, grinding, polishing, drilling, milling and countersinking. This solution proves advantageous for both stand alone and large-scale factories aiming to elevate their production technology with a modest investment, facilitating expedited and versatile article production through an all in one solution.

SHAPED GLASS PROCESSING



HG MODEL VERTICAL CNC MACHINE



10 SETS OF TOOLS

This feature enables operators to proactively change tools, thereby saving time and ensuring safety. Consequently, it enhances productivity by facilitating uninterrupted CNC operations.

CONTROL PANEL

CAD/CAM supported industrial computer control panel.



VACUUM SYSTEM

HG Modelin sahip olduğu, cam taşıma sürecini daha verimli hale getiren yenilikçi ve gelişmiş vantuzlu vakum sistemi ile yüksek stabilizasyonda cam hareketlerinin yanı sıra Low-E kaplamalı camların taşınması ve işlenmesi çok daha güvenli ve hassas şekilde gerçekleştirilebilir.

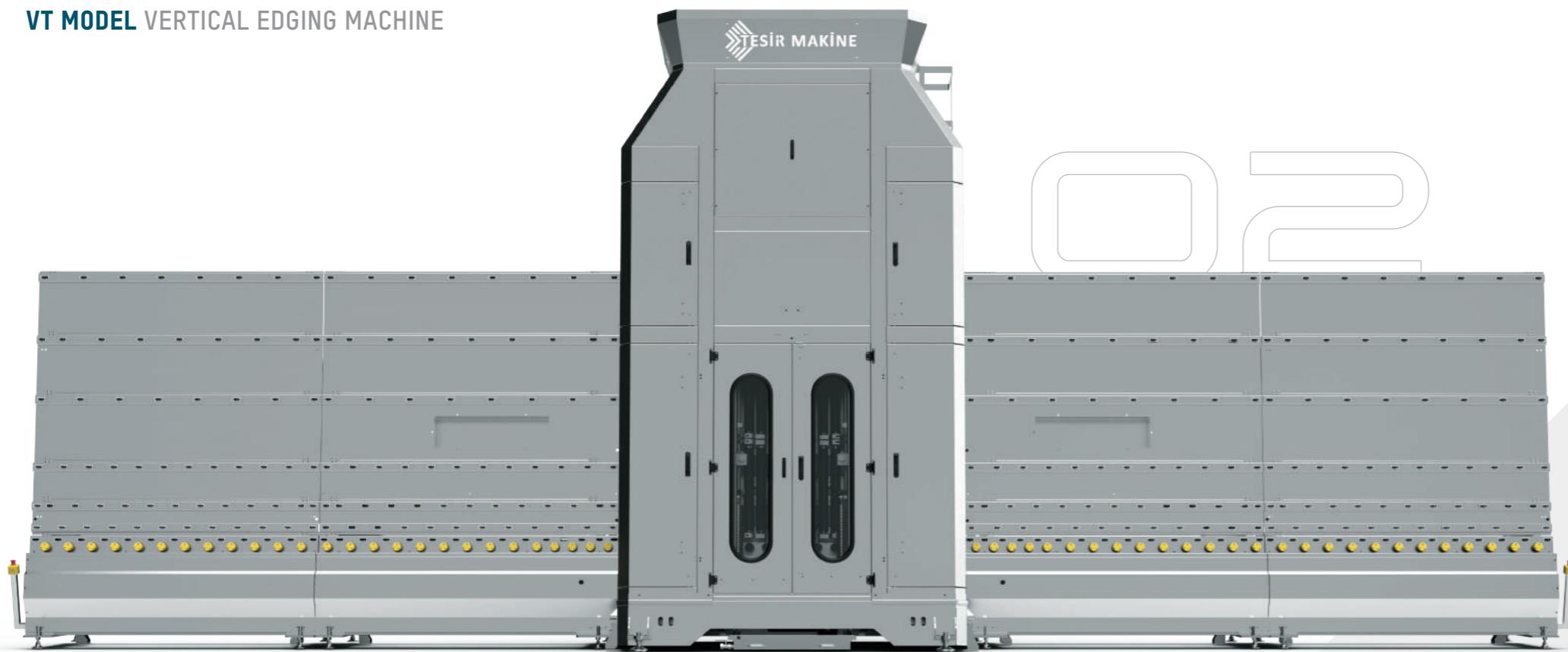
SPINDLE



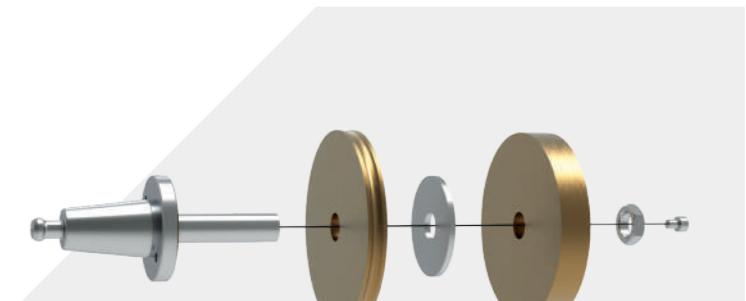
ADVANCED HITECO SPINDLE TECHNOLOGY

Our vertical CNC machine is equipped with spindles manufactured by HITECO, a prominent provider of essential products for the components market, establishing itself as a key player on the global stage within the sector. The two 18 kW spindles, equipped with ceramic bearings, are strategically positioned outside the machining area to ensure optimal protection.

VT MODEL VERTICAL EDGING MACHINE



VT MODEL VERTICAL EDGING MACHINE



TOOL CHANGING WITH HOLDER CONE

The features enables operators to proactively change tools, there by saving time and ensuring safety. Consequently, it enhances productivity by facilitating uninterrupted CNC operations.

VT MODEL VERTICAL EDGING MACHINE



Vertical VT Model is a compact vertical automatic seaming, grinding and polishing center designed for innovative vertical processing. Engineered to meet the demands of those seeking a versatile machine, it efficiently processes both flat and shaped glass for tasks like seam-

ing, grinding and polishing. This solution benefits both standalone operations and large scale factories looking to enhance their production technology with a modest investment, enabling fast and adaptable vertical production, whether used independently or integrated with IG lines.

ADVANTAGES

- Shaped glass processing
- Grinding, arrising, polishing
- Tool changing with holder
- Milling, countersinking
- Automatic thickness & size detection
- Low-E & coated glass processing

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm
Max. glass thickness	19 mm
Min. glass height	300 mm
Max. glass height	2500-2800-3300 mm
Min. glass lenght	800 mm
Max. glass lenght	4000-6000 mm

Energy supply	39 Kw
Weight	6500 kg
Spindle RPM	3500



VACUUM SYSTEM

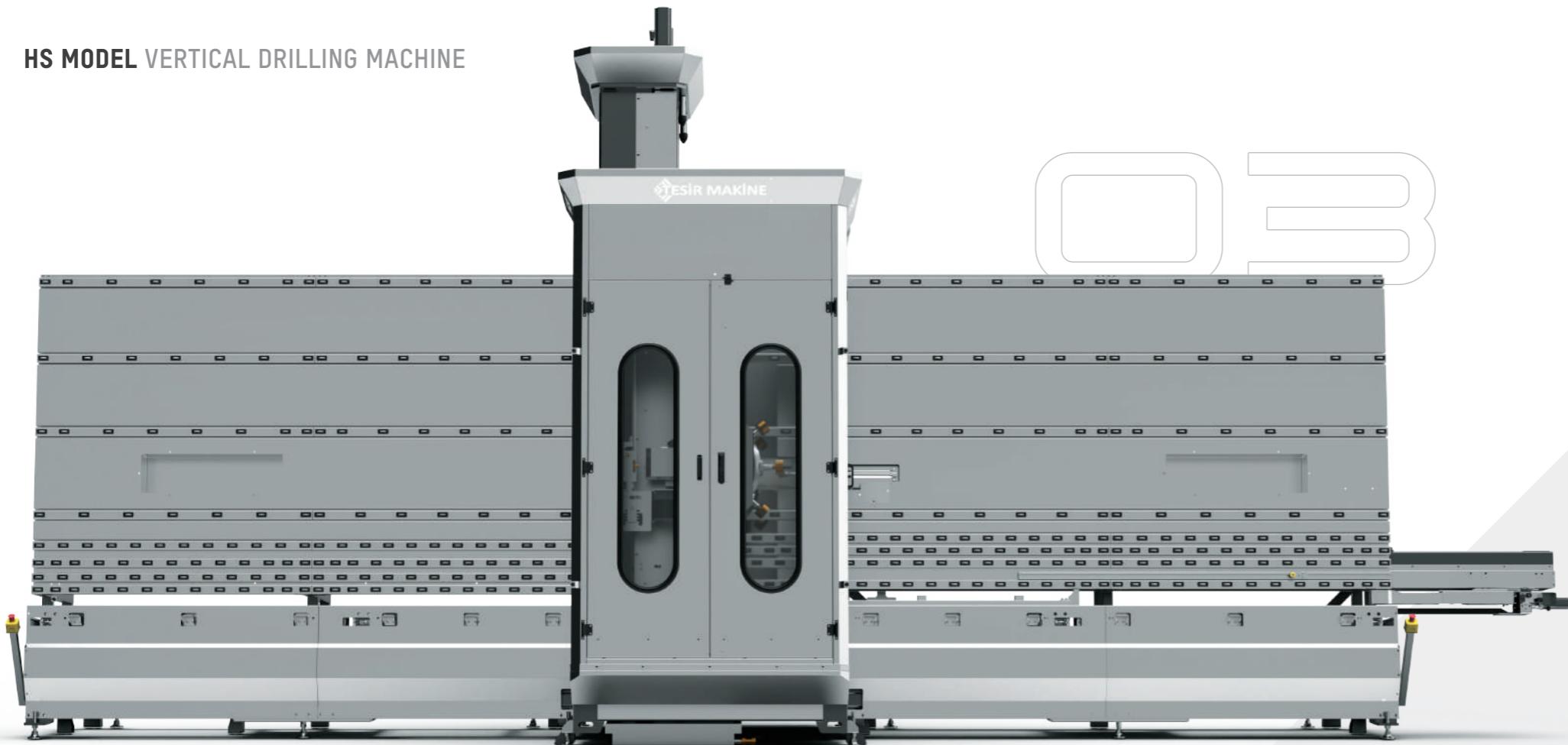
HG Modelin sahip olduğu, cam taşıma sürecini daha verimli hale getiren yenilikçi ve gelişmiş vantuzlu vakum sistemi ile yüksek stabilizasyonda cam hareketlerinin yanı sıra Low-E kaplamalı camların taşınması ve işlenmesi çok daha güvenli ve hassas şekilde gerçekleştirilebilir.



CONTROL PANEL

CAD/CAM supported industrial computer control panel.

HS MODEL VERTICAL DRILLING MACHINE



HS MODEL VERTICAL DRILLING MACHINE



DOUBLE SIDED DRILLING BY 6 SLOTS

By integrating drill bits of various sizes. It enables the drilling of six different hole sizes without the need to change the drill bits.

HS MODEL

VERTICAL DRILLING MACHINE



HS Model vertical drilling machine is a perfect solution partner, featuring a clamping mode, 6 rotating drilling heads, a stainless steel structure and a Schneider automation system. In high volume production, this model offers substantial advantages in terms of speed and precision while keeping processing costs

exceptionally low with just one operator. Ideal for both flat and shaped glass, particularly in the automotive glass sector, this model excels in its durability and low maintenance, with minimal spare parts costs thanks to its robust construction and corrosion resistant mechanical design.

ADVANTAGES

- Shaped glass drilling
- 6 Magazine in different sizes
- Clamp mode
- Torque control panel
- Automatic lubrication

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm
Max. glass thickness	19 mm
Min. glass height	220 mm
Max. glass height	2500-2800-3300 mm
Min. glass length	600 mm
Max. glass length	4000 mm

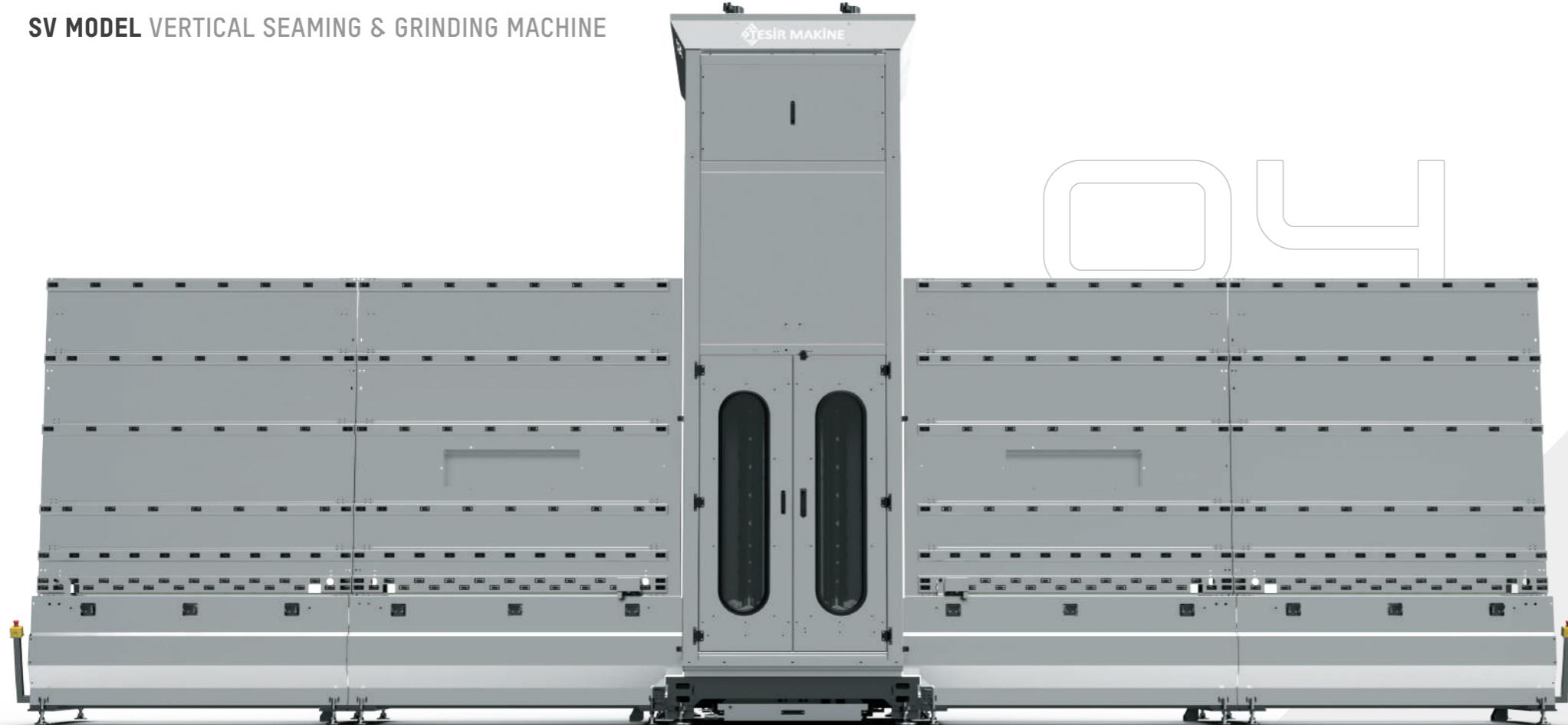
Min. hole diameter	Ø3
Max. hole diameter	Ø80
Energy supply	16 Kw
Weight	5000 kg



CLAMP MODE

The clamp mode ensures optimal precision in boring hole dimensions, particularly for small sized glasses. When the clamp mode is activated, as soon as the glass reaches a position where the clamp tool can securely hold it, the clamp mode feature automatically activates and moves the glass toward the cabin.

SV MODEL VERTICAL SEAMING & GRINDING MACHINE



SV MODEL

VERTICAL SEAMING & GRINDING MACHINE



The SV Model vertical seaming & grinding machine features double-head operation for superior seaming, grinding and optional polishing capabilities. It's high-speed performance makes it ideal for efficiently supporting IG lines and feeding tempering lines. The main processing unit, made

from stainless steel, minimizes vibrations thanks to its roller-supported clamp system. Equipped with servo motors and Schneider automation, the SV Model offers automatic glass measurement and automatic glass thickness detection during the seaming process.

ADVANTAGES

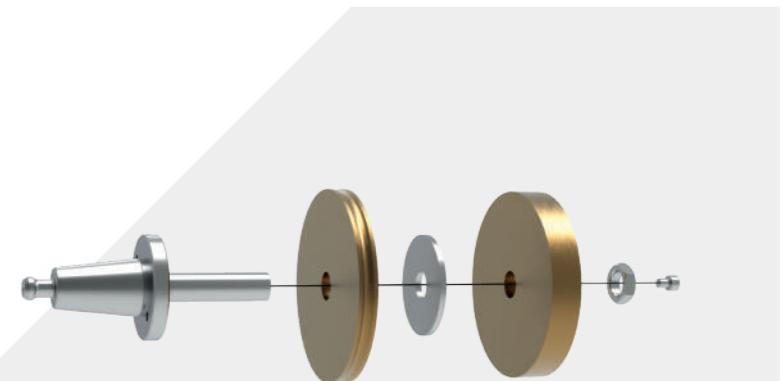
- Remote access to control panel
- Double head fast processing
- Servo-Driven technology
- Grinding, arrising, polishing
- Corner breaking, dubbing
- Automatic thickness detection
- Low-e & coated glass processing
- Complementary with IG lines

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm
Max. glass thickness	12 mm
Min. glass height	200 mm
Max. glass height	2500-2800-3300 mm
Min. glass lenght	650 mm
Max. glass lenght	4000/6000 mm

Energy supply	25 Kw
Spindle RPM	250-3800
Weight	6500 kg

SV MODEL VERTICAL SEAMING & GRINDING MACHINE

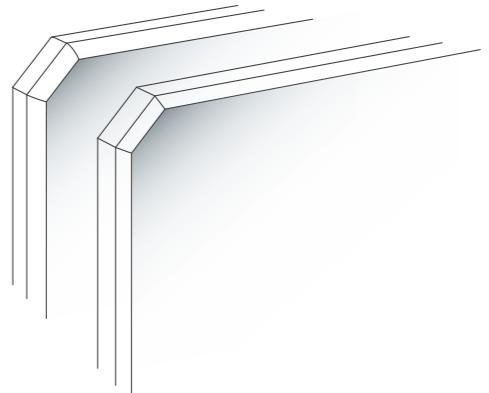


TOOL CHANGING WITH HOLDER

The features enables operators to proactively change tools, thereby saving time and ensuring safety. Consequently, it enhances productivity by facilitating uninterrupted CNC operations.

CORNER BREAKING

After glass processing on all four sides, the corners remain sharp. This feature has become very important to ensure safer handling of glasses.



DOUBLE SPINDLE

The double head system enables simultaneous processing of both the top and bottom sides, significantly reducing processing time. Furthermore, the precise positioning operations achieved through servo driven technology ensure the production of high quality results.



SK MODEL

VERTICAL WASHING MACHINE



The SK Model vertical washing machine is engineered with a precision brush structure and a robust fan system, capable of efficiently cleaning Low-E and coated glass. Its user-friendly touch-screen control panel, compact panel, compact design and powerful performance ensure swift and high-quality glass washing.

Built with durability in mind and corrosion-resistant materials, this machine boasts minimal maintenance and spare parts costs. What sets it apart is its versatility to be seamlessly integrated into a production line, working harmoniously with our SV Model vertical seaming & machine and HS Model vertical drilling machine.

ADVANTAGES

- Two units of stainless steel water tank
- Noise insulated washing cabin
- Automatically stopping brushes pumps
- Automatic brush positioning according to glass thickness
- Low-E and coated glass washing
- Automatic thickness detection

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm	Min. glass lenght	200 mm
Max. glass thickness	19 mm	Max. glass lenght	4000 mm
Min. glass height	350 mm	Energy supply	55 Kw
Max. glass height	2500-2800-3300 mm	Weight	3500 Kg



CORROSION RESISTANCE

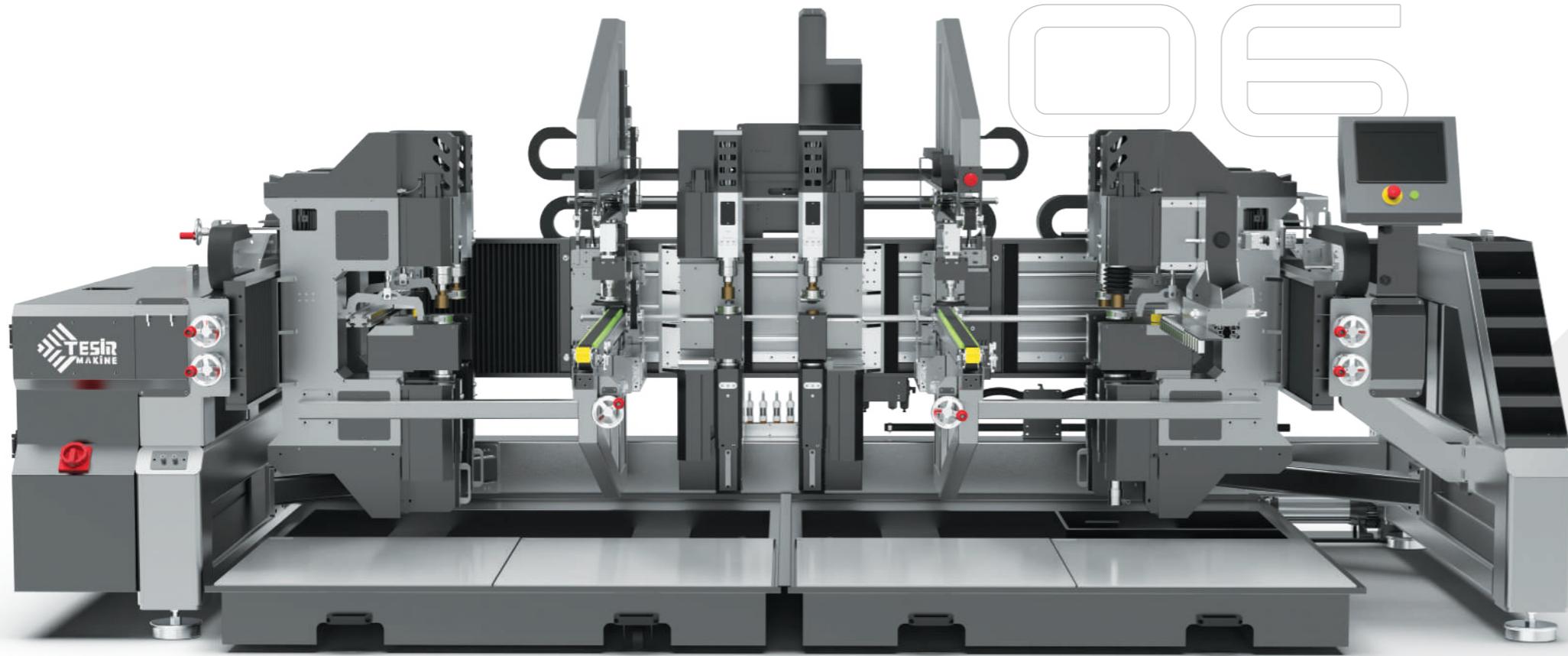
Every surface that comes into contact with water is constructed using materials resistant to corrosion. This meticulous design approach results in remarkably low maintenance and spare parts costs.



GLASS WASHING

Utilizing specially designed, high-precision brushes with a front sensitivity of 0.1 μ and a rear sensitivity of 0.1 μ , SK 500 facilitates the cleaning of coated and low-emissivity (low-e) glass surfaces with exceptional care and precision.





BD400

SHOWER GLASS DRILLING MACHINE



ADVANTAGES

- 6 servo motors for top drilling
- 6 servo motors for bottom drilling
- 2 servo motors to pick and push forward the glass
- Special for shower glasses
- PLC touch screen

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm
Max. glass thickness	12 mm
Min. glass width	120 mm
Max. glass width	1500 mm
Min. glass lenght	1250 mm
Max. glass lenght	2500 mm

Min. hole diameter	Ø4
Max. hole diameter	Ø45
Energy supply	25 Kw
Weight	4000 Kg
Spindle Nr.	6

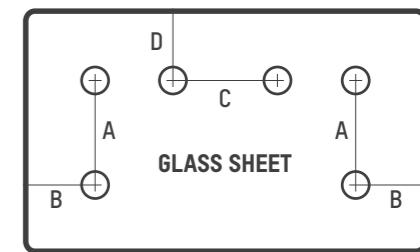
OPERATING PARAMETERS

A Min. & Max. distance between two hole centers	100 - 950 mm
B Min. & Max. distance between hole centers and edge	0 - 100 mm
C Min. distance between two hole centers	100 mm
D Min. & Max. distance between hole centers and edge	0 - 200 mm



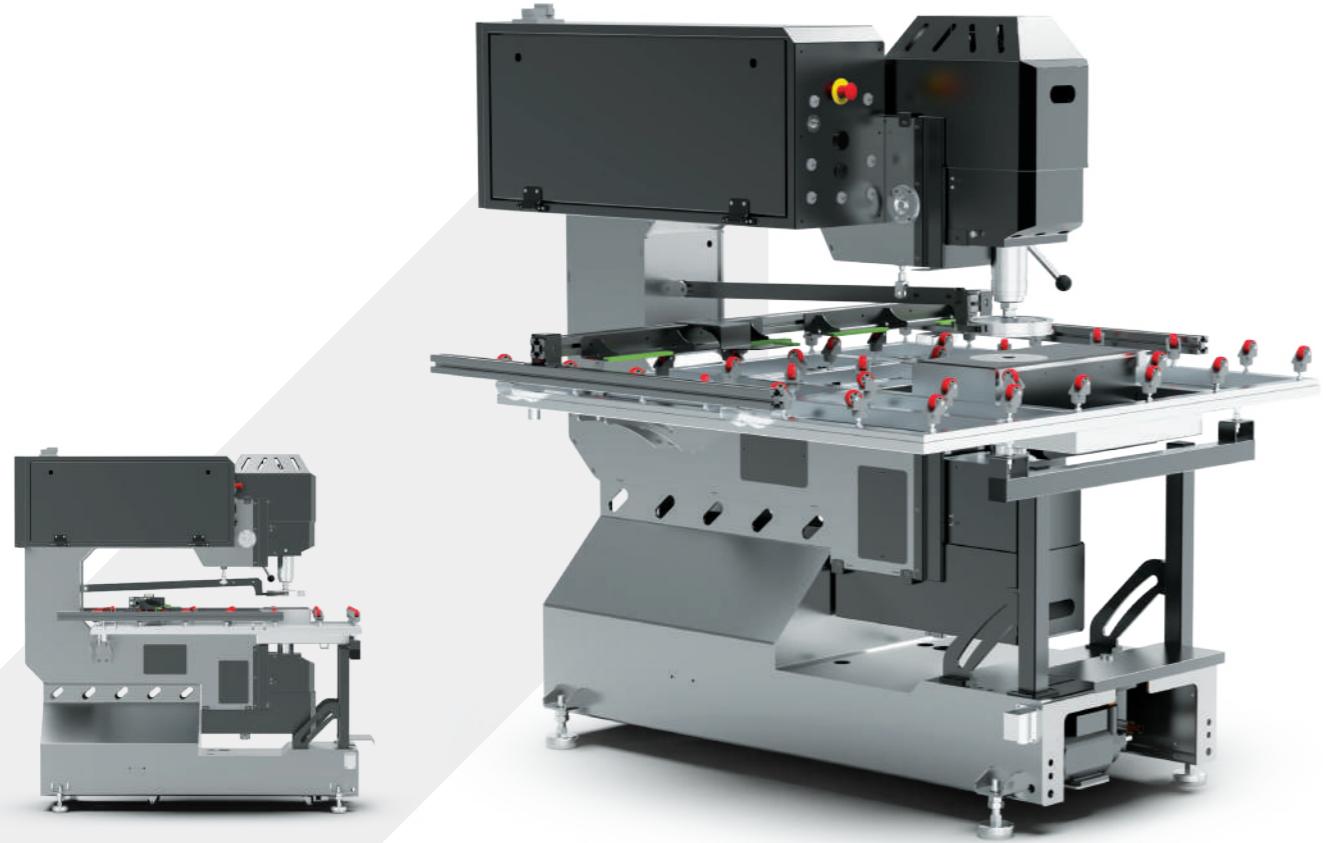
DOUBLE-SIDED DRILLING

Double-sided drilling system for faster and more precise hole drilling.



RD100 HORIZONTAL DRILLING MACHINE

07



RD100 HORIZONTAL DRILLING MACHINE

RD 100 horizontal drilling machine stands out for its exceptional ergonomic design, user friendliness and effortless loading and unloading capabilities. It is equipped

with a laser marking feature, which serves the crucial purpose of accurately defining the precise positions of holes.



ADVANTAGES

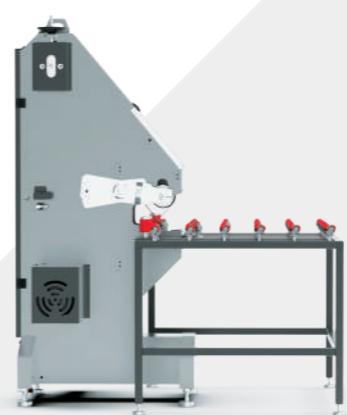
- Glass fixing backrest
- Easy to install and use
- 2 heads (top - bottom)
- Laser system
- Pumping motor for the water cycle
- Glass table

TECHNICAL SPECIFICATIONS

Min. glass thickness	3 mm
Max. glass thickness	20 mm
Min. glass height	100 mm
Max. glass height	2000 mm
Min. glass lenght	100 mm

Max. glass lenght	2000 mm
Min. hole diameter	Ø4
Max. hole diameter	Ø160
Energy supply	6 Kw
Weight	- kg

08



ST200 HORIZONTAL SEAMING MACHINE



ST200 HORIZONTAL SEAMING MACHINE

The ST 200 horizontal seaming machine is a piece of equipment designed for the double sided arrising process carried out before tempering glass. Its robust construction ensures stable and vibration free machining operations. The glass loading wheels have been specifically

engineered to offer smooth mobility while preventing any scratching or damage to the glass. The ST 200 is characterized by its user friendly and ergonomic design, making it easy and comfortable to operate.



ADVANTAGES

- Double sided seaming
- Vibration free processing
- Comfortable mobility of glass
- Fits in small spaces
- Ergonomic

TECHNICAL SPECIFICATIONS

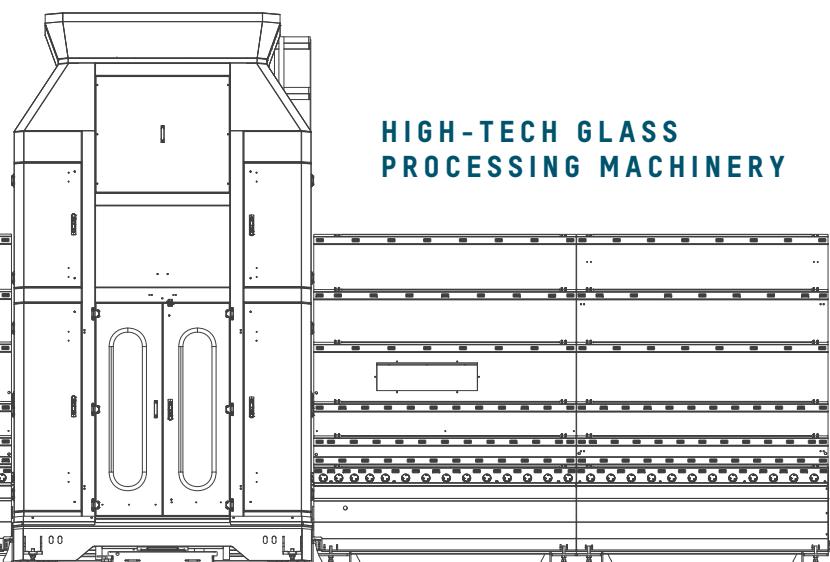
Min. glass thickness	3 mm
Max. glass thickness	20 mm
Min. glass width	50 mm
Energy supply	3.5 Kw
Max. glass width	2000 mm
Min. glass lenght	200 mm
Max. glass lenght	2000 mm
Weight	350 kg



SHOWER
INTERIOR
ARCHITECTURAL
AUTOMOTIVE

Our commitment to excellence is evident in our competitive, reliable, and innovative solutions tailored for the glass processing industry. From the outset of our journey, our mission has been to deliver globally standardized, value-added solutions by merging customer requirements with innovative thinking and rapid engineering. We take pride in our seamless integration with Industry 4.0, offering cutting-edge, time-efficient, cost-effective, user-friendly, and intelligent engineering solutions. We place great importance on pre-sales consultation and provide comprehensive after-sales technical support to our dealers and business partners, ensuring they derive maximum efficiency from our solutions. Our vision for the future is to lead the global glass processing industry through the continued growth of our technical expertise and creative engineering experience. We extend our gratitude to all our customers and prospective business partners for choosing our solutions, both now and in the future.

2026 PRODUCT CATALOG



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