



AUTOMATION OF WINDOW PRODUCTION

CATALOG 2023



WISE
SERVICE



WISE-SERVICE BUSINESS FOCUS

WISE SERVICE is a recognized leader in the field of automation of window production workshops and modernization of window production equipment. Within 10 years we have gained customers' trust in more than 12 countries of Eastern and Central Europe, particularly Ukraine, Georgia, Serbia, Moldova, Kazakhstan, Canada, and America.

The Company's mission

Our mission statement is to provide high-quality window workshop automation and equipment modernization services to ensure our customers' operations run smoothly and increase their profits, thus potentially impacting the state's economy. We strive to achieve high levels of customer satisfaction through reliability, efficiency, and innovative solutions. Thanks to our experience and expertise, we contribute to the success and sustainability of our partners, thus making it possible for us to rapidly expand and develop new market opportunities.



**Manufacturing and
implementation of equipment
for window production**



**Technical and software
support**



**Consulting and production
engineering**



**Modernization and
adjustment of window
production**

PARTNERSHIP BENEFITS



Optimization of production costs up to 52%



Solving HR issues (search for personnel, staff turnover, productivity, labor quality...)



Increase in production speed up to 45%



Automation of the production process with software support



Increase in product quality up to 25%



Reduction of reject rate by up to 30%

MANUFACTURING AND IMPLEMENTATION OF EQUIPMENT FOR WINDOW PRODUCTION

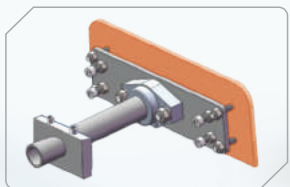
- ⚙️ Automated equipment that meets market trends.
- ⚙️ Application of advanced technologies.
- ⚙️ Leveraging the accumulated experience and skills acquired in cooperation with foreign companies.
- ⚙️ Optimal proposals with specific production needs of each customer in mind.
- ⚙️ Equipment that ensures personnel costs reduction along with the improvement of product quality.
- ⚙️ Equipment warranty service.



WSU 3000 - AUTOMATIC MEASURING STOP



POSSIBILITY OF INSTALLING
A RESISTIVE TOUCH SCREEN



ADJUSTABLE 3D STOP IN
ANY PLANES



SENSOR FOR AUTOMATIC
TRANSITION TO THE NEXT SIZE

**AUTOMATION OF MATERIAL LENGTH AND CUT-OFF
ADJUSTMENT FOR ALL EQUIPMENT**

HOW WILL YOU WORK NOW

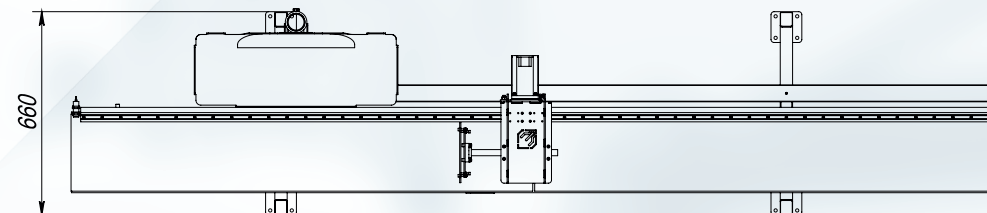
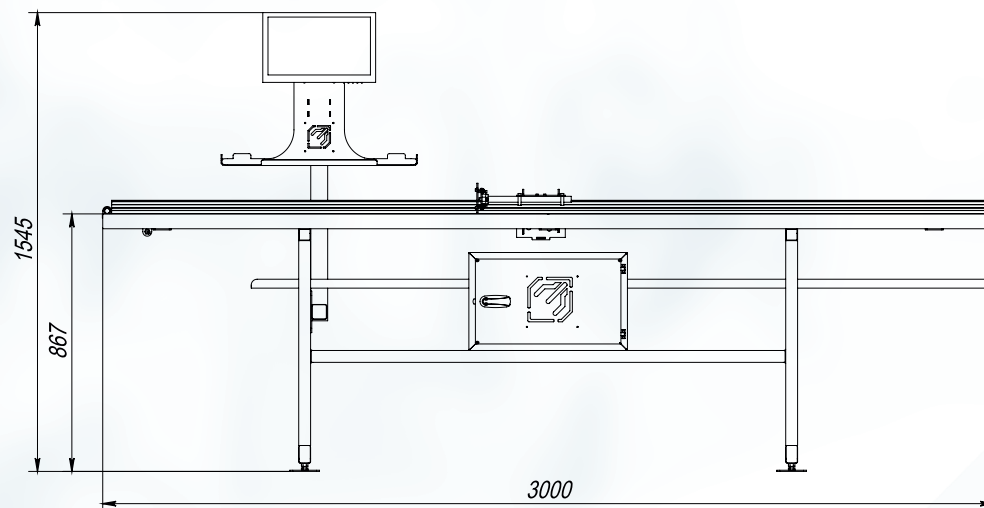
- Automatically moves to the specified size
- Availability of sensors for automatic transition to the next size
- Possibility of loading a variety of optimizations
- Availability of complete information for the operator on the monitor
- Possibility of printing a sticker after each cut

HOW YOU USED TO WORK








- Influence of the human factor on the production process
- Errors in adjusting material length and cut-offs
- Attracting highly qualified personnel
- Low speed of production process

The automatic measuring stop is an innovative device designed for automated adjustment of length and cut-off of any material on various types of saws. Integrated sensors ensure an automatic transition to the next size, thereby minimizing the likelihood of rejects and significantly increasing the operator's productivity. The use of this machine with a flat bed allows the efficient handling of materials for the production of PVC windows. The system remembers an unlimited number of optimizations and the automatic stop will make the measuring and processing more efficient and comfortable. The resulting solution is the perfect combination of innovation and convenience, delivering high-quality production.

- The production speed on the site increases by 20% due to the use of sensors for automatic transition to the next size
- Automatic length measurement and reduction of human factor influence on production
- Built-in equipment operation statistics
- Convenient and intuitive program interface
- Possibility of connecting to a local network
- High-quality equipment that does not require constant maintenance
- Possibility to order equipment of individual length
- Easy adjustment
- Technical assistance in case of necessity



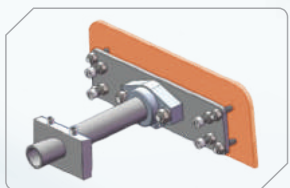
TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,545x660 mm
	Height adjustment	900-1,000 mm
	Positioning accuracy	0.1 mm
	Voltage / Max. power	220 V / 0.6 kW
	Travel speed	up to 1,000 mm/sec
	Productivity	up to 3,300 cuts per 8 hours
	Weight	117 kg

WSR 3000 - AUTOMATIC MEASURING ROLLER TABLE



POSSIBILITY OF INSTALLING
A RESISTIVE TOUCH SCREEN



ADJUSTABLE 3D STOP IN
ANY PLANES



SENSOR FOR AUTOMATIC
TRANSITION TO THE NEXT SIZE

**AUTOMATION OF MATERIAL LENGTH AND CUT-OFF
ADJUSTMENT FOR ALL EQUIPMENT**

HOW WILL YOU WORK NOW

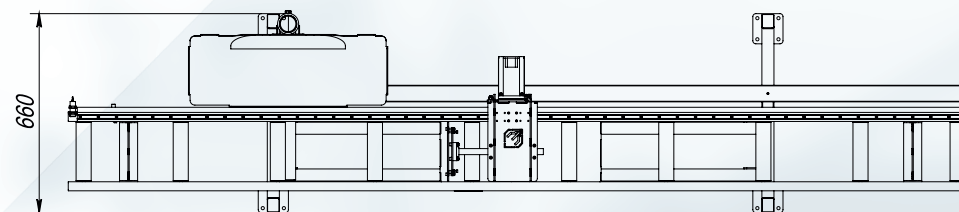
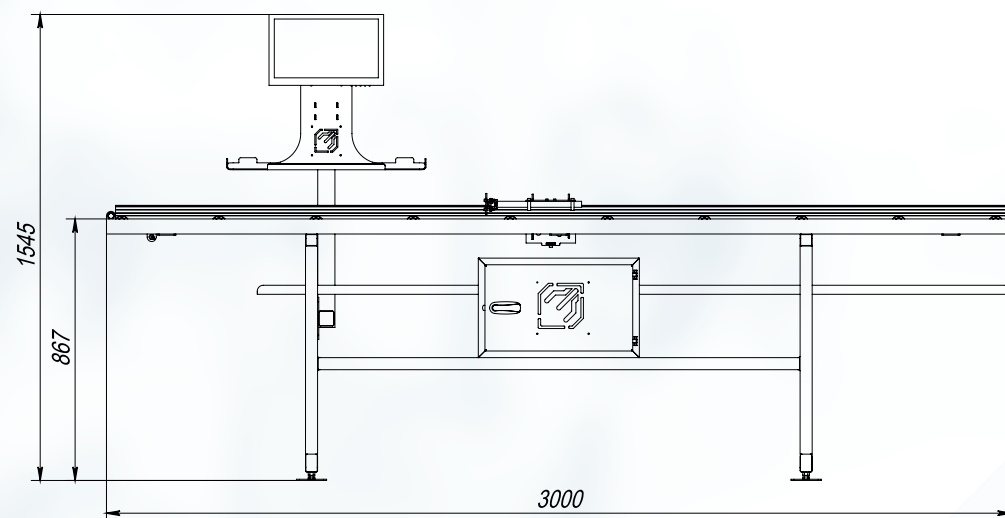
- Automatically moves to the specified size
- Availability of sensors for automatic transition to the next size
- Possibility of loading a variety of optimizations
- Availability of complete information for the operator on the monitor
- Possibility of printing a sticker after each cut

HOW YOU USED TO WORK





- Influence of the human factor on the production process
- Errors in adjusting the length and cut-offs
- Attracting highly qualified personnel
- Low speed of production process

The automatic measuring roller table is an innovative device designed for automated adjustment of length and cut-off of any material on various types of saws. Integrated sensors ensure an automatic transition to the next size, thereby minimizing the likelihood of rejects and significantly increasing the operator's productivity. The use of this machine with a roller bed allows the efficient handling of materials for the production of PVC windows. The system remembers an unlimited number of optimizations and the automatic roller table will make the measuring and processing more efficient and comfortable. The resulting solution is the perfect combination of innovation and convenience, delivering high-quality production.

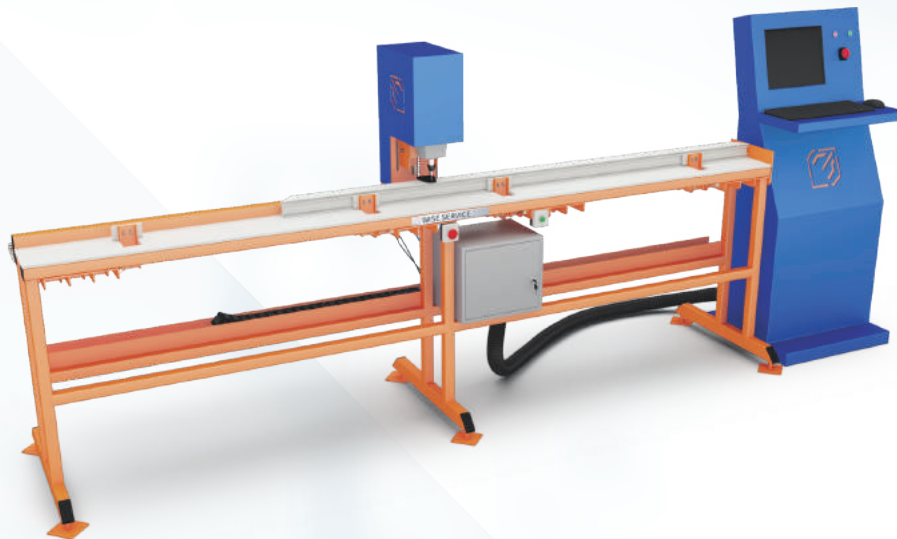
- Sensors for automatic transition to the next size
- Convenient and intuitive software for system management in Russian and English
- The system memory is designed for an unlimited number of shift tasks
- Possibility of importing different types of files from accounting programs
- Connectivity to the local network
- Built-in equipment operation statistics
- Possibility of working with the size chart



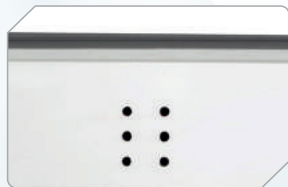
TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,545x660 mm
	Height adjustment	900-1,000 mm
	Positioning accuracy	0.1 mm
	Voltage / Max. power	220 V/0.6 kW
	Travel speed	up to 1,000 mm/sec
	Productivity	up to 3,300 cuts per 8 hours
	Weight	117 kg

WS 503 - CENTER FOR DRILLING HOLES FOR DOOR HINGES IN FRAME AND LEAF WITH METAL



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER



COMPATIBLE WITH ALL TYPES
OF LEAF HINGES



COMPATIBLE WITH ALL TYPES
OF FRAME HINGES

THE EQUIPMENT IS DESIGNED FOR DRILLING HOLES FOR HINGES
ALONG WITH REINFORCEMENT IN DOOR FRAMES AND LEAVES OF
VARIOUS SIZES, TYPES, AND SERIES OF PROFILES

HOW WILL YOU WORK NOW

- The operator puts only the workpiece (~5 kg) into the machine
- The speed of the production process increases by 3 times
- Coordinate marking is performed automatically
- Drilling is performed automatically
- High output of the production process
- The required area for production at this site is reduced by 3 times









HOW YOU USED TO WORK

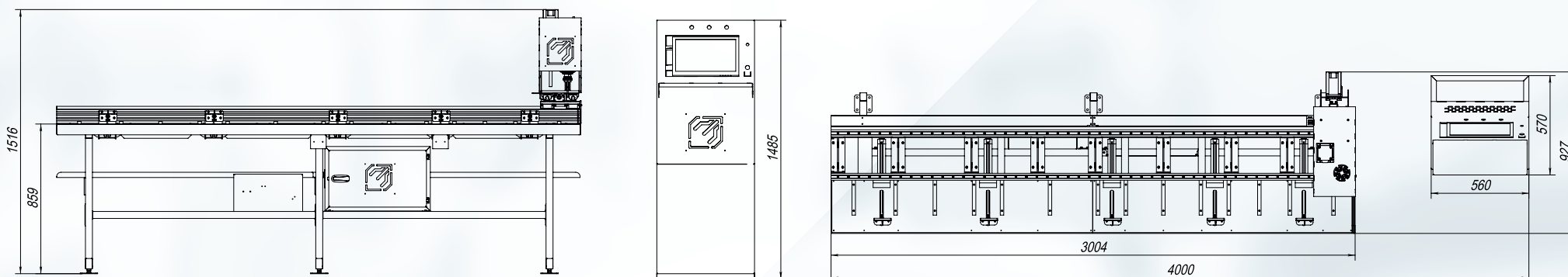
- The operator manually places a heavy frame (30 kg) on the table
- Low speed of production process
- Coordinate marking is performed manually by the operator. High probability of rejects
- Drilling is performed using templates
- Low output of the production process
- Bulky design for contour work

Hinge drilling station is designed specifically for drilling holes in door frames and leaves of various sizes, types, and profile series. This innovative equipment saves the operator from the need to use tape measures and templates, providing an automated drilling process. The CNC control system guarantees high accuracy and quality of drilling holes, eliminating possible rejects and ensuring perfect compliance with standards. Efficiency, reliability, and ease of use make this machine an ideal choice for the production of entrances.

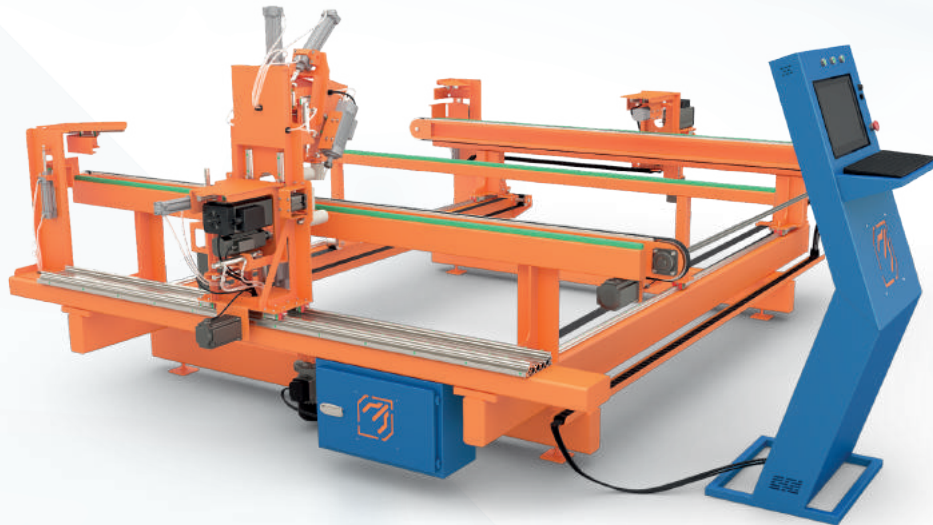
- High speed and productivity of the working process
- Accuracy of measuring and drilling holes
- Minimizing the influence of the human factor on the production process
- The cost is 30% lower compared to the European "analogs"
- High-quality and affordable service

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	4,000x1,520x930 mm
	Number of axes	3 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/2.5 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 480 parts per 8 hours
	Weight	350 kg



WS 550 - FRAME PROCESSING CENTER AFTER WELDING



HOW WILL YOU WORK NOW

- Drainage holes in the frame are made while it is being chilled
- The frame chilling process after welding is optimized
- Reducing the required amount of labor force

HOW YOU USED TO WORK

- Drainage holes in the frame are made separately
- The process of chilling the frame after the welding takes additional time in the production cycle
- Attracting additional labor force



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER



EXIT TO FIT THE
PROFILE HEIGHT

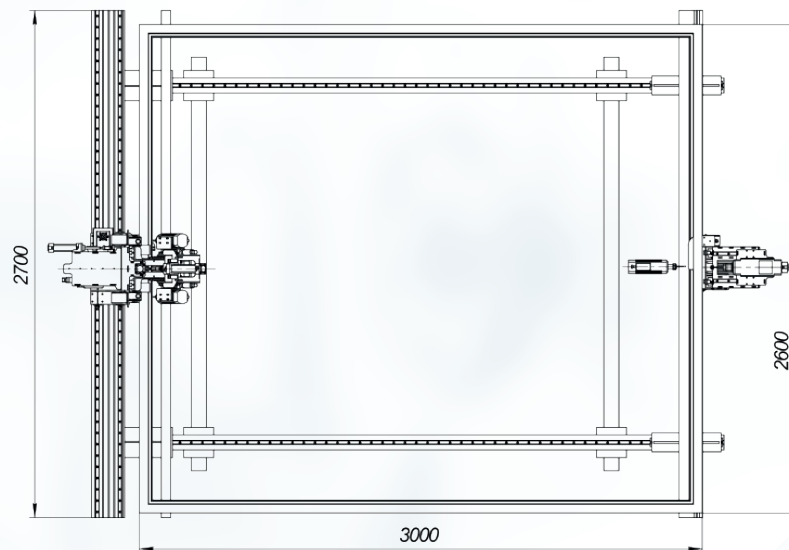


SIMULTANEOUS PERFORMANCE
OF 3 OPERATIONS

**THE EQUIPMENT IS DESIGNED FOR DRILLING HOLES TO
FIT THE IMPOST, COMPRESSION, AND DRAINAGE
HOLES**

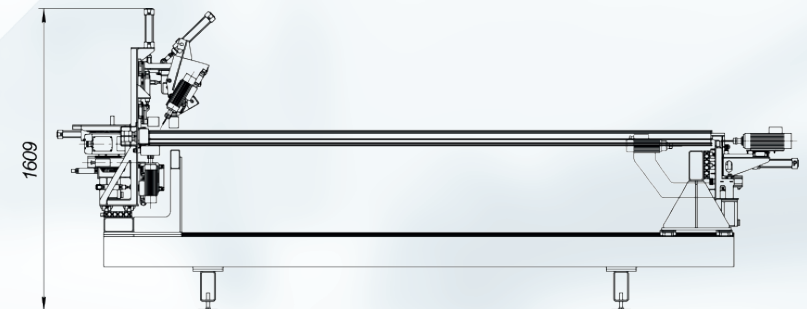
The frame processing center after welding represents a key piece of equipment dedicated to optimizing the chilling process of frames after the welding. The main task of this device is to automatically make all the necessary drainage holes in the frame during the chilling process. This innovative equipment provides efficient control of the chilling process, thus enabling the automatic production of drainage and compression holes, as well as drilling to fit the impost. This comprehensive approach to frame processing ensures that chilling times are optimized, thereby increasing overall output and production efficiency. Thanks to this automation, working time is used more efficiently, which leads to faster production processes and further optimization of work distribution.

- Production acceleration due to simultaneous chilling and drainage processes
- Minimizing operator involvement in the production process
- Convenient and intuitive software interface
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,610x2,700 mm
	Number of axes	4 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/2.5 kW
	Travel speed	up to 400 mm/s
	Pressure	6 atm
	Productivity	up to 220 contours per 8 hours
	Weight	940 kg



WS 710 - CENTER FOR AUTOMATIC MILLING OF ALUMINUM PROFILES



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER



MILLING RESULTS
TO FIT THE HANDLE



3-PLANE PROFILE
MILLING



MILLING RESULTS
TO FIT THE LOCK

HOW WILL YOU WORK NOW

- Aluminum retains its reinforcing properties
- The entire process is carried out in a single operation
- Space saving in production
- High operator energy efficiency
- Low percentage of rejects
- Machine processing speed of 3 min 20 sec

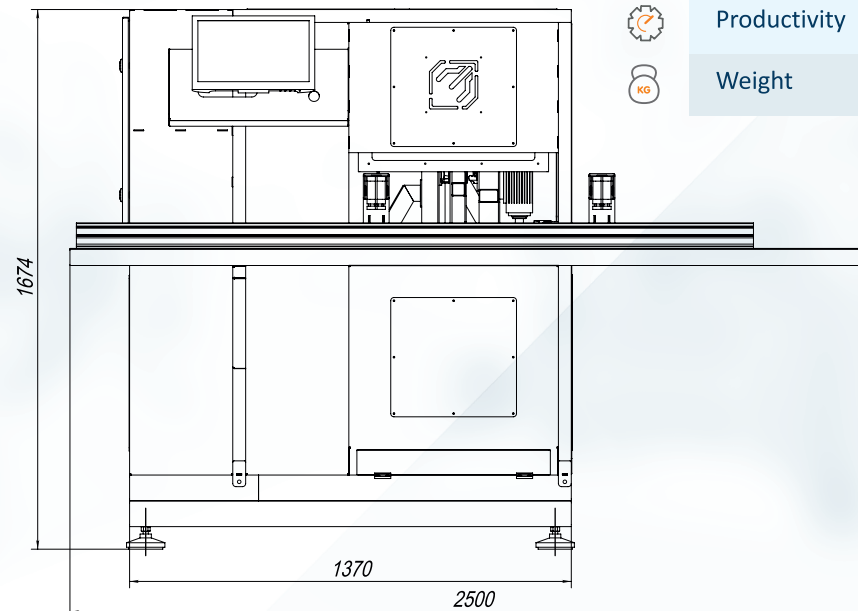
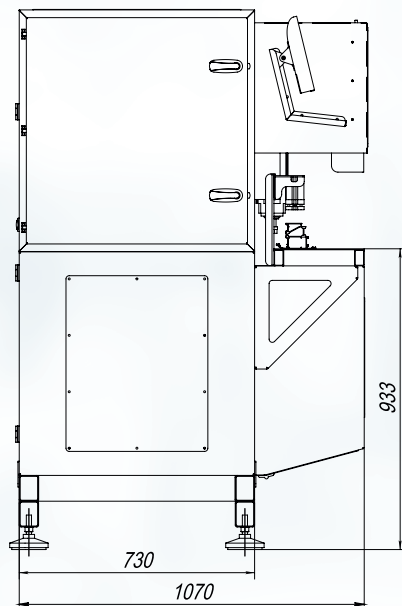
HOW YOU USED TO WORK

- Hole cutting is performed manually
- Milling is performed separately
- Need to attract additional labor force
- Low operator energy efficiency
- High percentage of rejects
- Manual processing speed of 40 minutes









**AUTOMATIC MILLING FOR HANDLES, LOCKS, AND
DRILLING FOR HINGES IN ALUMINUM IN 3 MINUTES**

The automatic milling center for aluminum profiles is an advanced equipment that eliminates the need for processing centers and manual labor. Considering the complexity of processing aluminum compared to metal, automation of this process can significantly reduce the rejection rate and speed up the milling process by 5-7 times. The use of high-precision technologies ensures high quality of products. The automated process ensures high milling accuracy and significantly increases work efficiency at this stage of production.

- High productivity of the working process
- The production speed of all process holes hits the production cycle of the product
- High-precision hole milling
- Unlimited number of customizable templates to fit the lock
- Work optimization in this production site
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	2,500x1,765x1,070 mm
	Number of axes	4 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/2.5 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 300 parts per 8 hours
	Weight	470 kg

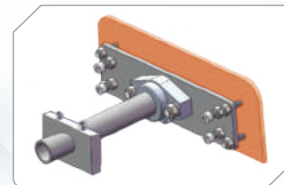
WS 301 - AUTOMATIC POSITIONER FOR THE INSTALLATION OF STRIKING PLATES



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER



LASER MARKING OF THE
PLACE FOR THE INSTALLATION
OF THE STRIKING PLATE



ADJUSTABLE 3D STOP IN
ANY PLANES

**SPEEDING UP THE INSTALLATION OF STRIKING
PLATES BY 3 TIMES**

HOW WILL YOU WORK NOW

- Automation of the process of installing striking plates with minimal operator participation
- The hardware memory capacity contains many templates for various systems
- High speed of production process
- Opportunity to attract low-skilled personnel









HOW YOU USED TO WORK

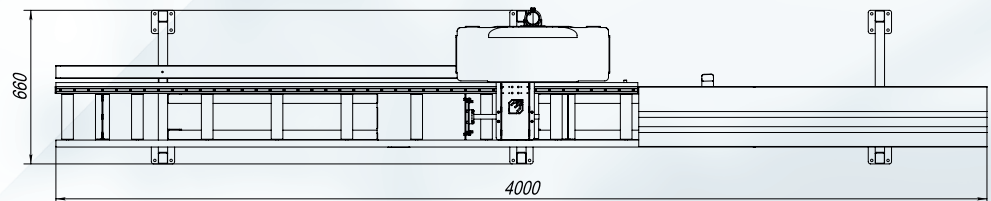
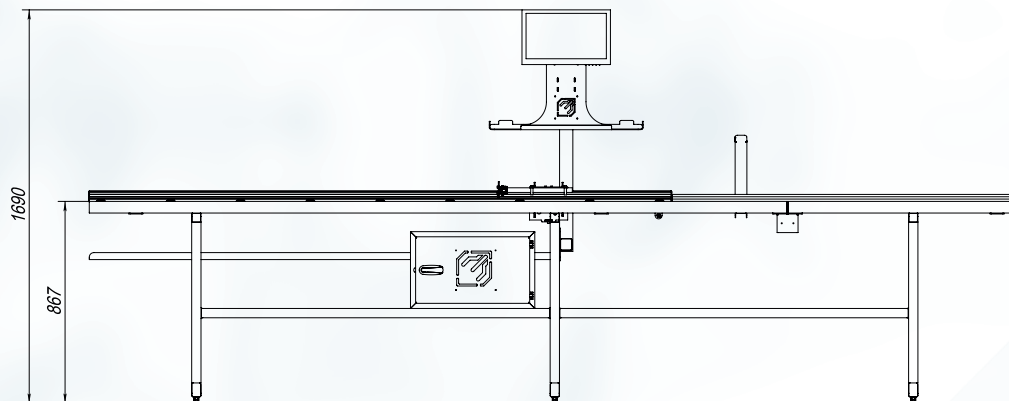
- Influence of the human factor on the production process
- Using countless templates for different systems
- Low speed of production process
- Attracting highly qualified personnel

The machine for automatic installation of striking plates is a highly efficient equipment designed for the automated installation of fittings, such as striking plates, onto the frame and impost before welding. To put the CNC into operation, all you have to do is scan the workpiece and the carriage automatically moves to the desired coordinates. After scanning, the screen displays the part article, names, and coordinates for installing the striking plates. Moreover, the desired cell with fittings is highlighted for the operator's convenience. Automatic installation of taps using this equipment not only optimizes working processes but significantly increases the speed of assembly at this stage.

- High output and speed of the production process
- Minimizing operator involvement in the production process
- Lack of templates for fittings
- Cycle time for machining one workpiece is reduced to 7 seconds
- High-quality production process
- Reducing the number of rejects due to automation of manual labor
- Convenient and intuitive software interface
- High-quality and affordable service

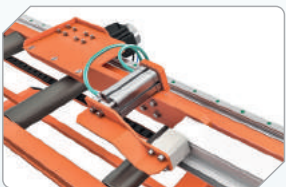
TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	5,000x1,690x660 mm
	Number of axes	1 pc.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	220 V/1.0 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 2,400 parts per 8 hours
	Weight	180 kg





WSR 7001 - AUTOMATIC FEEDING ROLLER WITH EJECTION DEVICE



UNIVERSAL GRIP

USE OF THE SAWING CENTER ENABLES TO SAW 1,800
WORKPIECES PER SHIFT

HOW WILL YOU WORK NOW

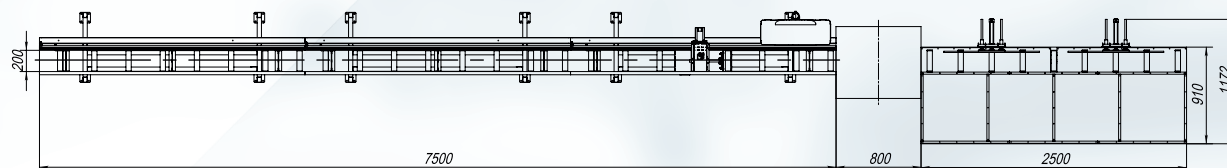
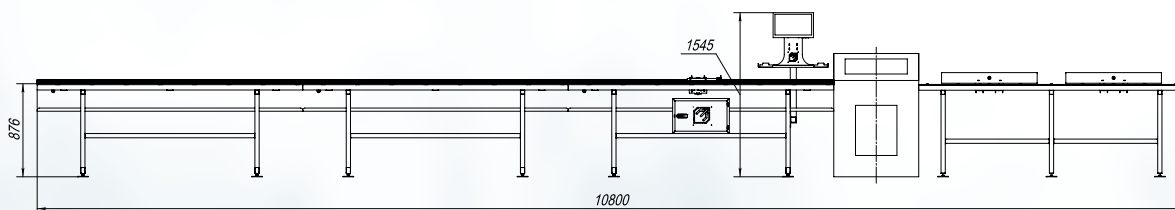
- High speed of equipment operation
- PVC sawing is performed automatically
- Low percentage of rejects
- Minimal impact of human factor on the output of this production site

HOW YOU USED TO WORK









- Low operator work speed
- PVC sawing is performed manually
- High percentage of rejects
- Influence of human factor on the output of a given production site

The automatic feeding roller table was designed by Wise Service engineers for sawing PVC profiles in a simple and controlled automatic mode. The profile feeding system is carried out using a CNC-controlled clamp, ensuring a precise and smooth process. The driving is carried out by a powerful servo motor, guaranteeing optimal speed and reliability in operation. The linear travel of the clamp is carried out through a rack and pinion, ensuring maximum dimensional accuracy when sawing. Furthermore, the equipment is fitted with an automatic workpiece ejection device, ensuring high productivity of the sawing process.

- Automatic feeding, transition, positioning, cutting, and transfer
- CNC control system
- Can be integrated with any single-head saw with a bottom feed
- Pneumatic holder, which ensures precise positioning of the profile
- Increasing sawing speed up to 1,700 units per 8 shift hours
- Simplifying the work of employees, the ability to perform other operations in parallel
- High cutting precision
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	10,800x1,545x1,175 mm
	Number of axes	1 pc.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/1.5 kW
	Travel speed	up to 900 mm/s
	Pressure	6 atm
	Productivity	up to 1,700 cuts per 8 hours
	Weight	310 kg

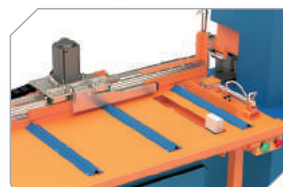
WS 7050 - AUTOMATIC GUILLOTINE FOR METAL CHOPPING



STANDARD COMPUTER WITH THE
POSSIBILITY OF UPLOADING
OPTIMIZATIONS OVER THE NETWORK



AUTOMATIC GUILLOTINE FOR
CHOPPING METAL PROFILES
UP TO 2.5 MM THICK



FEED BUFFER FOR
15 PROFILES

HOW WILL YOU WORK NOW

- Automatic cutting - the processing time is reduced by 2 times
- The equipment replaces the functionality of one person
- Low number of errors
- High output of the production process
- Safe and "clean" production process

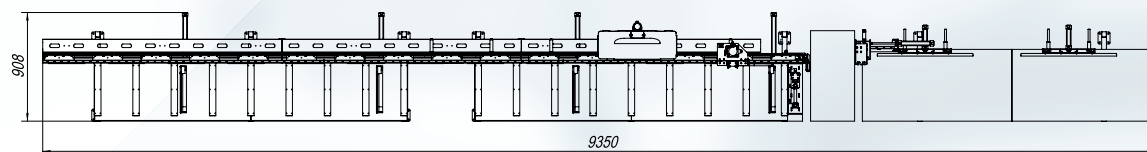
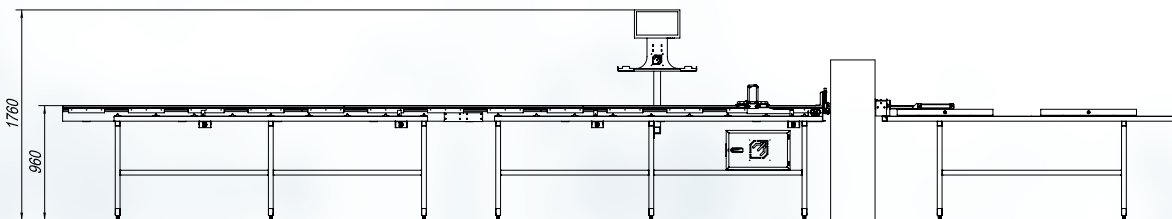
HOW YOU USED TO WORK

- Cuts with a saw or band saw
- The process involves one person
- A large number of errors when cutting
- Low productivity, depending on many factors
- The process is accompanied by sparks, chips, and the effects of cutting fluid









AUTOMATED METAL CHOPPING IN SECONDS

The automatic metal chopping guillotine provides a solution that enables efficient reinforcement of workpieces along with cutting. It features automatic cut placement recognition, which simplifies and speeds up the working process. This station transforms manufacturing operations, moving from a "dirty production step" to a "clean" and convenient process. Effective use of this equipment significantly reduces rejection rate and optimizes production time for end products, ensuring higher quality and efficiency in production processes.

- Automatic cutting - the process time is reduced by 2 times
- CNC control system
- Electronic feed, which ensures precise metal positioning
- Low percentage of rejects
- Feed buffer for 15 workpieces up to 7 meters long
- Chopping cycle - 7 seconds
- Ability to work on assignments from third-party programs
- Cutting speed increases up to 1,900 units per 8 shift hours
- The automation of the process allows the operator's time to be saved for related operations (e.g. reinforcing)



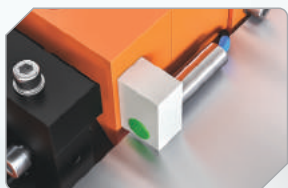
TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	9,350x1,760x910 mm
	Height adjustment	900-1,000 mm
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/5 kW
	Travel speed	up to 800 mm/sec
	Pressure	6 atm
	Productivity	up to 1,900 parts per 8 hours
	Weight	1,060 kg

WS G1 - AUTOMATIC SINGLE-HEAD GUILLOTINE



POSSIBILITY OF INSTALLING
A RESISTIVE TOUCH SCREEN



SENSOR ALLOWING TO
AUTOMATE THE MATERIAL
CUTTING PROCESS



POLYPROPYLENE SURFACE, WHICH
MAKES IT EASY TO HANDLE THE
WORKPIECE

**IT ALLOWS YOU TO CHOP FITTINGS BY OPTIMIZATION
BEFOREHAND PER BATCH OF WINDOWS**

HOW WILL YOU WORK NOW

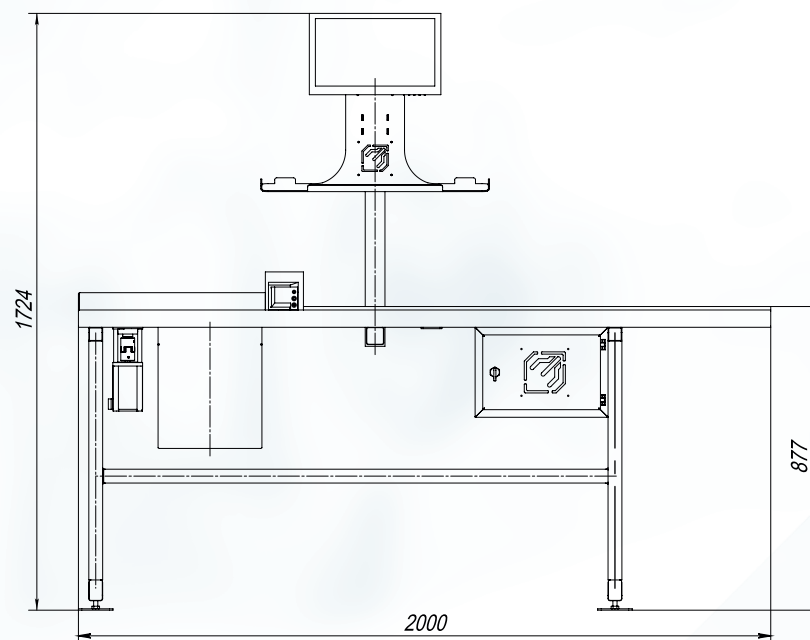
- Fittings are chopped automatically following a preset program
- Automatic distribution of ready-made items among trolleys and cells
- Automatic assembly of finished fittings at the assembly site

HOW YOU USED TO WORK





- Storage of a full range of fitting elements at the assembly site
- Manual setting of sizes and positions
- Cutting is carried out manually or using a pneumatic guillotine
- Fittings are chopped manually by the operator

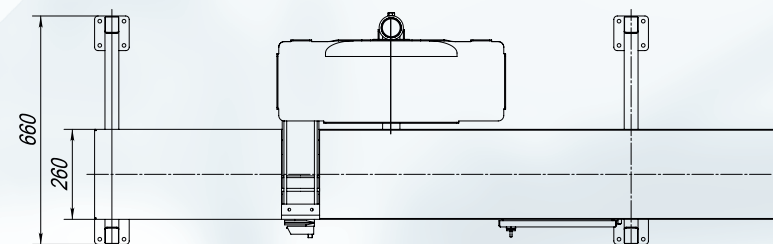
The single-head guillotine for chopping fittings is a high-precision equipment specially designed for automatic chopping of fittings according to specified parameters. This highly efficient machine provides accurate and swift chopping of the shear and base stopper, preparing them for installation beforehand. The fitting chopping damper optimizes the process and increases productivity, while the automated control system guarantees optimal use of workplaces, contributing to an increase in overall production efficiency.

- High speed and output of the work process at this production site
- Accuracy of marking and automatic chopping of fittings
- Increase in usable production area
- Built-in equipment operation statistics
- Easy adjustment
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	2,000x1,720x660 mm
	Number of axes	1 pc.
	Positioning accuracy	0.2 mm
	Voltage / Max. power	220 V/1.0 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 2,400 parts per 8 hours
	Weight	150 kg



WS G3 - AUTOMATIC DOUBLE-HEAD GUILLOTINE



POSSIBILITY OF INSTALLING
A RESISTIVE TOUCH SCREEN



RAILS FOR EASY AND FAST MATERIAL
PLACEMENT AND PROTECTION THAT
PREVENTS MATERIALS FROM
SHATTERING



SENSOR THAT ALLOWS
PROCESS AUTOMATION



TWO TYPES OF PINS FOR
WORKING WITH SHEAR AND
MIDDLE STOPPER

**IT ALLOWS YOU TO CHOP FITTINGS BY OPTIMIZATIONS
BEFOREHAND PER BATCH OF WINDOWS**

HOW WILL YOU WORK NOW

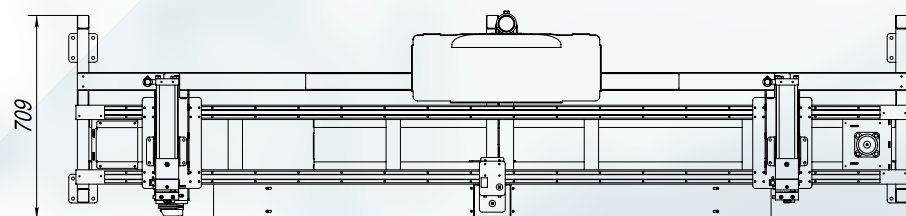
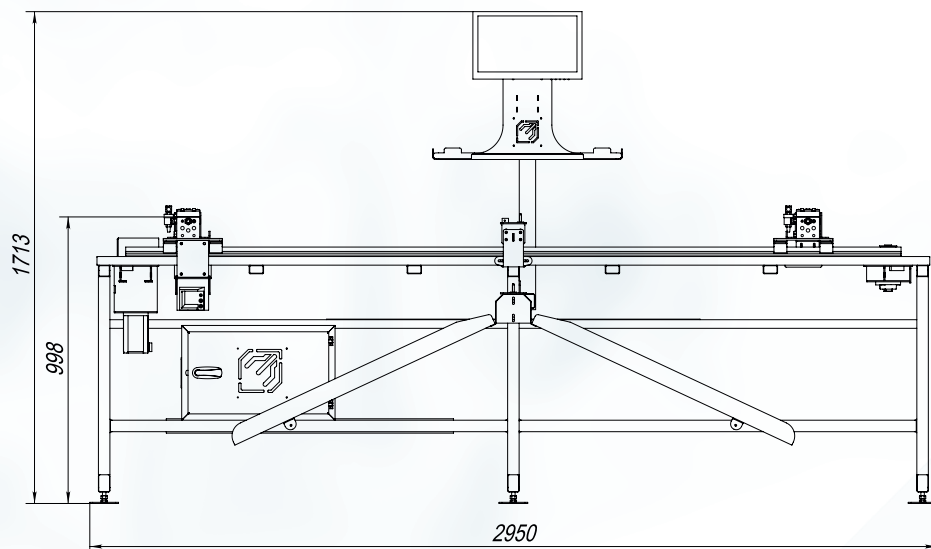
- Fittings are chopped automatically following a preset program
- Automatic distribution of ready-made items among trolleys and cells
- Automatic assembly of finished fittings at the assembly site

HOW YOU USED TO WORK









- Storage of a full range of fitting elements at the assembly site
- Manual setting of sizes and positions
- Cutting is carried out manually or using a pneumatic guillotine
- Fittings are chopped manually by the operator

The double-head guillotine for chopping fittings is a high-precision equipment specially designed for automatic chopping of fitting elements according to the specified parameters. This highly efficient machine provides accurate and swift chopping of the shear and base stopper, preparing them for installation beforehand. The fitting chopping damper optimizes the process and increases productivity, while the automated control system guarantees optimal use of workplaces, contributing to an increase in overall production efficiency.

- High speed and productivity of the work process at this production site
- Accuracy of marking and automatic chopping of fittings
- Increase in usable production area
- Built-in equipment operation statistics
- Easy adjustment
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	2,950x1,720x710 mm
	Number of axes	1 pc.
	Positioning accuracy	0.3 mm
	Voltage / Max. power	220 V/1.0 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 2,400 parts per 8 hours
	Weight	180 kg

WS 208 - AUTOMATIC DOUBLE-HEAD SCREWDRIVER



AIR ROLLER SYSTEM FOR
AUTOMATIC PULLING AFTER
REINFORCEMENT



INNOVATIVE AND ULTRA
RELIABLE DESIGN OF
SERVO-DRIVEN HEADS



SENSOR FOR COORDINATES
TO FIT THE HANDLE



POSSIBILITY OF USING
SELF-TAPPING SCREWS WITH
A SIZE OF 16-35 MM

**IT PROVIDES SPEED AND EFFICIENCY, AND INNOVATIVE
HEAD DESIGN CONSUMES 15-20 TIMES LESS
COMPRESSED AIR**

HOW WILL YOU WORK NOW

- Screwing-in of self-tapping screws is carried out according to the established technological process
- One operator is enough to ensure non-stop operation of the equipment
- A single operator handles 75% more workload within the same period
- Possibility of identifying the sites where the screwing-in of self-tapping screws is prohibited








HOW YOU USED TO WORK

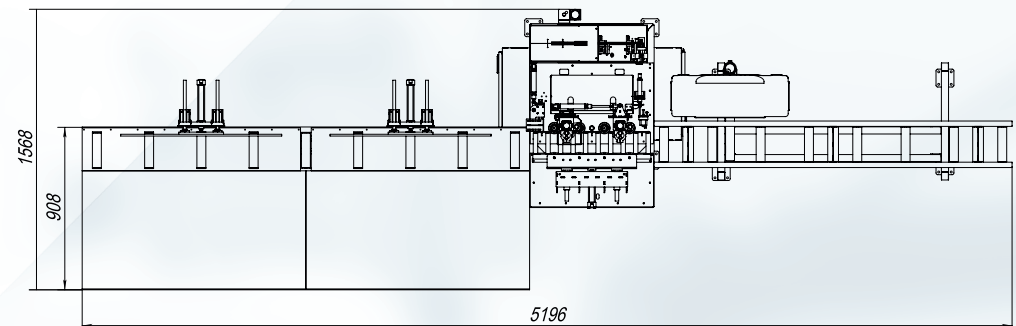
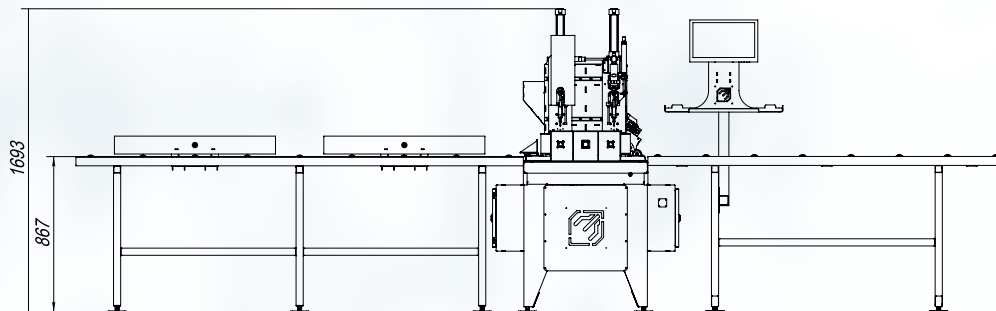
- Self-tapping screws are screwed in chaotically (without compliance with technological standards)
- Use of manual labor, resulting in reduced operator productivity
- Fast tool amortization and the need to attract an additional operator
- High air flow rate

The automatic double-head screwdriver is a machine operating on computer-controlled servo motors, specially designed for effective reinforcement in PVC profiles. This machine features two operating modes. Switching between them is straightforward thanks to a special switch. It is possible to work based on uploaded data and identification through barcode scanning. The software allows you to select the distance between the self-tapping screws and also automatically determines the location of the holes to fit the handle. In the "lamination" mode, the self-tapping screws are screwed in at a reduced pitch, ensuring perfect fixation. This stationary double automatic screwdriver is a reliable assistant in the production of window systems.

- Increasing production speed by 75%
- Automatic pulling of the workpiece – reducing the influence of the human factor on production
- Individual adjustment of the pitch of the self-tapping screws for white and laminated profiles
- Swift readjustment according to the profile width
- Built-in system for detecting handle or lock on the workpiece
- Adjustment of the correct technological process of reinforcement
- Full statistics of equipment operation, including counting the number of screws used
- Increasing the wear resistance of equipment through the use of servo motors
- Possibility of completing with inclined roller table

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	5,200x1,700x1,570 mm
	Self-tapping screw size	16-35 mm
	Positioning accuracy	+/- 2 mm
	Voltage / Max. power	220 V/3 kW
	Travel speed	up to 600 mm/s
	Pressure	6 atm
	Productivity	up to 1,800 parts per 8 hours
	Weight	400 kg



WS 505 - CENTER FOR DRILLING HOLES TO FIT THE IMPOST AND MARKING FOR STRIKING PLATES



POSITIONING BY PROFILE
TYPE ON THE X, Y, AND Z AXES



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER

**INCREASING THE SPEED OF WINDOW ASSEMBLY
BY 3 TIMES**

HOW WILL YOU WORK NOW

- High speed of production process
- High-precision hole drilling
- Positioning occurs in 3 axes (x, y, z) depending on the type of profile
- Minimizing the influence of the human factor on the process
- Opportunity to attract low-skilled personnel









HOW YOU USED TO WORK

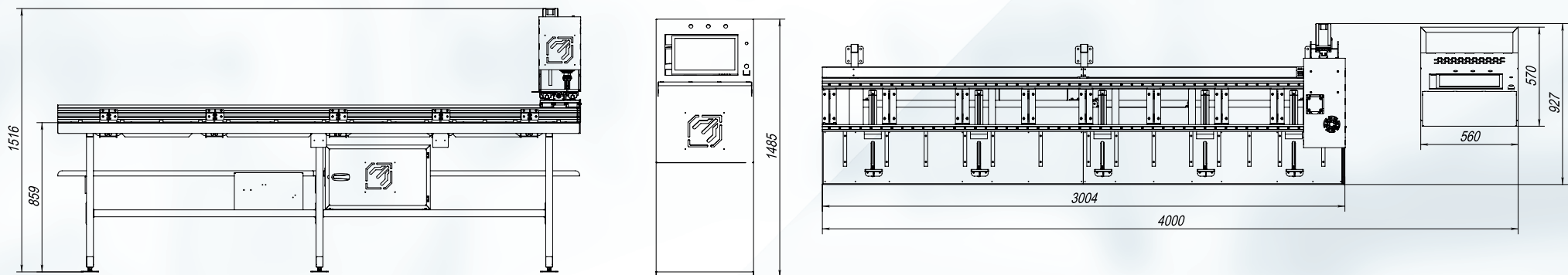
- Holes are measured manually by an operator
- A large number of errors and costs resulting from the use of manual labor
- Low speed of production, constant queuing of constructions
- Cluttering of the operator's workplace

The impost hole drilling station is a highly efficient piece of equipment designed to quickly and accurately create impost center screw holes in frames and imposts. This unique technological solution eliminates the possibility of even the smallest errors in the process of drilling the mechanical impost connector. The station is equipped with advanced automated systems, which allow drilling to be carried out while minimizing the influence of the human factor on the process. This approach ensures incredible accuracy and reliability of operations, helping to improve the quality of the end product and speed up production processes. The drilling station in reinforced frames is a reliable partner in production with a guaranteed result.

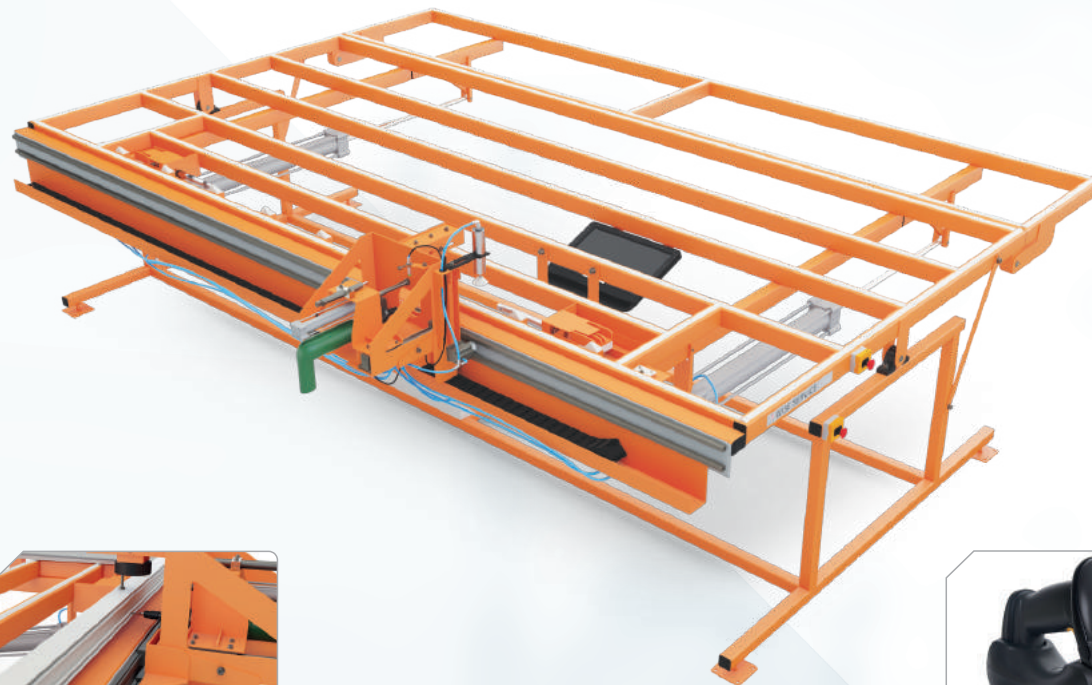
- Doubling the production speed
- Automation of hole measurement and drilling processes
- High-precision hole drilling
- Positioning occurs along 3 axes (x, y, z) depending on the type of profile
- Minimizing the influence of the human factor on the process
- High-quality and affordable service
- Easy equipment setup

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	4,000x1,520x930 mm
	Number of axes	3 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/2.5 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 920 parts per 8 hours
	Weight	350 kg



WS 401 - DRILLING STATION TO FIT THE IMPOST IN THE FRAME



POSITIONING BY PROFILE TYPE
ON THE "X" AND "Z" AXES



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER

**ACCELERATION OF DRILLING HOLES TO FIT
THE IMPOST UP TO 2 TIMES**

HOW WILL YOU WORK NOW

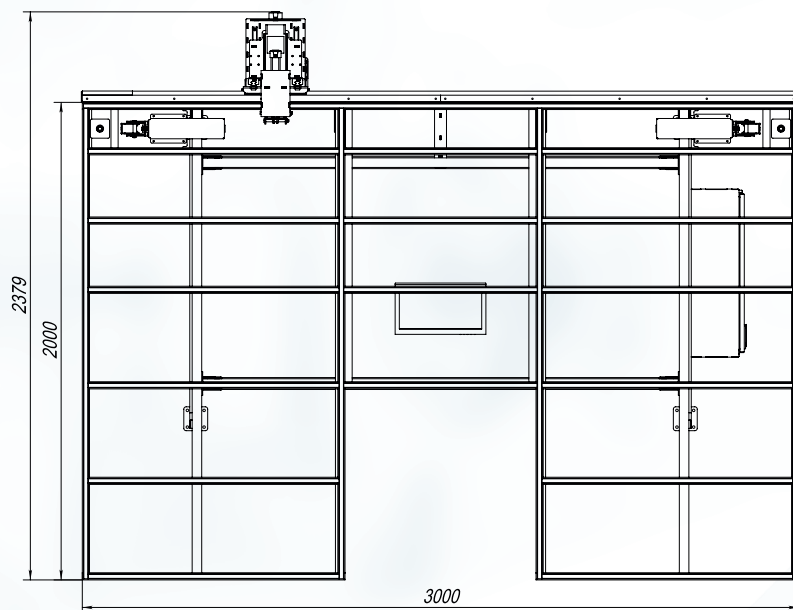
- The equipment automatically sets the size and drills holes
- No errors related to a human factor
- Drilling is carried out on an already welded structure
- Opportunity to attract low-skilled personnel

HOW YOU USED TO WORK









- Use of conductors for each type of profile
- Measuring places for drilling is carried out manually by the operator
- Errors while drilling holes to fit the impost
- A queue of structures with no time to be processed
- Attracting highly qualified personnel

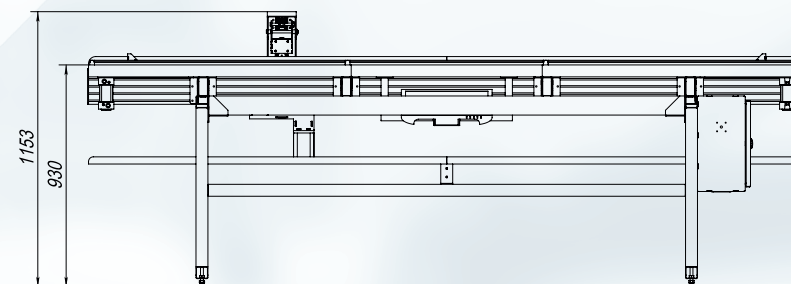
The single-head frame impost drilling station represents a key element in increasing production efficiency and speed. This unit is designed to minimize downtime by eliminating large buffers between welded and stripped structures, thereby ensuring a continuous production process. Holes are drilled on already welded structures in a fully automated mode, minimizing the human factor in the process. This eliminates the possible errors that would occur when manually measuring the drill hole locations using a tape measure, which in turn reduces the rejection rate at the welding stage. Furthermore, this approach relieves mechanical damage by reducing frame rotation by 2 times.

- High speed of production process
- Accuracy of measuring and drilling holes
- Positioning along "x" and "y" axes depending on the type of profile
- Minimizing the influence of the human factor on the process (error of only 0.1 mm)
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,160x2,000 mm
	Number of axes	2 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380V/1.0kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 400 contours per 8 hours
	Weight	320 kg





WISE
SERVICE

AUTOMATION
OF WINDOW PRODUCTION

AUTOMATION OF WINDOW PRODUCTION,
INCREASING PROFITS UP TO 50%

WS 402 - DOUBLE-HEAD DRILLING STATION TO FIT THE IMPOST IN THE FRAME



POSITIONING BY PROFILE TYPE ON
THE "X" AND "Z" AXES



THE MACHINE IS EQUIPPED
WITH A WIRELESS BARCODE
SCANNER

ACCELERATES DRILLING HOLES TO FIT THE IMPOST
UP TO 3 TIMES

HOW WILL YOU WORK NOW

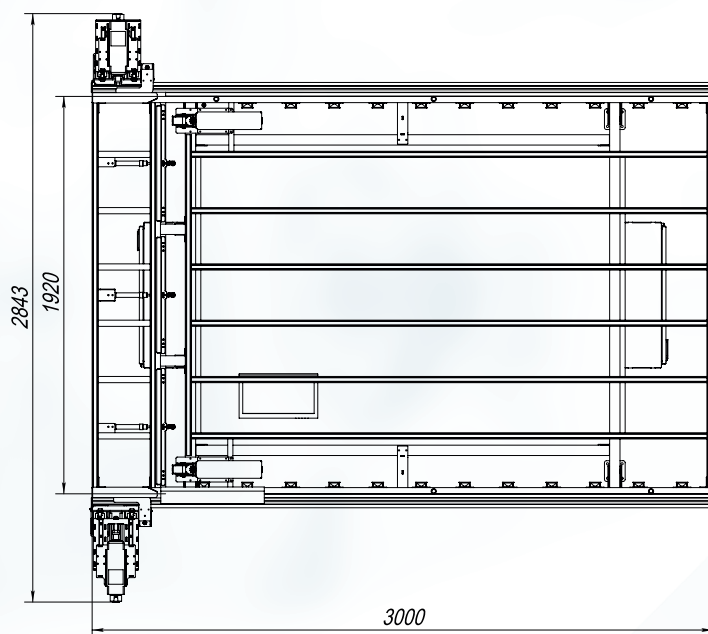
- The equipment automatically sets the size and drills holes
- No errors related to a human factor
- Low amount of mechanical damage during the frame rotation
- Drilling is carried out on an already welded structure
- Opportunity to attract low-skilled personnel

HOW YOU USED TO WORK








- Use of conductors for each type of profile
- Measuring drilling places is carried out manually
- Errors while drilling holes to fit the impost
- A large number of mechanical damages during the frame rotation
- A queue of structures with no time to be processed
- Attracting highly qualified personnel

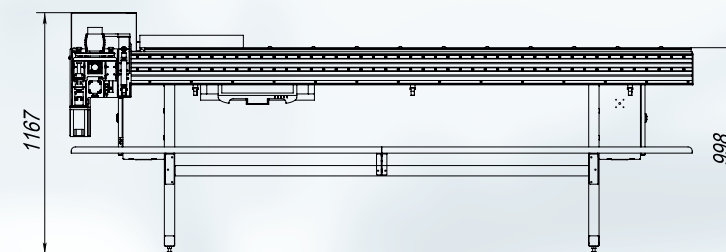
The double-head frame impost drilling station represents a key element in increasing production efficiency and speed. This equipment is designed to minimize downtime by eliminating large buffers between welded and stripped structures, thereby ensuring a continuous production process. Holes are drilled on already welded structures in a fully automated mode, minimizing the human factor in the process. This eliminates the possible errors that would occur when manually measuring the drill hole locations using a tape measure, which in turn reduces the rejection rate at the welding stage. Furthermore, this approach relieves mechanical damage by reducing frame rotation by 2 times.

- High speed of production process
- Accuracy of measuring and drilling holes
- Positioning along "x" and "y" axes depending on the type of profile
- Minimizing the influence of the human factor on the process (error of only 0.1 mm)
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,170x2,850 mm
	Number of axes	4 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/1.5 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 600 contours per 8 hours
	Weight	390 kg



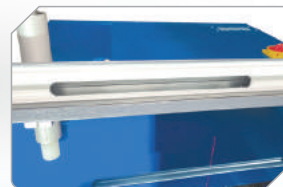
WS 707 - CENTER FOR MILLING HOLES ON THE LEAF TO FIT THE LOCK & HANDLE WITH METAL



ULTRA-PRECISION AUTOMATED
HOLE MILLING



PRODUCTIVITY INCREASE
BY 4 TIMES



TECHNOLOGY PRESERVING
THE CORROSION RESISTANCE
OF METAL

**ULTRA-PRECISE AUTOMATED MILLING OF HOLES IN
PLASTIC WITH METAL TO FIT THE LOCK WITHOUT ANGLE
GRINDER OR PLASMA CUTTER**

HOW WILL YOU WORK NOW

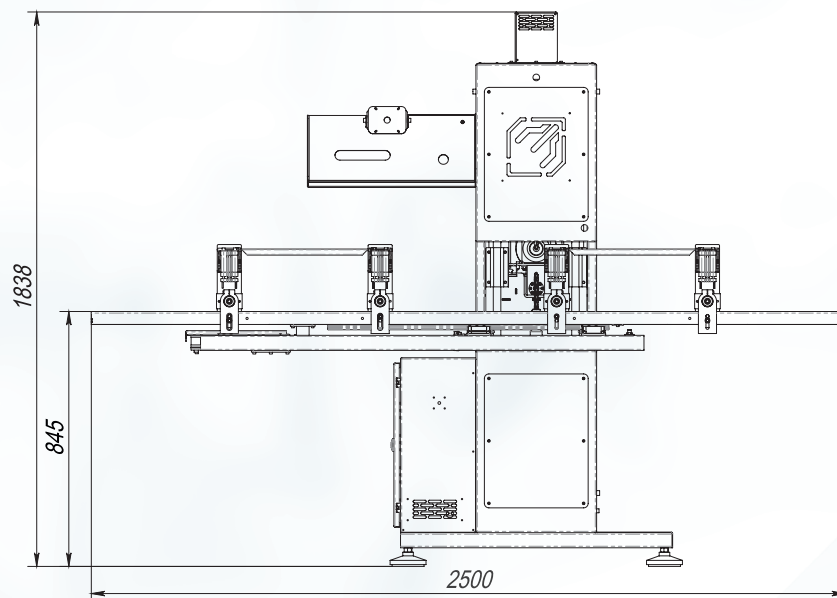
- Metal retains its reinforcing properties
- The entire process is carried out in a single operation
- Space saving in production
- Machine processing speed of 4 min 20 sec
- Opportunity to attract low-skilled personnel

HOW YOU USED TO WORK









- Holes are cut manually (with angle grinder) or with a plasma cutter
- Milling is performed separately
- Attraction of additional labor force is required
- Manual processing speed of more than 10 min at each stage

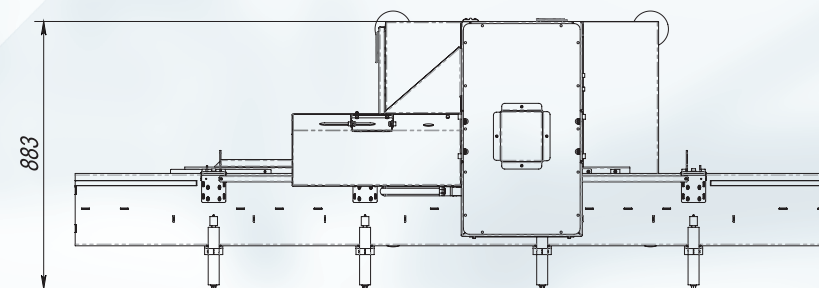
The handle and lock hole milling center makes holes to fit the lock and handle in the profile with metal. Using this center allows you to make holes without machining centers, plasma cutters, or manual labor anymore. The holes in the metal do not subsequently rust, which ensures the durability of the door locks. An automatic milling machine not only offers high accuracy and speed but also has a positive impact on the image of any enterprise.

- High productivity of the working process
- The manufacturing speed of all technological holes coincides with the window manufacturing cycle
- High-precision hole milling
- Unlimited number of customizable templates to fit the lock
- Increase in usable production area
- Optimization of work in this production site
- High-quality and affordable service
- Easy equipment setup



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	2,500x1,840x880 mm
	Number of axes	4 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/6.5 kW
	Travel speed	up to 400 mm/s
	Pressure	6 atm
	Productivity	up to 110 parts per 8 hours
	Weight	390 kg





WISE
SERVICE

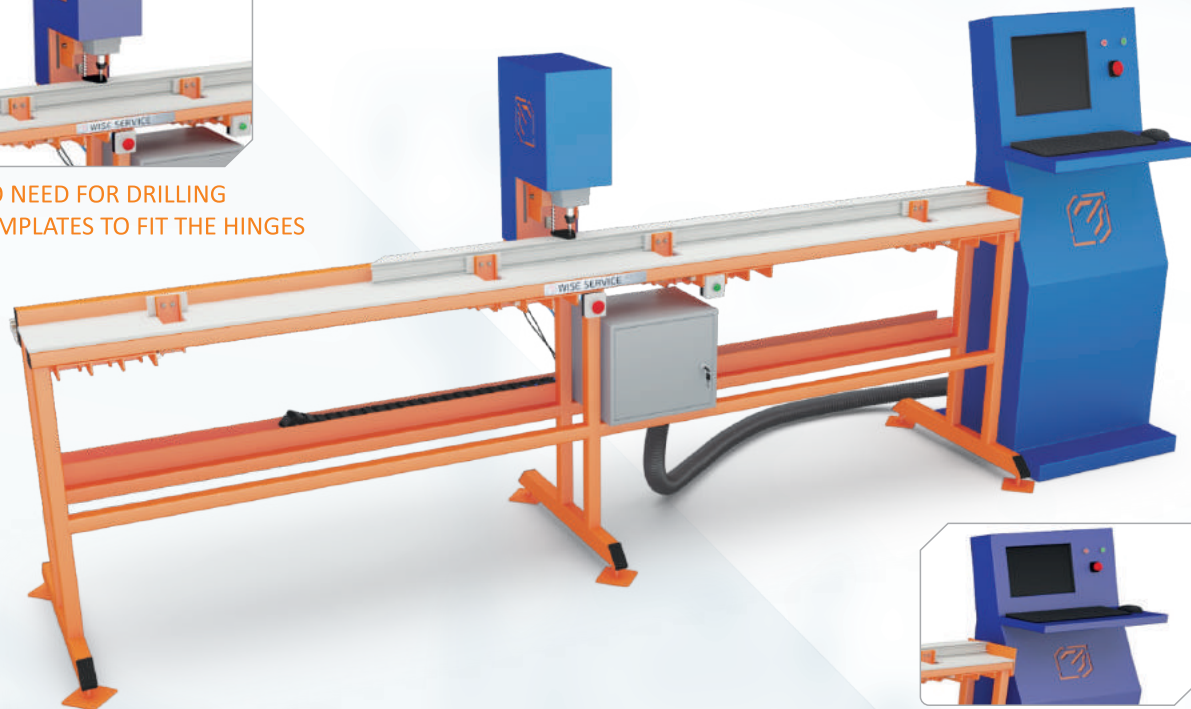
AUTOMATION
OF WINDOW PRODUCTION

AUTOMATION OF WINDOW PRODUCTION,
INCREASING PROFITS UP TO 50%

WS 503 - CENTER FOR DRILLING HOLES FOR DOOR HINGES IN FRAME AND LEAF WITH METAL



NO NEED FOR DRILLING
TEMPLATES TO FIT THE HINGES



CNC WITH THE POSSIBILITY
OF AN UNLIMITED NUMBER
OF PROGRAMMABLE HINGES
AND PROFILES

DRILLING ALL DOOR HINGES IN THE FRAME AND LEAF
WITH METAL IN 2 MINUTES

HOW WILL YOU WORK NOW

- The operator places only the workpiece (up to 5 kg)
- The speed of the production process increases 3 times
- Drilling is carried out automatically according to specified coordinates
- High putput of the production process
- Opportunity to attract low-skilled personnel








HOW YOU USED TO WORK

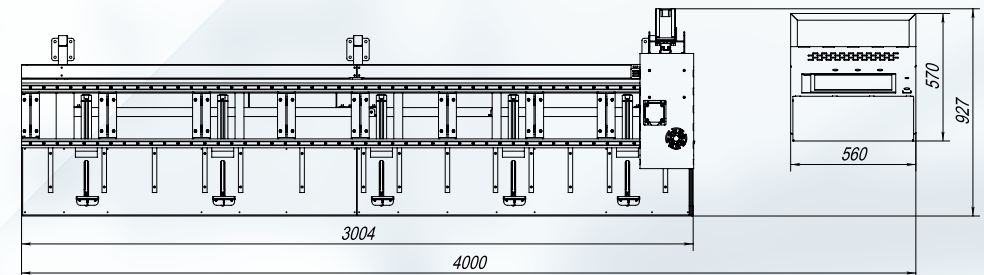
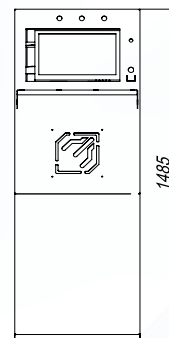
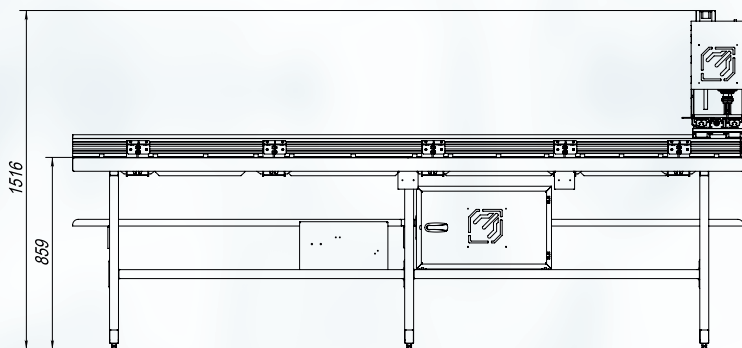
- The operator manually places a heavy frame (30 kg) on the table
- Low speed of production process
- Coordinate marking is performed manually by an operator with a high reject rate
- Drilling is performed using templates
- Low output of the production process

A hinge drilling station is designed specifically for drilling entrance holes in door frames and leaves of various sizes, types, and series of profiles. This innovative equipment saves the operator from the need to use tape measures and templates, providing an automated drilling process. The CNC control system guarantees high accuracy and quality of drilling holes, eliminating possible rejects and ensuring perfect compliance with standards. Efficiency, reliability, and ease of use make this machine the ideal choice for entryway processing.

- High speed and productivity of the working process
- Accuracy of measuring and drilling holes
- Minimizing the influence of the human factor on the production process
- There are no analogs in the world
- The cost is 30% lower compared to the European "analogs"
- High-quality and affordable service

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	4,000x1,520x930 mm
	Number of axes	3 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/2.5 kW
	Travel speed	up to 700 mm/s
	Pressure	6 atm
	Productivity	up to 920 parts per 8 hours
	Weight	350 kg



WS 1070 - SPACER FRAME CUTTING SAW



CNC IS EQUIPPED WITH
A TOUCH SCREEN



SAFE CUTTING UP TO A WIDTH
OF 65MM WITH CLOSED DISK



POSSIBILITY OF MANUAL OPERATION OR UNLOADING
FROM A FLASH DRIVE OR THE NETWORK

HOW WILL YOU WORK NOW

- The equipment performs automatic cutting according to the specified sizes
- Automatic transition to the next size
- Easy collection and removal of chip residues
- Additional protection for operator safety

HOW YOU USED TO WORK






- The cutting of the spacer frame is carried out manually
- The size is set manually
- The complexity of the assembly process and removal of residual chips
- Unsafety resulting in occupational injury to the operator

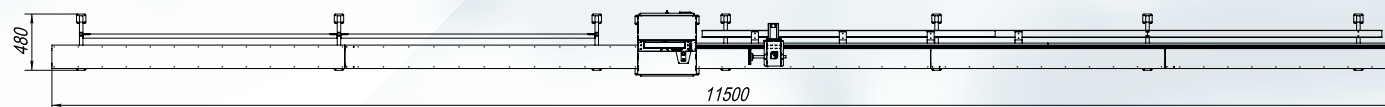
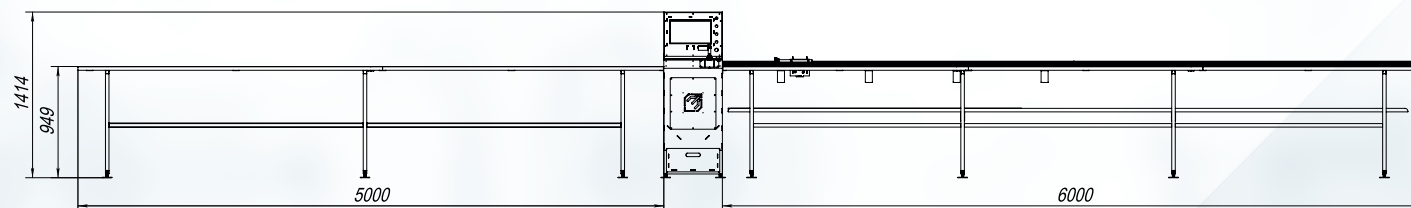
COMPLEX WITH A PRODUCTIVITY OF 480 CUTS/HOUR

The saw is designed for cutting the spacer frame for double-glazed windows. The unit is fitted with a feeding and an automatic receiving roller table. The cutting can be carried out according to an optimization program or manually. The spacer frame is laid out on the feeding roller table. The receiving stop moves to the specified sizes and cuts. After cutting, the stop automatically moves to the next specified size. Due to the unique design of the saw, it is possible to perform simultaneous cutting of 4 spacer frames with a width of 16 mm.

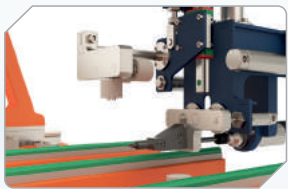
- Automatic cutting - the process time is reduced by 2 times
- High cutting precision
- Separate and easy-to-clean chip residue collection area
- Minimizing operator involvement in the production process
- User-friendly and intuitive system management software
- High-quality and affordable service

TECHNICAL SPECIFICATIONS

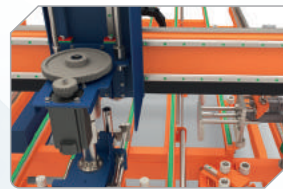
	Dimensions (LxHxD)	500x1,415x480 mm
	Voltage / Max. power	380 V/1.5 kW
	Pressure	6 atm
	Productivity	up to 4,000 cuts per 8 hours
	Weight	290 kg



WS 910 - AUTOMATIC FITTING SCREWING CENTER



INSTALLATION MODULE FOR AN UNLIMITED
NUMBER OF TYPES OF FITTINGS



AIR CLAMPS FOR FIXING
THE CONTOUR ON THE TABLE

**INCREASING THE SCREWING SPEED OF FITTINGS
MORE THAN TWICE**

HOW WILL YOU WORK NOW

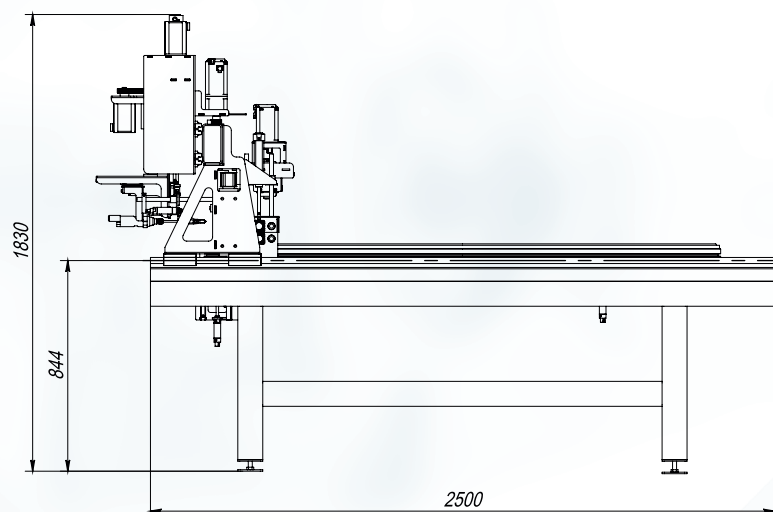
- Screwing of fittings is performed automatically
- The operator performs only one operation, i.e., installation of the fittings into the leaf
- The transition to the next size occurs automatically
- The screwing process is performed by the machine without operator's participation

HOW YOU USED TO WORK









- Fittings are screwed in manually by the operator
- The operator manually performs two functions: tying and screwing
- Losing time for positioning before screwing-in of the self-tapping screw

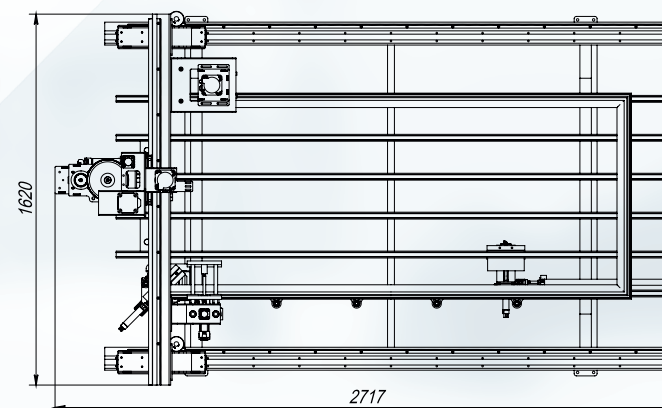
The automatic fitting screwing center is a highly efficient piece of equipment designed to increase the volume of leaf production, thanks to the complete automation of the fitting screwing process. The operator ties the leaf with fittings manually, after which the machine automatically performs the screwing process on three sides according to predetermined sizes. Once the process is complete, the machine automatically moves to the next specified size. This equipment allows to optimize production processes, increasing the efficiency and accuracy of the screwing of fittings. Automated transition between sizes reduces time and eliminates human errors, making leaf production faster and more reliable.

- Automatic screwing of fittings - operator functionality is reduced twice
- High screwing accuracy and automatic transition to the next size
- Minimizing operator involvement in the production process
- Convenient and intuitive software interface
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	2,717x1,830x1,620 mm
	Number of axes	4 pcs.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	220 V/2.5 kW
	Travel speed	up to 1,000 mm/s
	Pressure	6 atm
	Productivity	up to 480 leaves per 8 hours
	Weight	620 kg



WS 8800 - AUTOMATIC VERTICAL CUTTING STAND FOR SANDWICH PANELS



ONE OF THE WORLD'S BEST BUILT-IN
MATERIAL OPTIMIZATION MODULES



HIDDEN MOUNTING SAW BLADE
FOR SAFE CUTTING



EQUIPPED WITH A CHIP ASPIRATION
WITH A CAPACITY OF 3,200 M³

**INCREASING THE RATE OF CUTTING SANDWICH
PANELS BY 3 TIMES**

HOW WILL YOU WORK NOW

- Cutting in automatic optimization mode
- Installation and fixation of the sandwich panel on the stand
- Starting the cutting by pressing the pedal
- Opportunity to attract low-skilled personnel
- Optimization of structural panels
- Printing a label on the current machine workpiece
- Working with a usable leftover warehouse








HOW YOU USED TO WORK

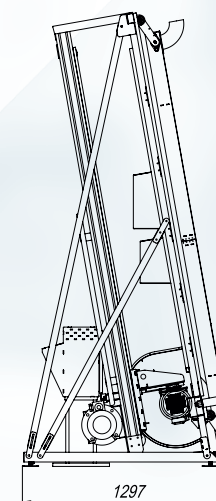
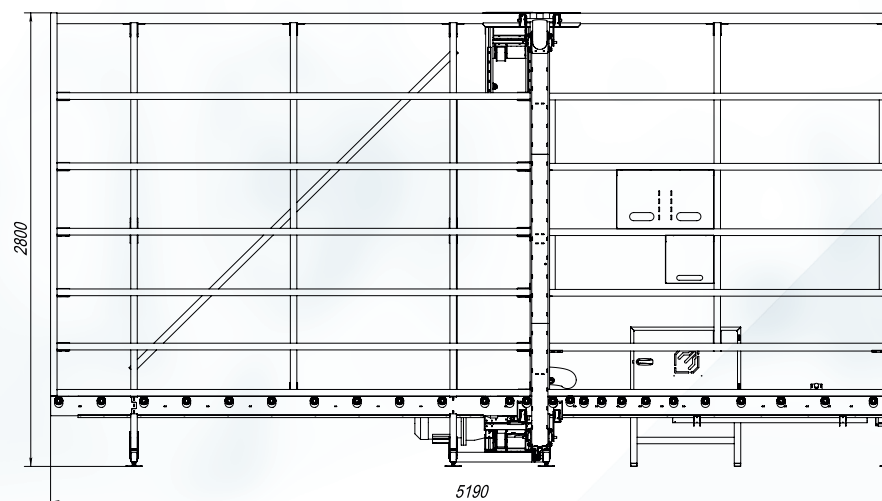
- Printing a cutting chart onto a paper sheet
- Transferring the chart from a paper sheet to a sandwich panel
- Sawing the product with a jigsaw
- Poor quality cut
- Large site area

An automatic vertical stand for cutting sandwich panels constitutes an effective solution for cutting different types of sandwich panels. This computer-controlled machine ensures accurate and efficient production of the required number of workpieces of given sizes. Thanks to the built-in optimization program, the stand easily prepares cutting charts taking into account leftover inventory, while the clamping system sets and fixes the sandwich panel on the table. After fixing, the cutting procedure is started by pressing the pedal, ensuring high productivity. Maximum smooth and clean-cut edges guarantee ideal product quality. When using this machine in production, the human factor is minimized, and the speed and efficiency at this site increase significantly.

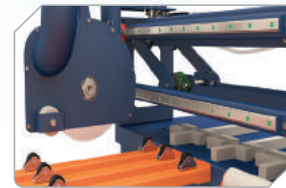
- The best quality optimization program in the world
- Possibility of optimization with structure
- Data import from Excel
- Stocking the business balance
- High speed of the working process
- Clean and smooth cut edge
- Possibility of processing a variety of workpieces
- No rejects
- Process optimization resulting in minimization of wastes
- Easy setup
- Service maintenance

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	5,200x2,800x2,800 mm
	Max. panel	2,000x3,000 mm
	Saw blade	450/30 mm
	Voltage / Max. power	380 V/6.5 kW
	Pressure	6 atm
	Productivity	240 panels per 8 hours
	Weight	560 kg



WS 1001 - AUTOMATIC WINDOW SILL CUTTING CENTER



LONGITUDINAL
AND CROSS CUT



AUTOMATIC FIXING
AND PROFILE FEED



EQUIPPED WITH A CHIP ASPIRATION
WITH A CAPACITY OF 3,200 M³

**SPEEDING UP THE CUTTING OF WINDOW
SILLS BY 5 TIMES**

HOW WILL YOU WORK NOW

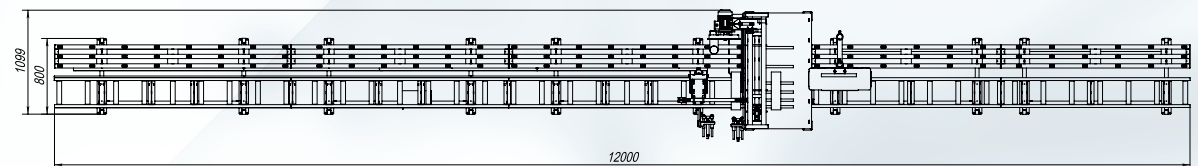
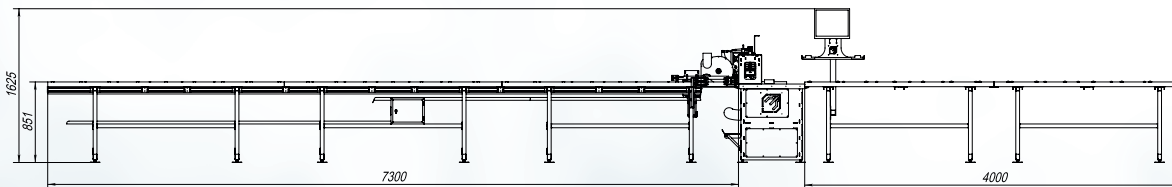
- High level of automation of the window sill cutting process
- Precise and smooth cut
- Low rejection rate (error of only 0.1 mm)
- Clean area after cutting the workpiece (the built-in vacuum cleaner draws in the chips during the cutting process)
- Number of window sills cut in 8 working hours - 2,400 pcs.
- Opening the window sill lengthwise on one machine

HOW YOU USED TO WORK




- Window sills are cut manually using auxiliary materials
- Crooked cut
- High rejection rate
- Dirty area after cutting the workpiece
- Number of cut window sills per 8 working hours - 400 pcs.

The automatic window sill cutting center automates this process, so the operator only needs to place the window sill on the machine and remove the cut workpiece. An automatic grip feeds the sill whip to the saw and the desired size is cut, followed by printing a label to mark the part. The productivity of this center is 5 window sills per minute! This machine is also equipped with a sawing unit to cut the window sill lengthwise and crosswise, which makes the machine multifunctional.

- High output of the production process
- Minimizing the influence of the human factor on the production process
- The lack of analogs of this equipment among the competitors
- The workplace is kept clean while the equipment is operating
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	12,000x1,655x1,100 mm
	Height adjustment	900-1,000 mm
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380V/2.0kW
	Travel speed	up to 1,000 mm/sec
	Pressure	6 atm
	Productivity	up to 1,800 cuts per 8 hours
	Weight	450 kg



WS 700 - LOGISTICS WAREHOUSE FOR GLASS RESIDUES



SEPARATE CELL FOR EACH
GLASS



AUTOMATION BY
SUPPLEMENTING WITH
A MECHANIZED TROLLEY



90% REDUCTION IN GLASS REJECTS

HOW WILL YOU WORK NOW

- Each glass is stored / stands in a separate cell
- Easy to find and remove / get the required glass
- Low percentage of glass illiquidity (unlikely glass damage)
- Easy to scale the site (by installing additional modules)
- Possibility to automate the process (our automatic trolley is used)
- One person is enough to operate the warehouse







HOW YOU USED TO WORK

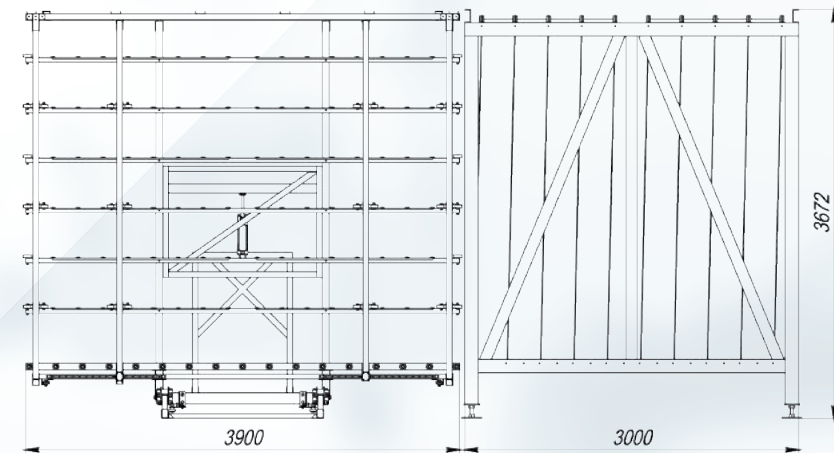
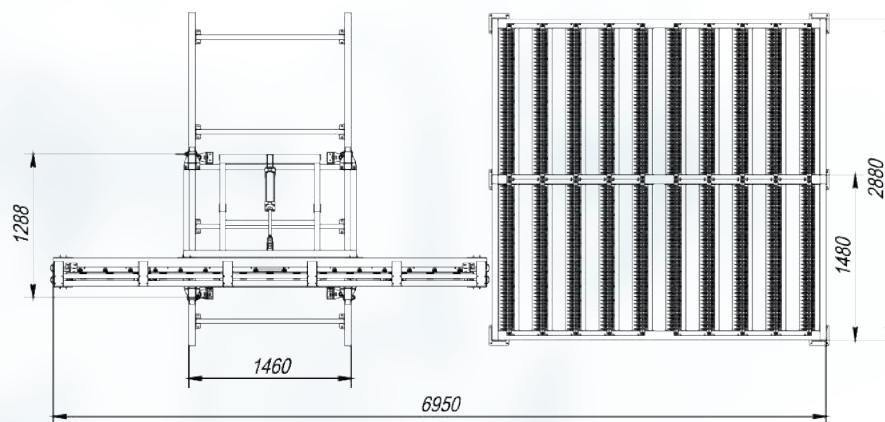
- The glass is piled in a single stack per pyramid
- Inconvenience in removing priority double-glazed windows
- Increasing percentage of illiquidity due to its damage during repositioning

Logistics warehouse for glass residues is a modular cassette-type warehouse designed for efficient storage of usable glass leftover. The compact and ergonomic design of the warehouse ensures easy installation and maximum usability, as well as high load-bearing capacity, making it an ideal choice for enterprises involved in glass processing and storage. The unique feature of the optional mobile trolley makes the loading and unloading of glass from the cells significantly easier, making the process more efficient and safer. An innovative approach to organizing warehouse space and its functional features will make working with sheet glass more efficient and convenient.

- High percentage of glass liquidity is maintained
- Easy scalability of modular storage capacity
- Automatic distribution of usable leftovers according to the cutting chart
- Possibility to automate the process by adding an automatic trolley
- High-quality and affordable service

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	6,950x3,672x2,880 mm
	Number of cells	40 pcs.
	Positioning accuracy	1 mm
	Pressure	6 atm
	Weight	1,200 kg
	Maximum workpiece size	3,000x3,000 mm



WS 790 - AUTOMATIC ALUMINUM PROFILE BENDING MACHINE



MECHANICAL CLAMP FOR
PROFILE



BUILT-IN COMPUTER WITH
THE CNC CONTROL SYSTEM



**ALUMINUM PROFILE BENDING WITHOUT
OUTSOURCING IS AVAILABLE TO EVERYONE**

HOW WILL YOU WORK NOW

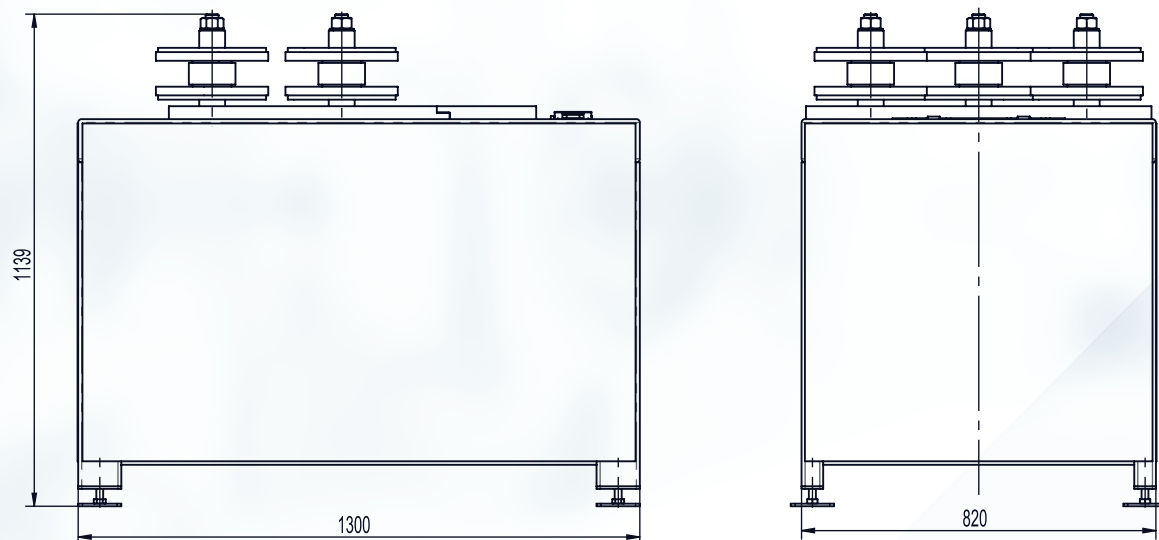
- Lower price for profile bending
- Bending takes place directly in production
- There is no need to use additional transport chains
- Saving time when errors/mistakes occur on behalf of the operator
- The bending process is performed in line with the loading of this production site

HOW YOU USED TO WORK









- High price of profile bending
- Bending is performed by a third party
- Attracting and using additional transport chains
- Errors/rejects on behalf of the operator starts the bending process again
- Queues from other manufacturers

This machine represents a specialized piece of equipment designed for bending aluminum profiles, including facade, door, and window structures. Its functionality is aimed at the precise and efficient processing of aluminum profiles required in the construction and architectural fields. Using this machine in the production process gives the undeniable advantage of eliminating redundant logistical steps and increasing the speed of production of the end product. It is related to its ability to accurately form profiles according to specified parameters, which reduces time and material costs, as well as increases the overall efficiency of the working process. The machine is becoming an indispensable tool for enterprises engaged in the production of aluminum structures, providing high quality and high precision when working with the material.

- Reducing time to produce the end product
- Lack of complex supply chains
- Lower cost of aluminum profile bending
- Convenient and intuitive software interface
- High-quality and affordable service



TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	1,000x1,100x1,175 mm
	Number of axes	1 pc.
	Positioning accuracy	0.1 mm
	Voltage / Max. power	380 V/4.5 kW
	Travel speed	up to 400 mm/s
	Pressure	6 atm
	Productivity	up to 80 parts per 8 hours
	Weight	940 kg

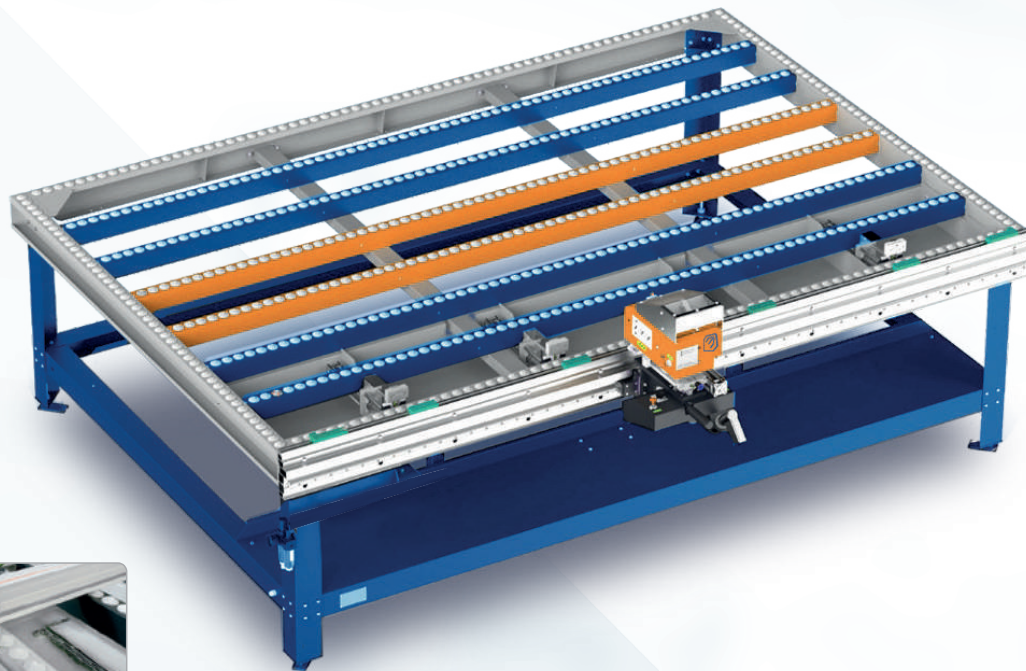


WISE
SERVICE

AUTOMATION
OF WINDOW PRODUCTION

AUTOMATION OF WINDOW PRODUCTION,
INCREASING PROFITS UP TO 50%

WS 920 - HARDWARE SCREWING TABLE



SENSORS TO PREVENT
THREAD STRIPPING

TYING THE LEAF WITH FITTINGS IN MINUTES

HOW WILL YOU WORK NOW

- Using the hardware table
- The screwing process is performed with an automatic screwdriver
- Attracting less qualified personnel








HOW YOU USED TO WORK

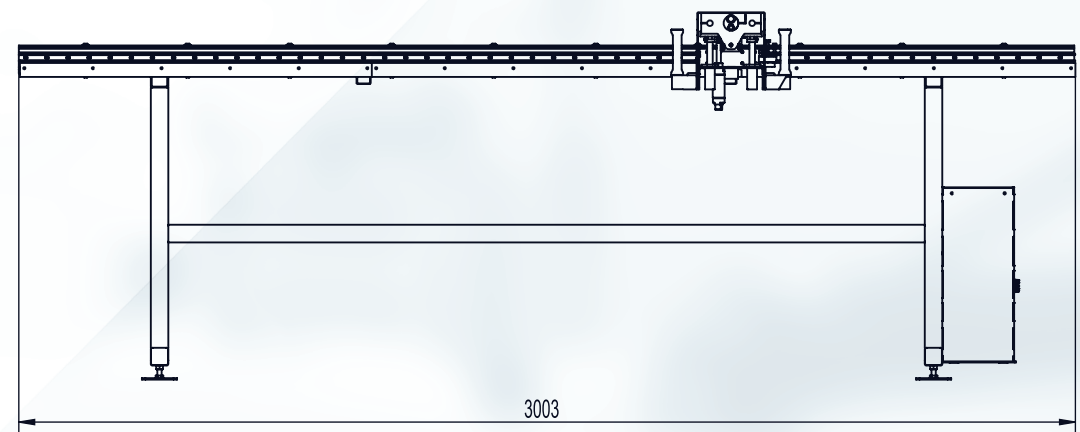
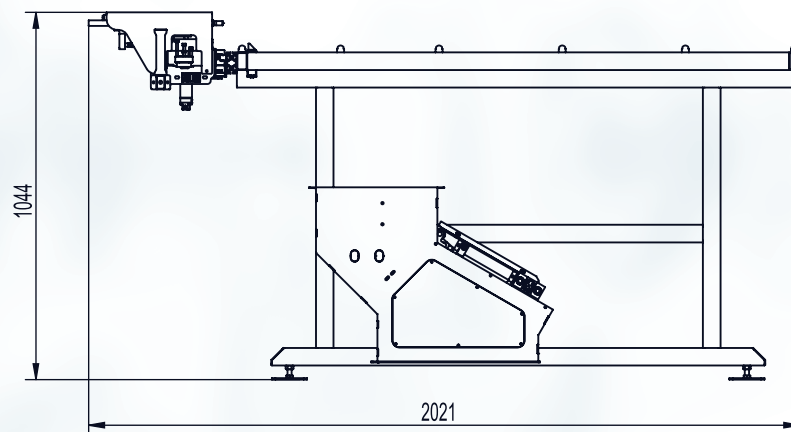
- Using a standard table
- Screwing-in is performed manually
- A great deal of time is spent on this operation

The hardware screwing table is an advanced equipment that completely eliminates the need for traditional screws and manual labor. The automatic feeding of the screwdrivers and the screwing process itself accelerates the process at this site. The use of special sensors ensures the prevention of thread stripping, ensuring reliable fastening of the fittings. The metrics of this process embedded in the machine ensure high accuracy and significantly increase productivity at this stage of production, which helps to increase labor efficiency and product quality.

- Increasing the production speed at this site by 2 times
- Automatic screw feeding
- Automatic screwing process of the fittings
- Minimizing the influence of the human factor on the process
- High-quality and affordable service

TECHNICAL SPECIFICATIONS

	Dimensions (LxHxD)	3,000x1,000x2,100 mm
	Screwdriver height position	6 pcs.
	Voltage / Max. power	220 V/0.1 kW
	Travel	manual
	Pressure	6 atm
	Productivity	up to 240 leaves per 8 hours
	Weight	210 kg



WS 510 - AUTOMATIC SEAL TRIMMING MACHIN



RECONFIGURATION OF COORDINATES
IN AUTOMATIC MODE FOR VARIOUS
TYPES OF PROFILES



PARALLEL EXECUTION
OF 2 OPERATIONS



INCREASED PROCESSING SPEED BY 3 TIMES
AT THIS STAGE

HOW WILL YOU WORK NOW

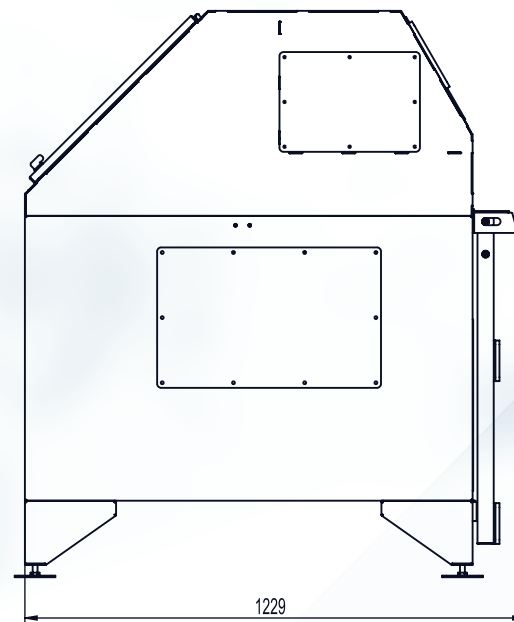
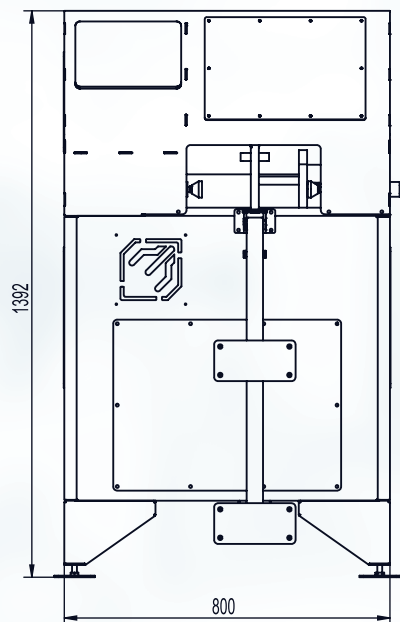
- Trimming of the seal and profile occurs automatically
- Attracting less qualified personnel
- Increasing the speed of the production process

HOW YOU USED TO WORK

- The seal trimming is performed manually
- Attracting highly qualified personnel
- A great deal of time is wasted performing this operation

The automatic seal trimming machine is designed for processing the profile before the welding. This process ensures the required welding quality and prevents further processing of the workpiece. As a result, the time required for further processing of this workpiece after welding is reduced and the production speed at this site increases.

- Re-adjustment of equipment coordinates to fit different profiles is performed in an automatic mode
- Reducing the number of operations on each workpiece
- Minimizing the influence of the human factor on the process
- High-quality and affordable service



TECHNICAL SPECIFICATIONS



Dimensions (LxHxD) **800x1,420x1,485 mm**



Number of axes **3 pcs.**



Positioning accuracy **0.1 mm**



Voltage / Max. power **380V/2.0kW**



Travel speed **up to 700 mm/s**



Pressure **6 atm**



Productivity **up to 960 parts per 8 hours**



Weight **260 kg**



MODERNIZATION AND ADJUSTMENTS OF WINDOW PRODUCTION



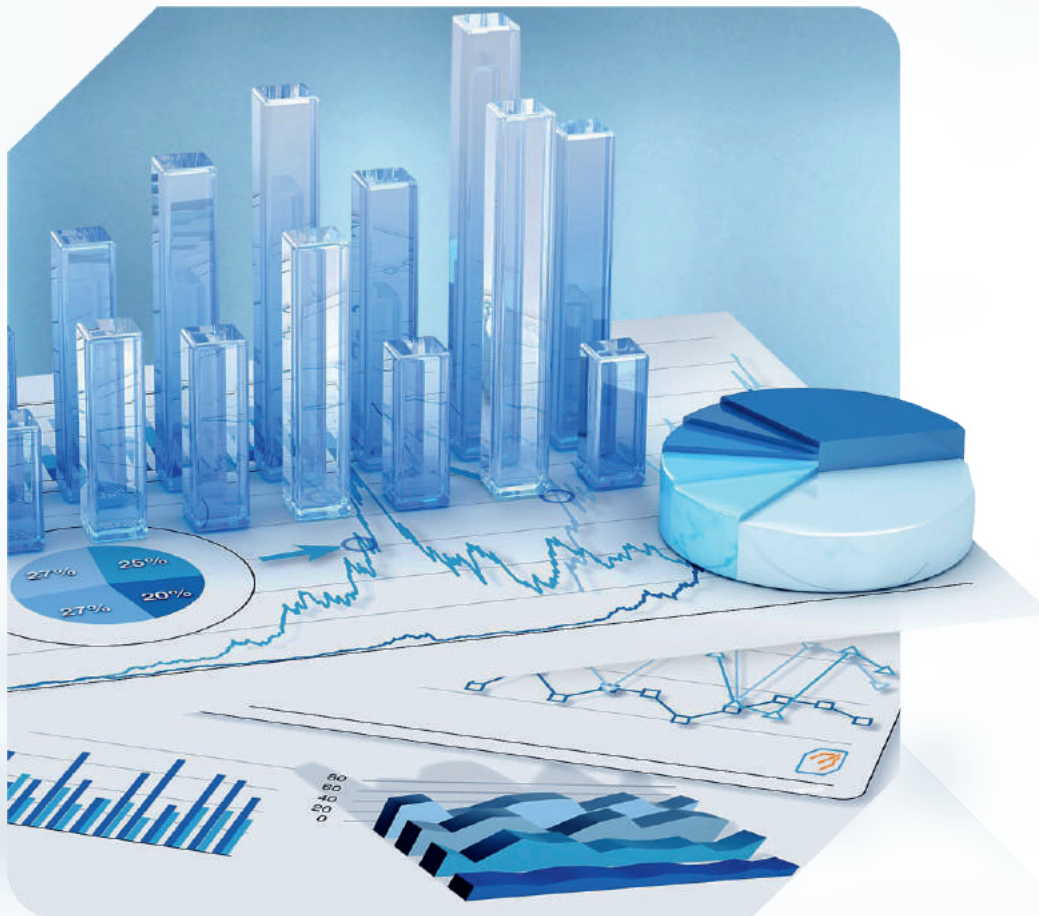
- ⚙️ **Production capacity analysis.**
- ⚙️ **Providing justified recommendations for the modernization of machines.**
- ⚙️ **Modernization of equipment using developed mechanisms and electronics.**
- ⚙️ **Increasing production capabilities.**
- ⚙️ **Improving product quality.**
- ⚙️ **Increasing the company's competitiveness.**
- ⚙️ **Significant savings when purchasing new equipment.**

TECHNICAL SOFTWARE SUPPORT

- 🎯 Selection of a software product following the customer's production needs.
- 🎯 Software implementation and maintenance.
- 🎯 Timely software updates.
- 🎯 Collecting, processing, and archiving the production data.
- 🎯 Transfer of data to PLM, MES, and ERP enterprise systems.
- 🎯 Using such information systems as AltAwin, Win Calc, Pine Cut, RasKon, and WH Windows.



AUDIT AND CONSULTING OF WINDOW BUSINESS



- 🎯 Comprehensive assessment of the current production state.
- 🎯 Identification of production weaknesses.
Development of options for their resolution.
- 🎯 Optimization of production processes based on feasibility reports.
- 🎯 Development of an individual project for the customer with production capabilities and purposes in mind.
- 🎯 Consulting and technical support.
- 🎯 Software.

ABOUT US

I am humbled to bring our company to your attention, proudly dedicated to the design and manufacture of high-end CNC equipment for the window manufacturing industry. Bringing the experience and expertise of the best engineers and professionals in the industry under one roof, our organization can provide our customers with innovative solutions designed to help them enhance the quality and efficiency of their operations.

Since the founding of the company, our main goal has been to create equipment that meets the highest quality standards and provides our customers with a competitive advantage in the market. We work diligently to develop and implement advanced technologies that make manufacturing processes more accurate, faster, and more cost-effective.

Our CNC window manufacturing equipment is the result of many years of research and development. We offer a variety of solutions that include cutting, drilling, milling, and other processes needed to produce superior-quality windows and doors. We are proud that our equipment helps our customers to reduce costs, increase productivity, and create products that meet the most demanding requirements.

We also focus on serving and supporting our customers. Our team of specialists is always ready to help you set up and maintain the equipment, as well as provide advice and recommendations on its use.

Best regards, owner of the company
Geraschenko Evgeniy



COMPONENT BRANDS





WISE
SERVICE

AUTOMATION
OF WINDOW PRODUCTION

AUTOMATION OF WINDOW PRODUCTION,
INCREASING PROFITS UP TO 50%

GEOGRAPHICAL PRESENCE



Ukraine



USA



Poland



Canada



Moldova



Turkey



Spain



Kyrgyzstan



Kazakhstan



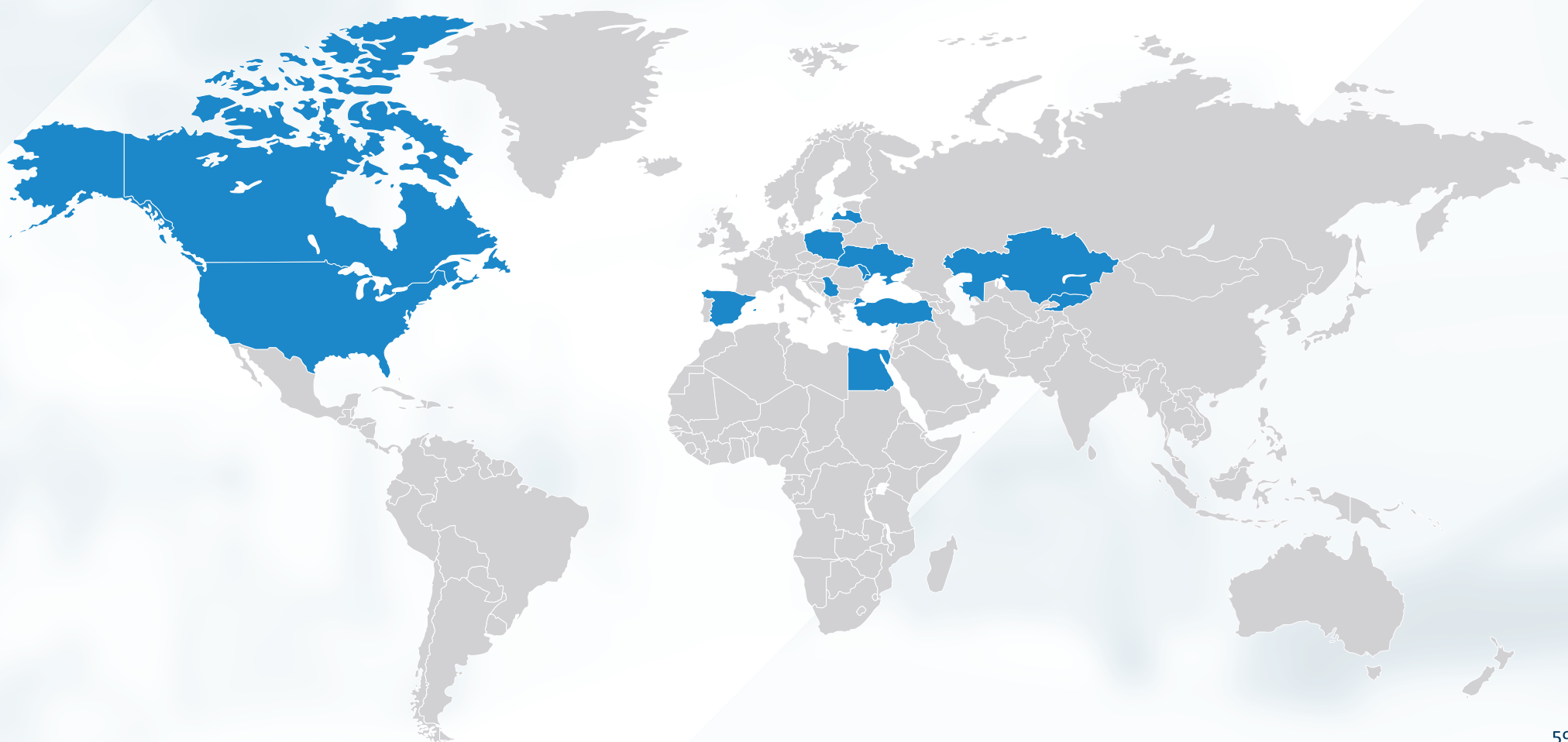
Egypt



Serbia



Latvia



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