



FEROPROFIL

FLAT GLASS MACHINERY **CATALOGUE 2023**

WE KNOW YOUR WORK, GET TO KNOW OUR MACHINES

Feroprofil has been a manufacturer of flat glass machinery and equipment since 1999..

- > We offer high-quality, tested, reliable, and affordable machines for all types of glass shops, glass companies, and glaziers. Our customer base extends not only throughout the Czech Republic but also to other countries, including Germany, Poland, the UK, the Netherlands, Denmark, and more.
- > Our main products are: diamond grinder DIA5, belt grinder BR230, vertical twin spindle drilling machine VSV100, horizontal twin spindle drilling machine VS75, hydraulic cutting and handling tables FUL4 & ROL4, drawer glass racks for storing different sizes of glass, racks for vans, etc.
- > The main advantages of our machines are their ease of use, quiet operations, and low maintenance requirements. All of our machines provide enough engine power, proven by development and testing in real-world use.
- > Our company, FEROPROFIL, has become an important partner to many customers around the world thanks to the easy operation, undemanding service, and low disruption rate of our manufactured machines. We base our success on fostering strong relationships with our customers. We are your trusted business partner, offering quality machines, excellent customer service, comprehensive after-sales support, machine refurbishment, and expert guidance and consultancy in the field of flat glass machinery.

Categories

Edging machines

Drilling machines

Cutting and hydraulic tables

Storage systems



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SHORT DELIVERY TIME

Due to our dynamic manufacturing planning and the efficiency of our employees, we are able to offer the shortest delivery terms in this industry.



PROVEN QUALITY

Our machines are manufactured in our facility using parts made by ourselves or our European partners and suppliers.



AFTER-SALES SERVICE

After-sales service is our number one priority, which is the most important part of our relationship with our customers.



LOW OPERATION COST

The know-how our company has built over many years makes our machines highly time-efficient, with low power consumption and minimal wear on spare parts.



CUSTOMIZED MACHINES

Do you have specific requirements for the dimensions of the machines? We can manufacture a machine to precisely match your needs.



SERIAL PRODUCTION

We are capable of providing glass shops and glass companies with the various machines they require. Our machines are also designed for use in serial production.



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HORIZONTAL GLASS EDGING MACHINE **BR 230**

Features

- > Quick and easy operation
- > Edges laminated glass.
- > Maximum glass edging thickness of 12mm.



About

- > The FEROPROFIL BR 230 horizontal glass edging machine is unique for its two-cylinder construction.
- > Changing grinding belts is very easy and quick. Both rollers are housed in a protective steel housing for maximum safety during machine operation. The tilt of this cover is controlled by the main lever by moving backwards and forwards on the principle of the pen mechanism which ensures a very quick change of the roller position from the front position to the self-locking position)
- > The FEROPROFIL Horizontal glass edging machine is highly cost-effective and time-efficient when compared to other glass belt edging machines in its category.
- > The Horizontal glass edging machine BR230 can also edge and grind laminated glass.
- > Working table of horizontal glass edging machine BR230 can be enlarged using optional accessories.

Technical information

Motor	3×380 V / 1,1 kW, 1400 rpm
Belt speed	12,4 m/s
Contact roller diameter	230mm
Edging belt	100 / 1830mm
Working table	2400 / 640mm
Finish	hot dip galvanized + comaxid
Depth	1450mm
Width	1240mm
Height	1350mm



Accessories





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HORIZONTAL GLASS DRILLING MACHINE VS 75

Features

- > Drill depth 520mm
- > Drilling up to 100mm hole
- > Double sided drilling
- > Easy one-hand operation

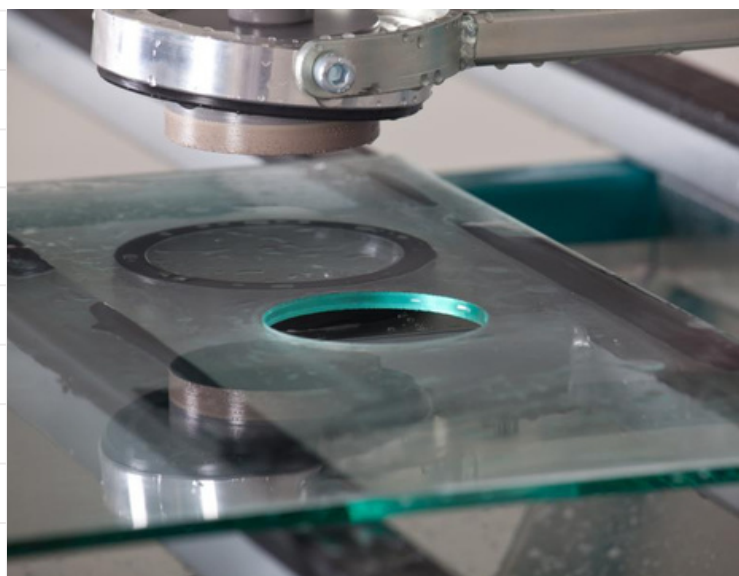


About

- > Double - sided horizontal diamond drilling machine is designed for drilling holes from Ø 4mm to Ø 75mm average. When using the inverter can drill holes up to Ø 100 mm.
- > Our drilling machines are equipped with interchangeable rings to accommodate various drilling sizes while maintaining maximum pressure.
- > During the drilling process a cooling liquid is supplied into the cavity of drill bit to facilitate the process. This process can be regulated by the operator of the machinery during the drilling process.

Technical information

Motor	3x400 V, 2x 0,37 kW, 1400 rpm
Power supply	3x 400V (1x230 V, 3x 230V) 50/60 Hz
Hole diameter	4 - 100mm
Drilled glass thickness	3 - 20mm
Working table	1250 x 720mm
Drill reach	520mm
Depth	1000mm
Width	1240mm
Height	1750mm



Accessories



FRONTAL SLIDING LATH



REVOLVING WHEELS 4PCS + CONSOLE



SIDE HEIGHT ADJUSTABLE STANDS



ADJUSTABLE RULER



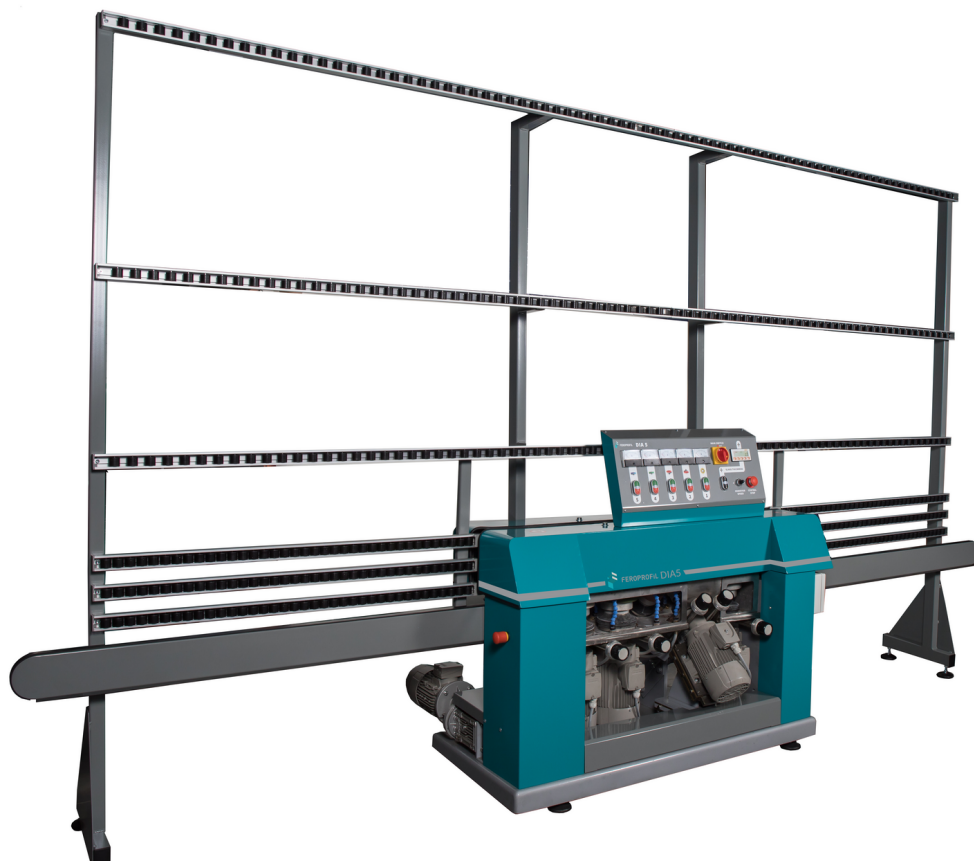
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STRAIGHT LINE EDGING MACHINE

DIA 5

Features

- > Easy operation
- > Conveyor speed regulation
- > Conveyor infeed pressure adjustment

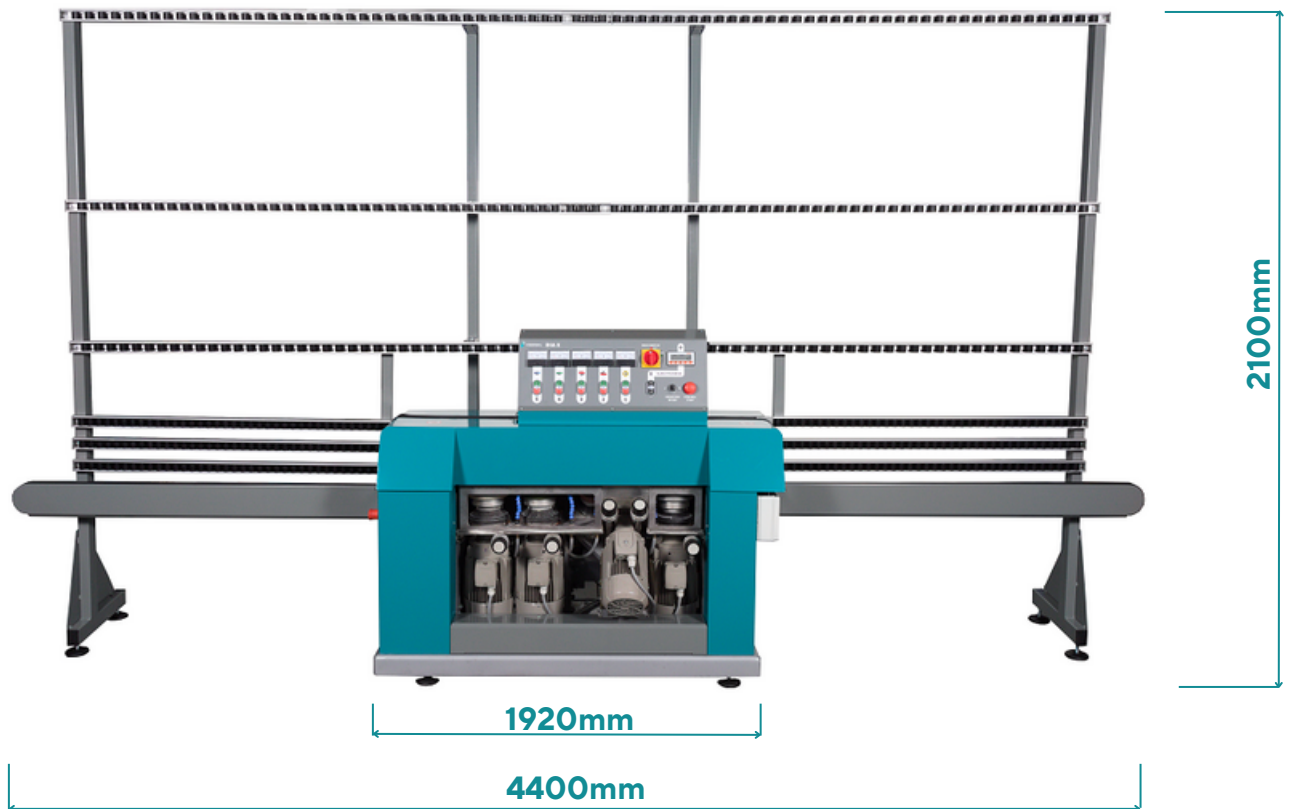


About

- > Five-position plane grinder equipped with three plane grinding wheels and two self-grinding (45-degree) wheels.
- > Compact machine with high efficiency suitable for medium-sized operation.
- > Straight-line edging machine with excellent price-performance ratio. Features a mechanical glass clamping system and a chain conveyor.
- > Manual regulation of speed of conveyor and glass thickness on control panel.
- > Loading height only 650 mm.

Technical information

Motor	6,5 kW
Power supply	3x400 V (1x230 V, 3x 230V) 50/60 Hz
Max glass thickness	3 - 12mm
Min size glass	100 x 100mm
Speed of conveyor	0-4 m/min
Loading height	730mm
N. of positions	5
Weight	1500 kg
Dimension (WxHxD)	4400 x 2100x 800mm



VERTICAL GLASS DRILLING MACHINE **VSV100**

Features

- > Drill reach 900mm
- > Ideal for mass production
- > Double sided drilling
- > Easy one-hand operation



About

- > The vertical double-sided glass drilling machine VSV100 allows the operator to drill holes into sheet glass ranging from 3 to 100mm in diameter.
- > The machine is equipped with a drill spin regulator for smooth adjustment of drill bits, a motorized lifting bar with digital measurement of the vertical position, and a wheel knob for easy adjustment of the vertical position of the loading bar.
- > Tilting pressure board and tilting pressure ring allow the operator to change the drill bits of both drilling heads from the front side of the machine, saving the operator space and time.
- > The greatest advantage of the glass drilling machine VSV100 is its capability to perform perpendicular drilling on sheet glass using a unique linear mechanism that operates both drilling heads via an ergonomic handle. The position of the drill bits can also be adjusted from the front side of the machine, just above the control panel. The lifting bar is equipped with rollers and locking stop points on both sides, allowing for precise adjustments—ideal for serial production.
- > The maximum length from the drill bit center to the lowest position of the loading bar is 900mm, enabling you to drill larger sheets of glass. A modified support frame can be ordered upon customer request.

Technical information

Motor	1,1 kW , 550 – 1400 rpm.
Power Supply	3x400 V (1x230 V, 3x 230V) 50/60 Hz
Drilled glass thickness	3 - 20mm
Drill bits diameter	3 - 100mm
Length of the drill bit	75mm
Loading height	900mm
Min. drilled glass	110 x 50mm
Weight	380 kg
Dimension (WxHxD)	2100 x 2000 x 960mm



Accessories



DIGITAL MEASURING LOADING BAR

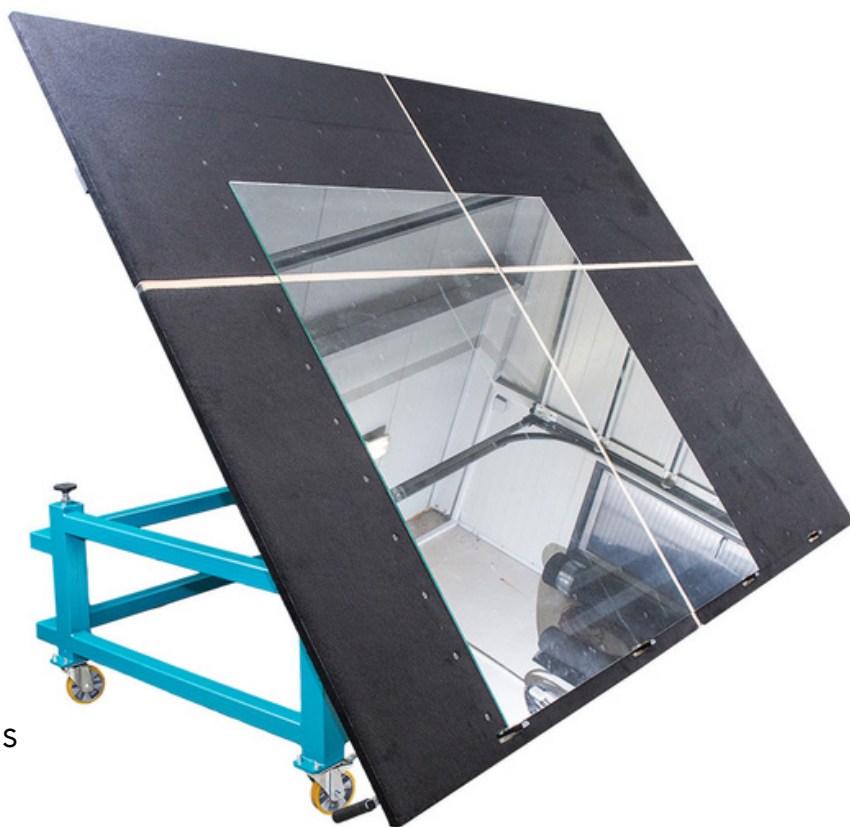


SIDE STOP POINTS

HYDRAULIC GLASS CUTTING TABLE **FUL4**

Features

- > Max. glass thickness 10/15mm
- > Two types of dimensions
- > Manual or pneumatic breaking laths

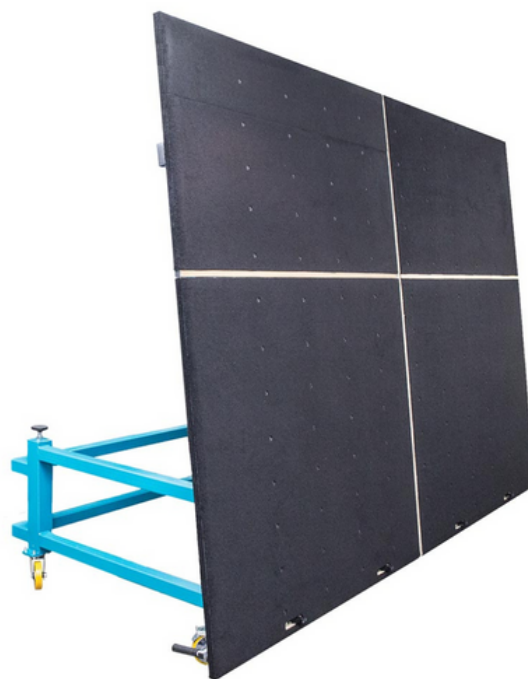


About

- > A hydraulic, tilting glass cutting table is the ideal machine for serially cutting flat glass.
- > Tilting of table is performed hydraulically with adjustable tilt angle using the control panel.
- > A simple movement of the lever will slide out the support pads for loading sheet glass. The glass can be easily moved on the table using an air ventilator, which can be activated by stepping on the pedal.
- > The table is equipped with transverse and longitudinal laths, which are used for breaking glass cut.
- > We can provide the table with dimensions and load capacity according to customer demands.

Technical information

Motor	3x380 V / 1,1 kW
Working height of table	950mm
Max. weight	3 - 20mm
Width of working table	2200mm
Length of working table	2800mm



REVOLVING WHEELS 4PCS + CONSOLE

Custom dimensions

Depends on customer demands, we are able to manufacture the table with custom dimensions.

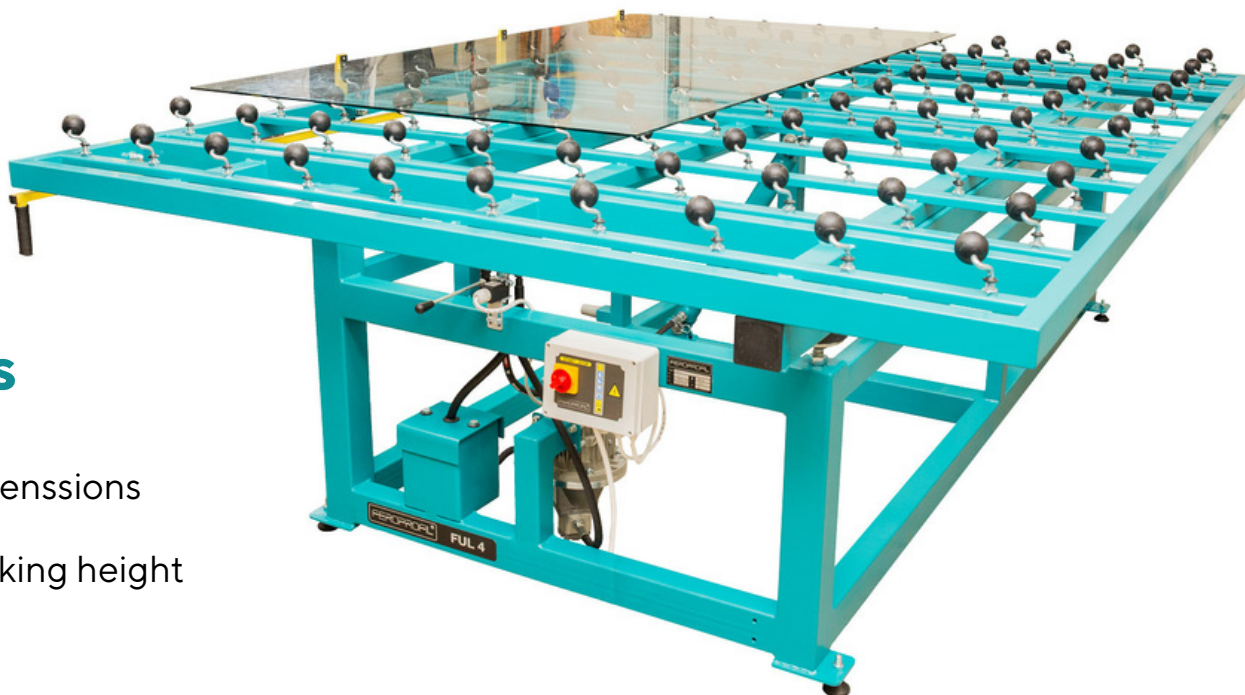
Stronger air cushion

We are also able to manufacture the table with a stronger air cushion for use with glass thicknesses up to 15mm.



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GLASS TILTING TABLE ROL4



Features

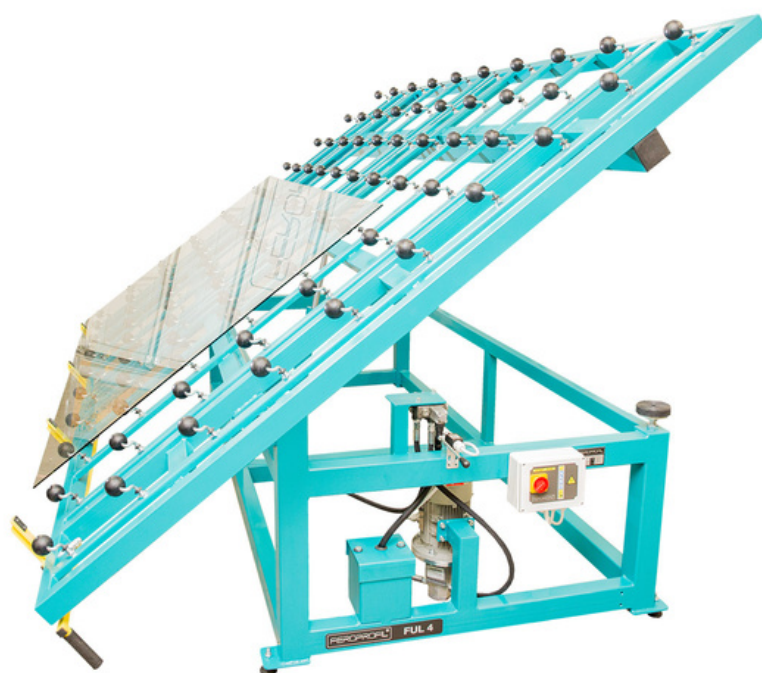
- > Custom dimensions
- > Custom working height

About

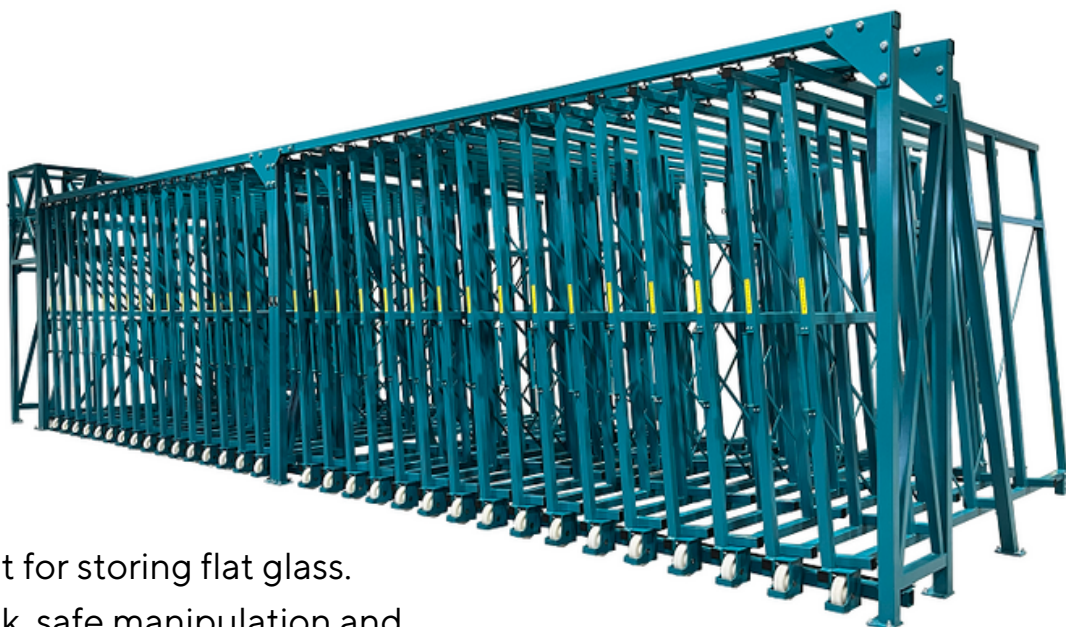
- > Hydraulic, tilting glass cutting table is ideal machine for serial processing of flat glass before finishing processes.
- > Tilting of the table is performed hydraulically with an adjustable tilt angle using the control panel.
- > A simple movement of the lever will slide out the support pads for loading sheet glass. The ball castors conveyor facilitates the easy movement of sheet glass.
- > Designed for use in production lines (washing machines, edging machines, drilling machines).
- > We are able to manufacture tables of different sizes and colors according to customer demands and RAL standards.

Technical information

Motor	3x380 V / 1,1 kW
Working height of the table	950mm
Max. weight	3 - 20mm
Width of working table	2200mm
Length of working table	2800mm



GLASS STOCK RACK RAM

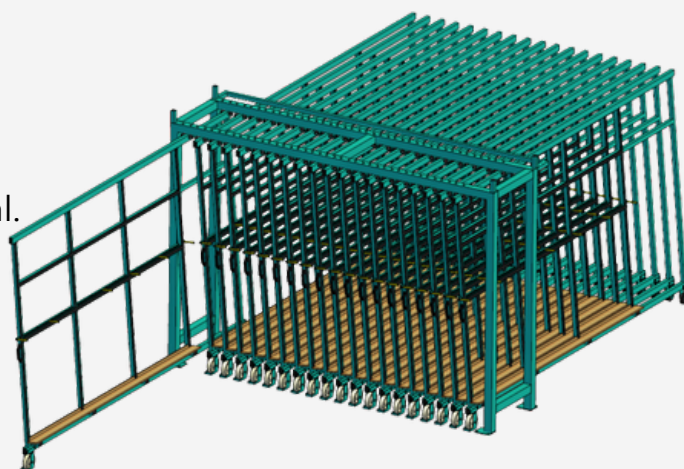


Features

- > Glass stock rack are great for storing flat glass.
- > These racks provide quick, safe manipulation and maximize the effectiveness of the used space.
- > Operation with each rack is manual.
- > We can provide racks with custom dimensions and load capacity to fit your space perfectly, depending on customer demands.

Customization

- > We are ready to provide you with maximum customization according to your needs. We will send you a visualization with our proposal.



Installation

- > We can offer installation of this system by our workers, or you can assemble and install it yourselves following the instruction manual.

GLASS TROLLEYS

Features

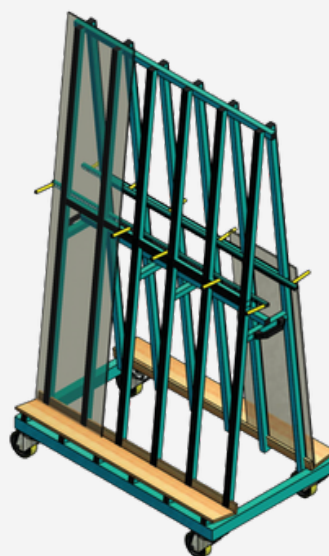
- > Designed for the movement of glass sheets, including end-cup sizes.
- > Custom dimensions
- > Custom specifications
- > Visualization on demand



GLASS STANDS

Features

- > Designed for the movement of glass sheets, including end-cup sizes
- > Custom dimensions
- > Custom specifications
- > Visualization on demand



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