



Architectural Glass

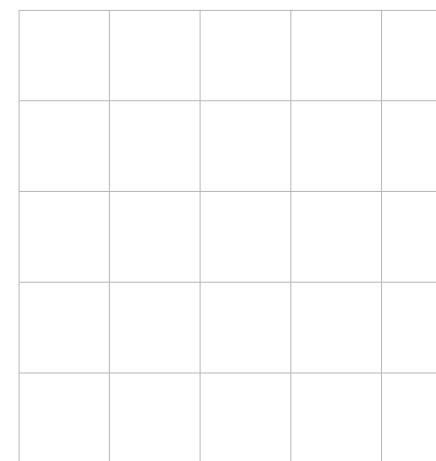
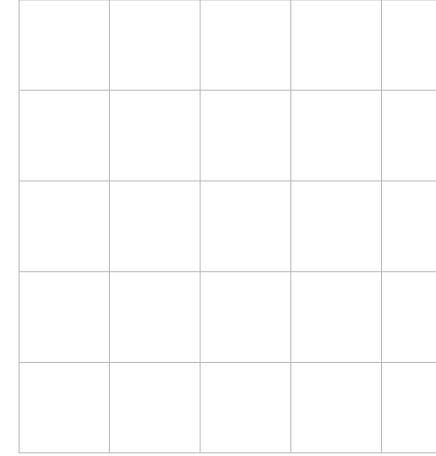
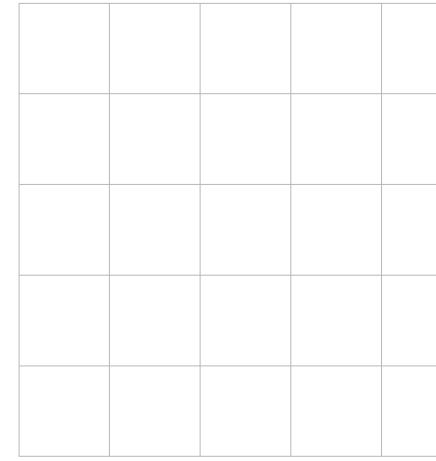
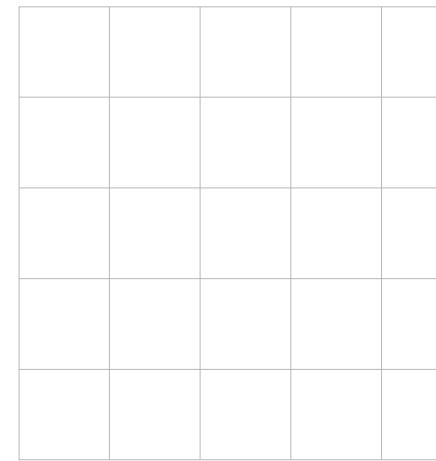


Machines and systems
for glass processing



**PARTNER
FOR**

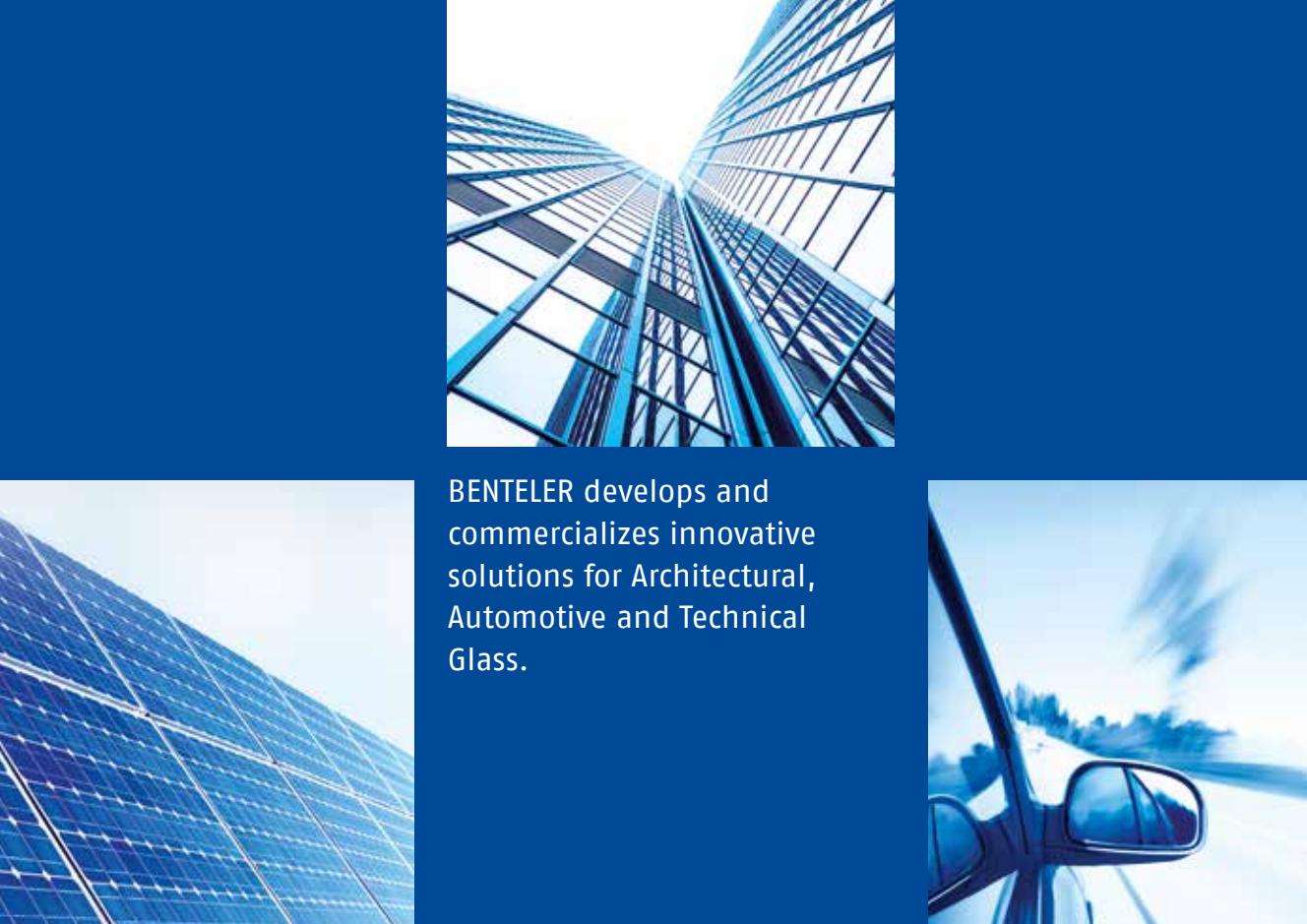
**PERFECT
GLASS**



PERFECT GLASS IS WHAT DRIVES US AND HAS BEEN OUR MOTIVATION FOR MORE THAN 60 YEARS.

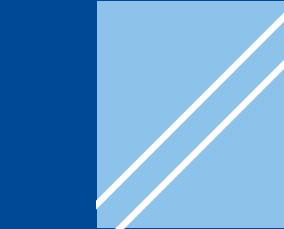
ON YOUR SIDE

We support our customers worldwide with innovative solutions and services as partners on an equal level.

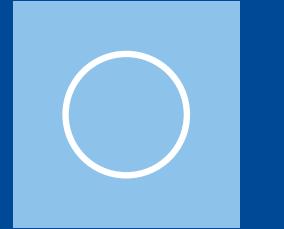
BENTELER
makes it happen

BENTELER develops and commercializes innovative solutions for Architectural, Automotive and Technical Glass.

GRINDING



DRILLING



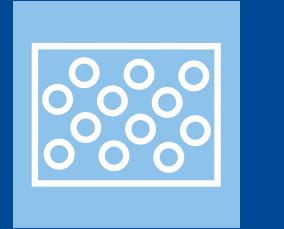
WASHING



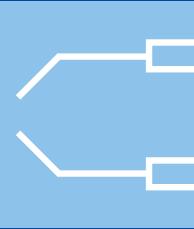
LAMINATING



PRINTING



HANDLING



QUALITY

We have a high performance claim. For ourselves, for our machines and for our services. Our experience and conscientiousness form the basis for the highest quality.

FLEXIBILITY

We focus on your specific requirements to ensure that we supply you with machines that are exactly what you need. Your requirements set the standard from which we develop our solutions.

EFFICIENCY

We are right behind you in your pursuit of technical progress and optimal processes. Our machines and services will allow you to increase productivity rates and achieve sustainable cost reductions.

"After successfully implementing the laminated glass range, we didn't even think about looking for a different supplier for the new double-sided grinding machine. BENTELER proved to be a reliable and flexible partner for the second project, too."

Matthieu van den Ingh, CURA Glass



TECHNICAL DATA

Glass size: max. 3,300 × 20,000 mm
Glass thickness: 3 – 21 mm
Width adjustment speed: 30 m/min
Operating speed: max. 15 m/min

tecGrinder

SHORT SET-UP TIMES, HIGH LEVEL PROCESSING SAFETY

The BENTELER cup-wheel grinding machines can be set up quickly due to fast width and glass thickness adjustment features. We provide the best solution with flexibility, processing safety and consistent high-quality for straight-cut seamed edges. Processing times during production can be significantly reduced by linking a BENTELER grinding machine with a BENTELER washing machine.



ADVANTAGES

Extreme precision

- ▶ Up to 14 stations per side for grinding and polishing the edge and seam
- ▶ Automatic side and angle alignment
- ▶ Stable machine frame and durable components

Flexibility

- ▶ Automatic adjustment of glass thickness
- ▶ Fast and precise width adjustment with a fully automatic brace

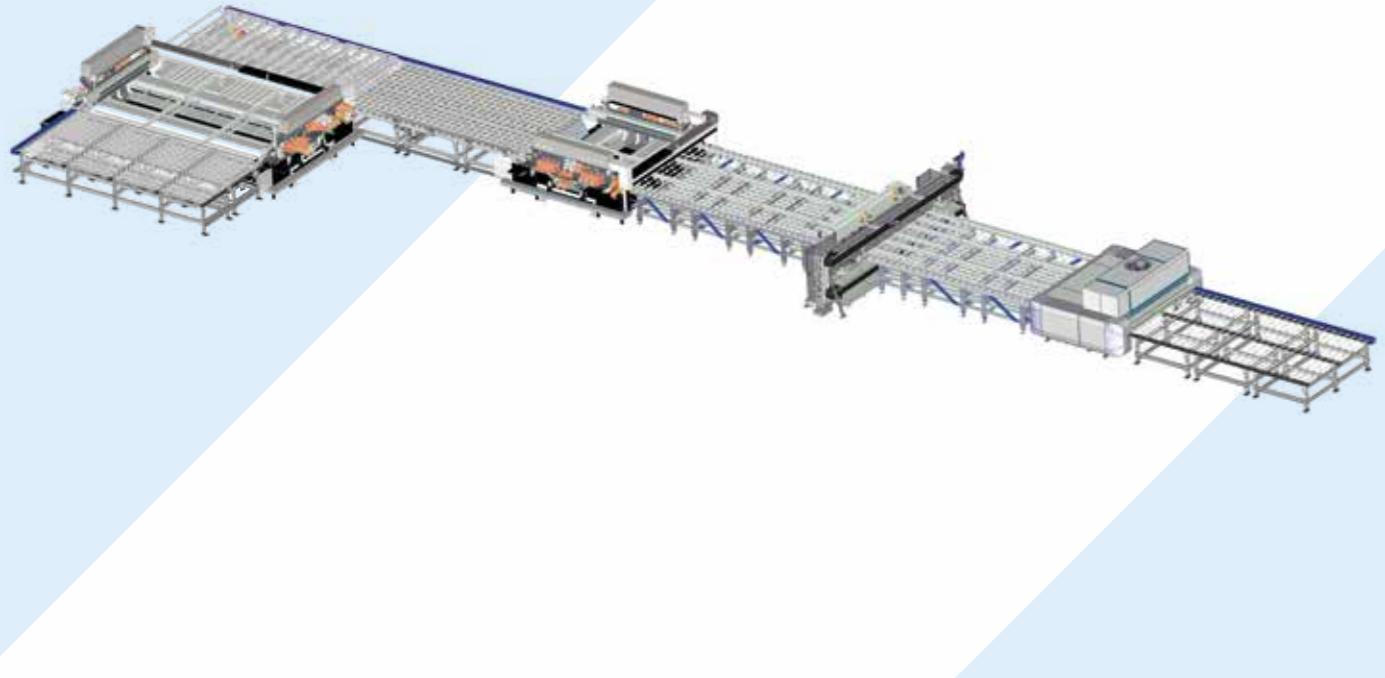
Processing safety

- ▶ Completely encapsulated high-performance grinding and polishing spindle
- ▶ The latest machine control
- ▶ Easy operation and menu navigation
- ▶ Operating costs evaluation using an integrated operational data recording system

Output

- ▶ High operating speed
- ▶ Linking corners with acceleration lines





MACHINING LINE WITH DRILLING SYSTEM

SHORT PROCESSING TIMES, TIME-OPTIMISED PROCEDURES

BENTELER is one of the largest providers of complex machining lines all available from one source. This includes linking grinding, drilling and washing machines to comprise a complete machining range in order to avoid handling during production and to reduce glass processing times.



ADVANTAGES

- ▶ Complete lines from just one source
- ▶ Optimised process sequences
- ▶ Uncomplicated interfaces between the machines
- ▶ Higher level production control for the entire system
- ▶ The use of the same components in the linked machines allows for a straightforward spare parts inventory and low maintenance costs

TECHNICAL DATA

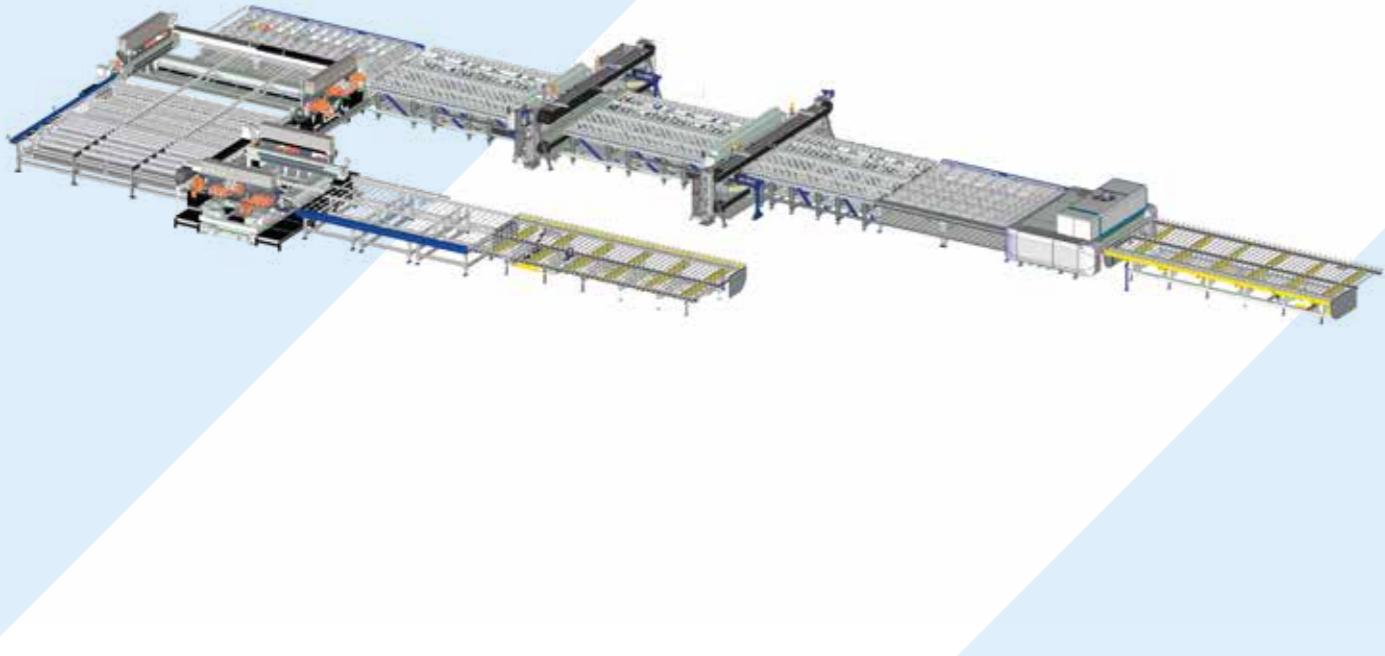
Glass size: max. 3,300 x 20,000 mm

Glass thickness: 3 – 21 mm

Width adjustment speed: 30 m/min

Operating speed: max. 10 m/min





MACHINING LINE WITH DOUBLE DRILLING SYSTEM

HIGH OUTPUT, OPTIMISED PROCESSES

The best line performance with the greatest flexibility can be achieved by combining a grinding line with two drilling machines that work independently of each other.

Automatically arranging the products on the two drilling machines allows you to make optimal use of the unused capabilities in the grinding process, among other things.



TECHNICAL DATA

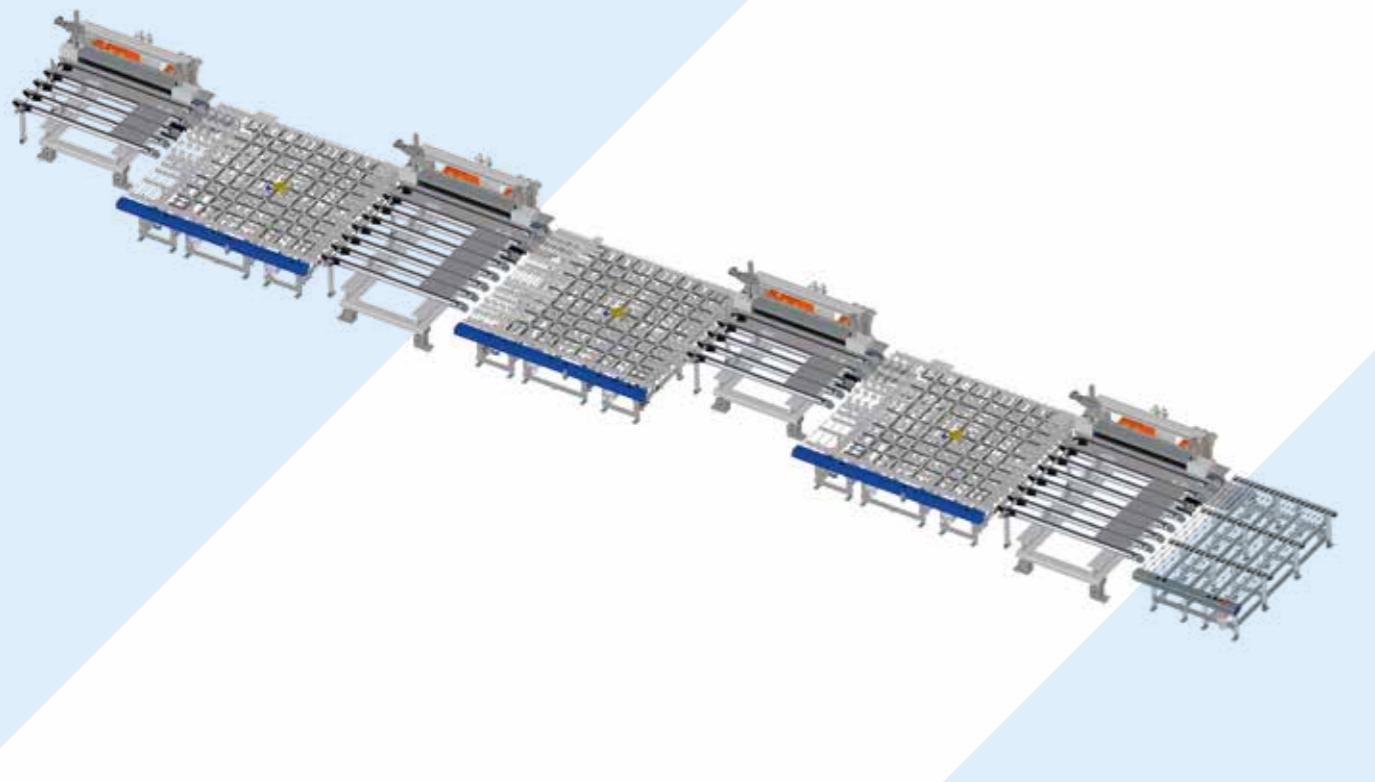
Glass size: max. 3,300 × 20,000 mm
Glass thickness: 3 – 21 mm
Width adjustment speed: 30 m/min
Operating speed: max. 10 m/min



ADVANTAGES

- ▶ Common shower doors on the market can be made in < 99 secs.
- ▶ Tool changer with 10, 20 or 40 tool pairs
- ▶ High-precision milling spindle
- ▶ Water jet cutting unit





TECHNICAL DATA

Glass size: max. 2,000 × 3,500 mm
Glass thickness: 3 – 12 mm
Operating speed: max. 10 m/min

ONE-SIDE GRINDING LINE

NO SET-UP TIME, SHORT PROCESSING TIMES



With the One-Side Grinding Machine, BENTELER offers you a machine that you can use to work on glass of all different widths and shapes one after the other. And all this without set-up times, wasted journeys or adjustment times when changing the format.



ADVANTAGES

Extreme precision

- ▶ Automated from loading to unloading
- ▶ Automatically aligned for dimensional and edge precision
- ▶ Consistently high-quality edging as with a double-sided grinding machine

Flexibility

- ▶ Up to 11 individual tool stations plus rounded corners possible
- ▶ Producing a broad range of different types in succession
- ▶ Can also work on glass that doesn't have 90° corners
- ▶ Grind, seam and polish in one process

Extremely economical

- ▶ No set-up times, avoids wasted journeys and adjustment time
- ▶ Completely encapsulated high-performance grinding spindle with a long service life
- ▶ Work on all 4 corners in one cycle

Easy to use

- ▶ Easy operation due to automatic operations
- ▶ Straightforward maintenance due to easy accessibility to the machine



TECHNICAL DATA

Glass size: max. 3,000 × 3,000 mm

Glass thickness: 1.3 – 8 mm

Operating speed: max. 20 m/min

Width adjustment speed: 30 m/min

EQUALLY PRODUCTIVE AND PRECISE:

Even with high quantities, you achieve a consistently high degree of dimensional accuracy during processing.

PENCIL-EDGE GRINDING MACHINE

LOW VIBRATION, DIMENSIONAL ACCURACY

The BENTELER standard Pencil-Edge Grinding Machine impresses with its safe processing that produces precise and fast results. The extremely robust design allows the system to run 24/7 and proves itself to be particularly economical. An additional vacuum frame transport system for coated panes is also available.



ADVANTAGES

Extreme precision

- ▶ Good grinding results even with rough glass tolerances
- ▶ Low-vibration glass processing due to a machine frame and components that are designed to be particularly stable
- ▶ Dimensional accuracy of the ground panes due to precise and fast width adjustment with a fully automatic brace

Flexibility

- ▶ Up to 5 grinding/polishing spindles per side
- ▶ Flexible design with a wide application area
- ▶ Optional automatic adjustment of glass thickness

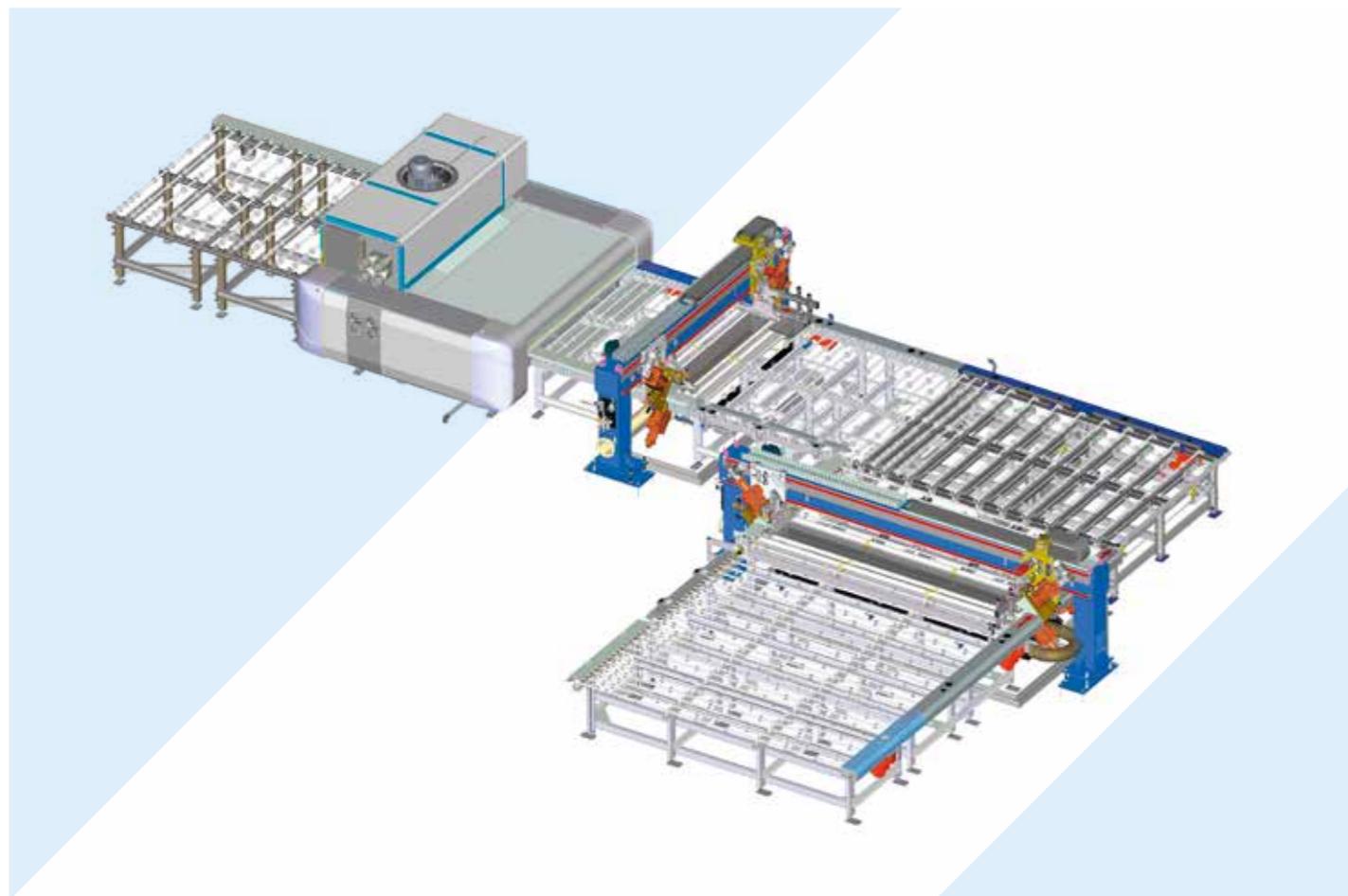


Processing safety

- ▶ Completely encapsulated high-precision grinding spindles for durability in damp and abrasive environments

Easy to use

- ▶ Automatic side and angle alignment to avoid burners and unground glass surfaces
- ▶ A synchronous motor for the transport and pressure frames per spindle holder to meticulously transport glass and change the frames quickly
- ▶ Easy access with tools



TECHNICAL DATA

Glass size: max. 2,500 x 4,500 mm

Glass thickness: 2 – 12 mm

Width adjustment speed: 60 m/min

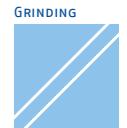
Operating speed: max. 24 m/min



SEAMING LINE

SHORT CYCLE TIMES, HIGH-PRECISION SEAMING

Our seaming units really stand out with their ability to achieve the fastest cycle times with minimal wear to the parts. Our machine design unties maximum durability of the grinding tools, maximum throughput and high-precision seaming. This is particularly relevant for tempered glass manufacturing.



ADVANTAGES

Extreme precision

- ▶ Grinding spindles with linear adjustable rotor for placing seams
- ▶ Even and precise edges

Flexibility

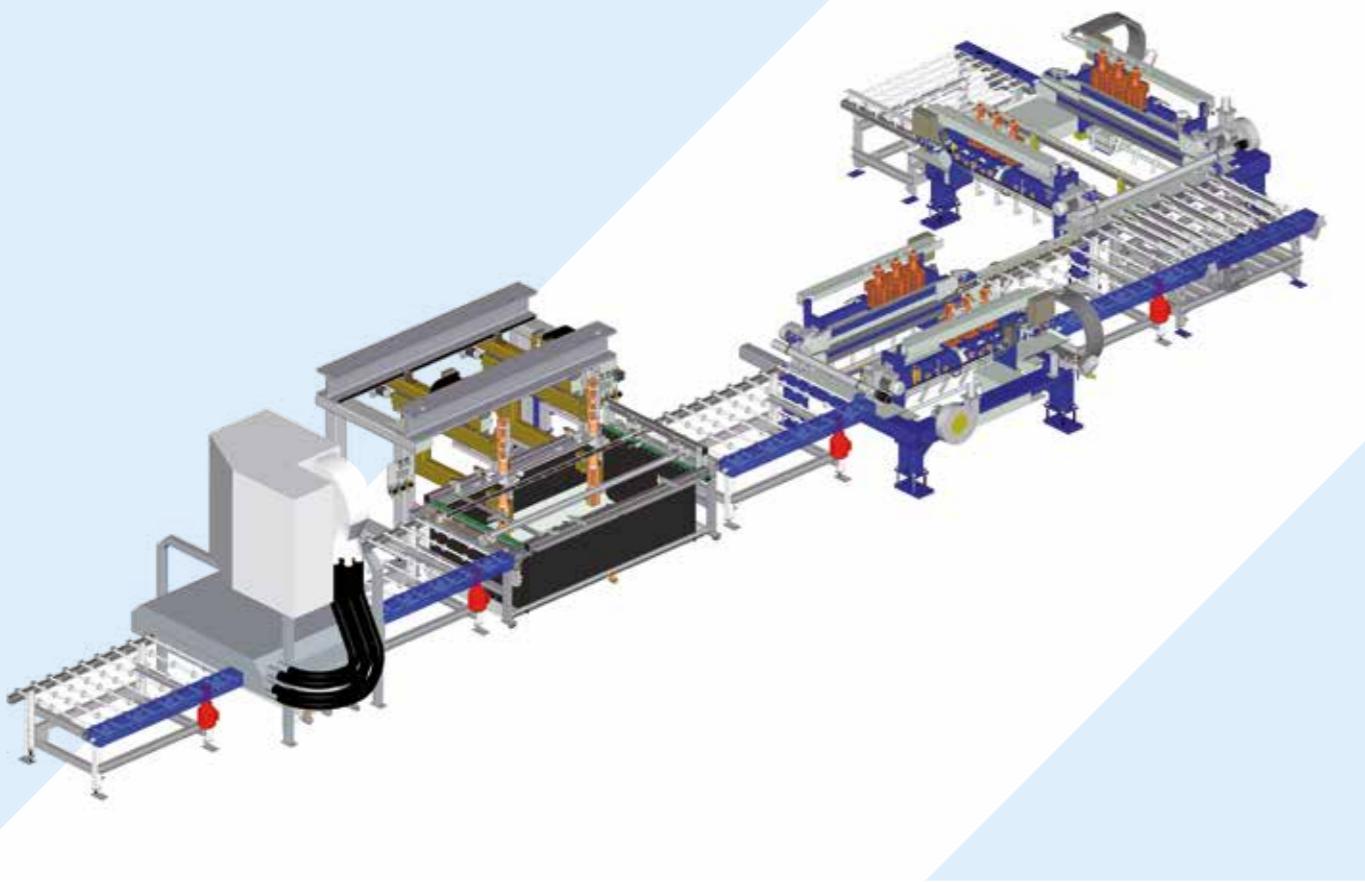
- ▶ Compact design
- ▶ Short set-up times
- ▶ Option to connect a water filter system

Processing safety

- ▶ High durability due to seaming with cup wheels
- ▶ Effective suction fans
- ▶ The wet area is completely encapsulated
- ▶ Glass is almost dry after seaming due to cooling water suction

Easy to use

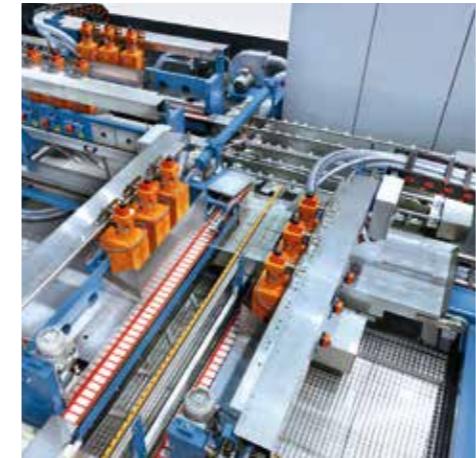
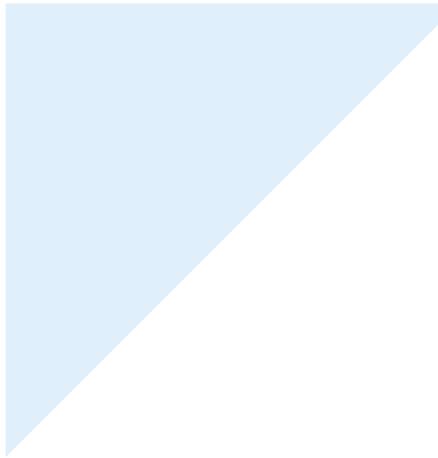
- ▶ Fast and precise width adjustment 60 m/min
- ▶ Set seams simply and precisely



MACHINING LINE FOR FURNITURE, GLASS AND WHITE GOODS

VARYING NUMBER OF SPINDLES, HIGH MACHINING QUALITY

A highly efficient machining line can be achieved by combining the Pencil-Edge Grinding Line or the CNC Processing Centre with the Multi-Spindle Drill and Washing Machine. Whether it's with shuttle transport or with roller and belt transport: the range can be easily adjusted to meet each customer's needs. The number of drilling spindles in the multi-spindle bore machine can be designed in such a way that the cycle times do not increase.



ADVANTAGES

- ▶ Complete lines from just one source
- ▶ Varying number of spindles for the grinding line and drilling machine
- ▶ The Multi-Spindle Drill Machine with cut-out processing can also be fitted with water jet cutting units
- ▶ Maximum durability and high-quality machining
- ▶ Washing Machines are also available with an ultrasonic cleaning feature for optimal cleaning results for glass

TECHNICAL DATA

Glass size: max. 900 (1,800) – 3,300 mm

Glass thickness: 3 – 12 mm

Grinding speed: max. 20 m/min





TECHNICAL DATA

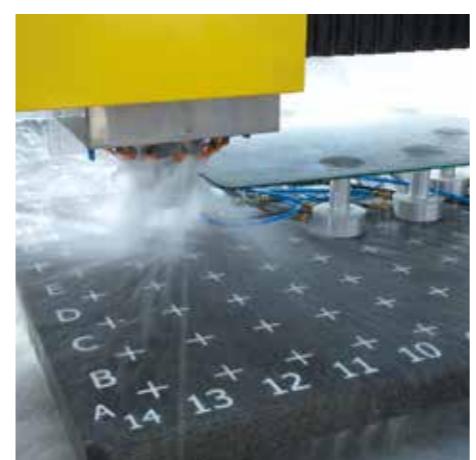
Glass size: max. 3,300 x 20,000 mm

Grinding and milling rotational speed: 12,000 rpm

Milling speed: max. 2 m/min

Processing speed: max. 20 m/min

Drill diameter: 4 – 70 mm



CNC PROCESSING CENTRE

MAXIMUM FLEXIBILITY, STRAIGHTFORWARD GLASS HANDLING



With the CNC Processing Centre, BENTELER offers new possibilities for the production of special glass in the area of glass processing. Processing in this cycle considerably simplifies the otherwise difficult handling of large sized pieces as well as simplifying the cumbersome and time-consuming set-up. The machine is versatile due to the various working widths.



ADVANTAGES

Extreme precision

- ▶ Laser measurement technology guarantees precise positioning
- ▶ Automatic tool sharpening ensures consistently good edging quality
- ▶ Optimal drilling results due to simultaneous drilling from above and below

Flexibility

- ▶ No limitations related to the positioning of the drilling holes
- ▶ BENTELER Interface Management retrieves the CNC program's operational data directly from production planning

Processing safety

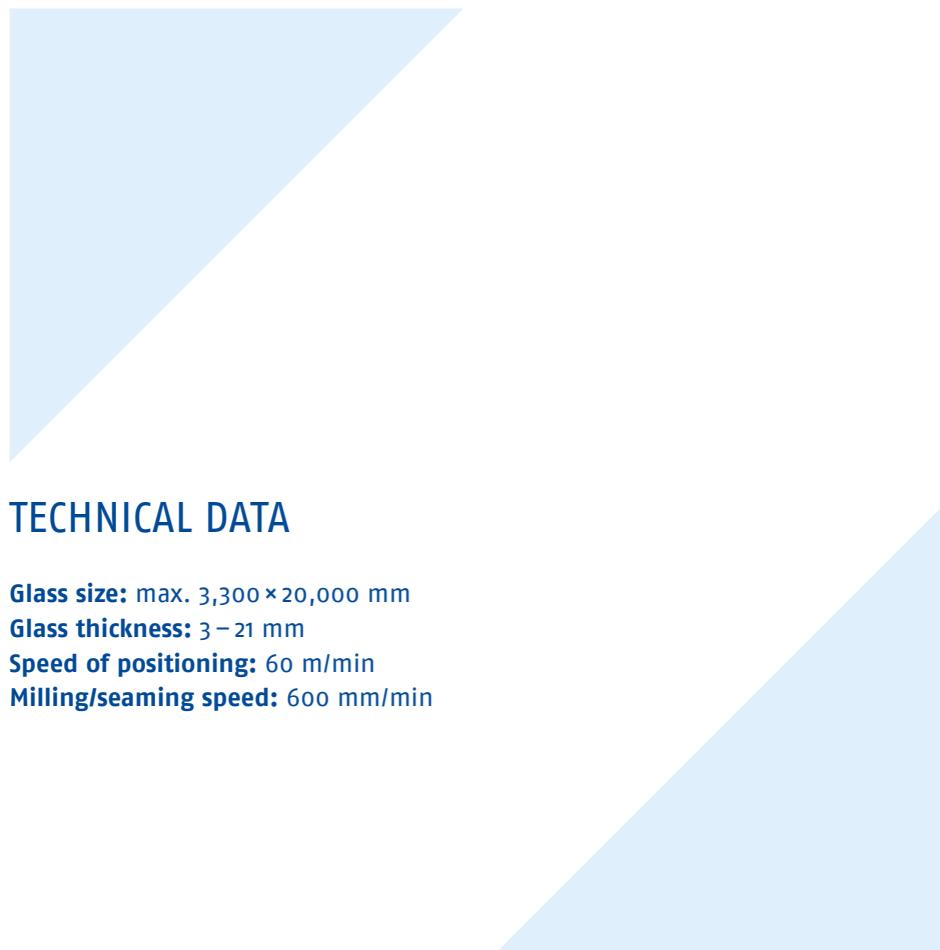
- ▶ Complete processing of the highest quality for sheet glass: grinding, polishing, milling and drilling on one machine saves time and ensures the quality of the product
- ▶ Durability and minimal service costs due to easy access and the use of high-quality machine components

Easy to use

- ▶ Simplified glass handling thanks to the machines constantly running
- ▶ Secure hold on glass due to suction cup area

Versions

- ▶ 3 axes
- ▶ 5 axes



TECHNICAL DATA

Glass size: max. 3,300 x 20,000 mm

Glass thickness: 3 – 21 mm

Speed of positioning: 60 m/min

Milling/seaming speed: 600 mm/min



tecDriller

EASY OPERATION, EXTREMELY SAFE PROCESSING

The BENTELER Portal Drilling Machine is ideal for any kind of hole pattern and typical milling works either for single-piece production or for batch production. Other characteristics of the machine include its extremely safe processing as well its easy operation.



ADVANTAGES

Extreme precision

- ▶ CNC-controlled drilling coordination setting
- ▶ Automatic measuring and calibrating system

Flexibility

- ▶ Two independent drilling spindle units
- ▶ High-performance milling spindle with 10,000 rpm
- ▶ Tool changer for 10, 20, 40 tool pairs

Processing safety

- ▶ Completely encapsulated drilling spindle
- ▶ Separate milling spindle unit
- ▶ Modern CNC controlling
- ▶ Excellent integration into machining lines

Easy to use

- ▶ Easy input of the drilling and milling coordinates
- ▶ Automatic drill and countersink program
- ▶ Program input for ongoing production
- ▶ Integration into customer-specific software



WATER JET CUTTING

SHORT CYCLE TIMES, HIGH PRECISION

With this option, inner and outer cuts can be done in a short cycle time and with high precision. The additional milling/seaming spindle can improve the edge quality and be used to seam the cut-outs.



TECHNICAL DATA

Glass size: max. 3,300 × 20,000 mm
Glass size: max. 250 × 450 mm
Operating speed: max. 15 m/min

ADVANTAGES

- ▶ Variable cutting contours, not limited by tools
- ▶ Compared to conventional milling machines: process factor 2.0
- ▶ Automatic glass waste disposal of standard cut-outs
- ▶ Also suitable for laminated glass processing
- ▶ Water curtain to protect surrounding machine components
- ▶ Abrasive sand is extracted in a controlled manner
- ▶ Energy from the beam is absorbed
- ▶ Targeted water flow in separate tanks
- ▶ High-quality edging
- ▶ Seaming spindle for seaming/finishing





TECHNICAL DATA

Glass size: max. 1,300 x 2,300 mm

Repeatability of the drilling line: +/- 0.02 mm

Speed of positioning: 40 m/min

Number of spindle pairs per machine: 1-7



MULTISPINDLE DRILLING MACHINE

HIGH REPEATABILITY, MINIMAL SET-UP TIME

The BENTELER Multispindle Drilling Machine is a fast and reliable solution for safe processing of your drilling needs. The drilling system can be fitted with up to seven spindle pairs. As an option, the system can be equipped with CNC-controlled axes. These guarantee high repeatability with minimal set-up time offering an economical and versatile solution. All drilling machines can be linked with other machines using a shuttle system.



ADVANTAGES

Extreme precision

- ▶ The machine frame and components have a particularly stable design for low-vibration drilling with high precision and repeatability

Flexibility

- ▶ Simple integration of additional drilling spindles in the machine frame

Processing safety

- ▶ Automatic sharpening of tools
- ▶ Patented BENTELER drilling spindle with loaded compressed air to seal for durability in damp and abrasive environments
- ▶ Optional high-speed water suction system for drills without process water on the glass surface and to protect the delicate glass surface

Easy to use

- ▶ Optional CNC-controlled process in X, Y, and Z directions with an automatic measuring and calibrating system to precisely position the drill in a fully automatic manner
- ▶ Automatic tool change with minimal increase in the cycle time

Variations with

- ▶ Drilling table that can be loaded manually
- ▶ Transfer drilling table



TECHNICAL DATA

Glass size: max. 1,600 x 2,600 mm

Glass thickness: max. 0.5 mm

Screen size: max. 2,150 x 3,350 mm

Cycle time: 9 secs.

Repeatability: +/- 0.1 mm

HIGH EFFICIENCY

Smooth integration, a wide range of automation functions as well as high failure safety in the three-shift operation pay off.



SCREEN PRINTING MACHINE

EXTENSIVE AUTOMATION, EXTREMELY PRECISE

The BENTELER Screen Printing Machine is designed for use 24/7. The system ensures high availability and large output due to its high level of automation. The screen printing system can be integrated into the machining line without any interface. It can also be used as a stand-alone solution. The BENTELER screen printing techniques ensure high quality, productivity as well as precision.

ADVANTAGES

Maximum ease of use

- ▶ Extendable screen frame
- ▶ Positioning remains the same

Minimal set-up time

- ▶ Alignment aided by a laser system
- ▶ Formulation memory for up to 500 models
- ▶ Only one person required for changeover

Extreme precision

- ▶ More accurately positioned and reproducible glass transport
- ▶ Screen positioning correction possible by fine-tuning the screen
- ▶ Precision: +/- 1 mm





TECHNICAL DATA

Working width: 600 x 1,600 mm

Glass thickness: 1.5 – 21 mm

Glass dimension: min. 50 x 80 mm

Operating speed: 3 – 13 m/min



tecWasher compact

COMPACT DESIGN, EASY TO USE



The BENTELER tecWasher compact is a high-quality, inexpensive washing machine for small glass sizes.

ADVANTAGES

The best washing and drying quality

- ▶ Spray zones from above and below
- ▶ Two or three washing sets with tube brushes
- ▶ Tank with pump and heating for each washing set
- ▶ Anti-drip drying due to two pairs of drying nozzles

Flexibility

- ▶ Motorised adjustment of glass thickness
- ▶ Transport speed can be regulated continuously
- ▶ Very low minimal glass dimension

Low dimensions

- ▶ Extremely compact design
- ▶ Fan arrangement above the machine

Low operating costs

- ▶ Water-saving cascade system
- ▶ Maintenance-free and durable components

Easy to use

- ▶ Tank can be pulled out
- ▶ All tank connections have quick-release couplings
- ▶ All components can be accessed easily
- ▶ Filter can be changed quickly



TECHNICAL DATA

Working width: 2,000 × 3,300 mm
Glass thickness: 1.5 – 21 mm
Operating speed: 3 – 13 m/min
Glass length: min. 280/350 mm
Glass width: min. 175 mm



tecWasher

MODULAR DESIGN, LOW OPERATING COSTS

The tecWasher series is a standardised, modular design for all glass formats. An inexpensive alternative to customised washing machines.



ADVANTAGES

The best washing and drying quality

- ▶ Spray zones from above and below
- ▶ Two or three washing sets with tube brushes
- ▶ Tank with pump and heating for each washing set
- ▶ Anti-drip drying due to two pairs of drying nozzles

Flexibility

- ▶ Motorised adjustment of glass thickness
- ▶ Transport speed can be regulated continuously
- ▶ Small glass dimension possible

Low dimensions

- ▶ Compact and modular design
- ▶ Ventilator and switch cabinet directly integrated into the machine

Low operating costs

- ▶ Compressed air unnecessary
- ▶ Water-saving cascade system
- ▶ Maintenance-free components
- ▶ Energy-saving design

Easy to use

- ▶ Each tank can be pulled out
- ▶ All tank connections have quick-release couplings
- ▶ All components can be accessed easily
- ▶ Filter can be changed quickly

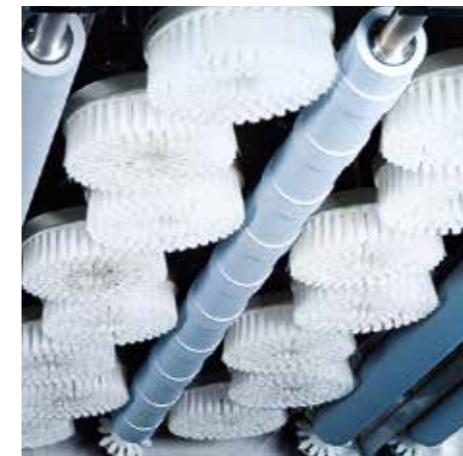


EACH OF OUR HIGH-QUALITY SYSTEMS IS PRECISELY TAILORED TO YOUR PROCESSING REQUIREMENTS.



TECHNICAL DATA

Working width: 800 x 3,600 mm
Glass thickness: 0.7–21 mm
Operating speed: 3–25 m/min
Glass length: min. 280/350 mm
Glass width: min. 175 mm



ADVANTAGES

The best washing and drying quality

- ▶ Spray zones from above and below with up to 10 bar
- ▶ Customised number of washing sets
- ▶ Tank with pump and heating for each washing set
- ▶ Oscillating polishing and brush plate stations remove dirt and oxide coatings
- ▶ Effective separation of polishing and cleaning zones
- ▶ Innovative drying process with high-performance filters

Flexibility

- ▶ Adjustment to the line control
- ▶ Automatic glass thickness measuring systems
- ▶ Modular system

Low operating costs

- ▶ Low-maintenance construction
- ▶ Standardised components used
- ▶ Intelligent adapted water flow

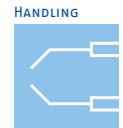
Easy to use

- ▶ Each tank can be pulled out
- ▶ All tank connections have quick-release couplings
- ▶ All components can be accessed easily



HANDLING SYSTEMS

MAXIMUM FLEXIBILITY, FAST AVAILABILITY



With the BENTELER Gantry Stacker, horizontal or vertical glass panes can automatically be stacked and unstacked. Even very large sizes can be transported easily. The carriers have an extremely robust, rigid and torsion-resistant base frame. The result is extremely precise positioning as well as a process free of vibrations even at high speeds and with heavy glass. When used together with our revolving table, glass can be fed almost without any interruptions even while changing the frame. Loading and unloading of horizontal or vertical glass panes can also be performed by robots. This is particularly relevant when complex movement procedures are necessary. We typically use 6-axis industrial robots from various manufacturers.



ADVANTAGES

Quality

- ▶ 6-axis robots for fast and recurring tasks
- ▶ Gantry stacker for fast and repeatable handling of glass

Flexibility

- ▶ Solutions for all areas of application
- ▶ Travelling gantry stackers

Efficiency

- ▶ Low cycle times
- ▶ Non-stop, consistent work processes



LAMINATED GLASS LINES

BENTELER provides the right solutions for every requirement regarding laminated glass. From a manual to fully automatic line for all common laminating film (PVB, EVA, SentryGlass® (by DuPont)). Due to the many years of experience and continued development of our laminated glass range, we can now offer you a state-of-the-art range that is energy-efficient with a proven quality.



ADVANTAGES

tecLami Line

- ▶ Standardised line with expansion options

Fixed-size systems

- ▶ Solutions customised to our customers' needs

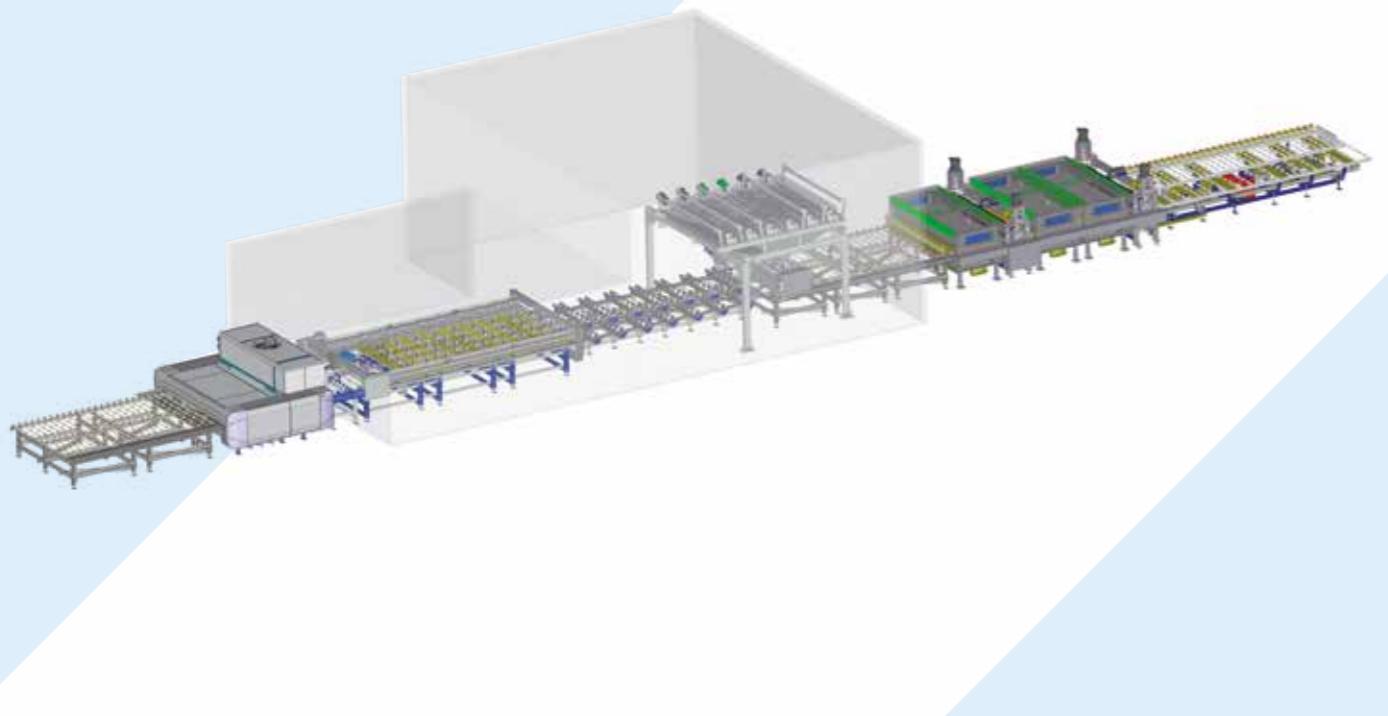
Automatic fixed-size systems

- ▶ Optimised for automatic and versatile semi-automatic production with high output

Jumbo Laminating Line

- ▶ Customised for fully automated laminated glass production for standardised DLF and PLF sizes





TECHNICAL DATA

Glass size: max. 2,800 × 6,000 mm
Glass thickness: 3 – 19 mm
Laminate size: max. 60 mm
Cycle time: min. 90 secs.
Film storage: 4 – 8 rolls



tecLami Line

STANDARDISED SYSTEM, EFFICIENT PRODUCTION



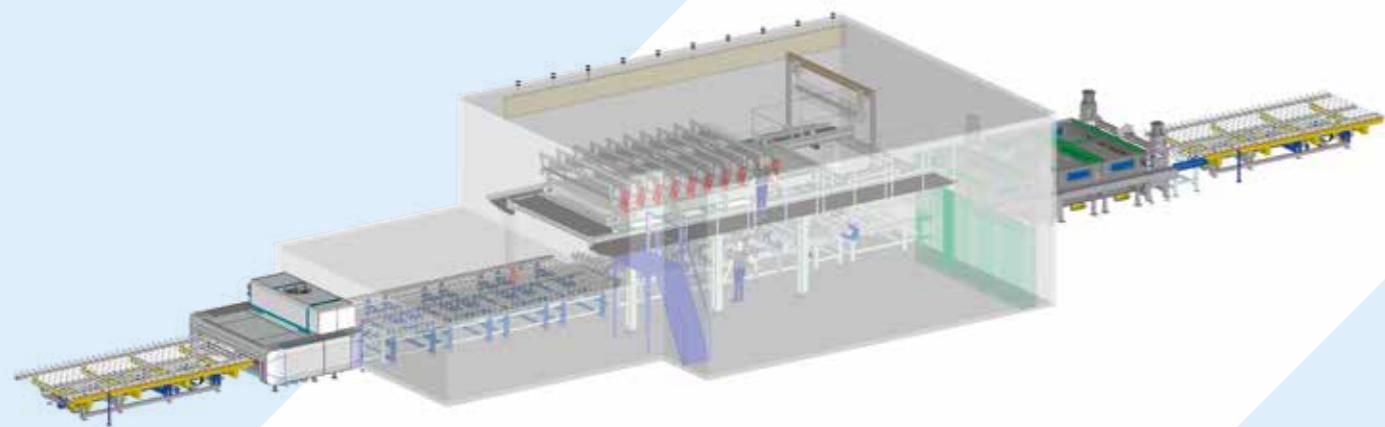
The tecLami Line is a standardised line that is equipped with a high-quality washing machine and the same oven technology as our Custom Size Laminating Line or our Jumbo Laminating Line. The oven uses very little energy and is suited to the production of all known laminated glass products. This range contains all the important components for the laminating process. However, it can be set up at any time.



ADVANTAGES

- Extreme precision**
 - ▶ Rigorous glass cleaning
- Flexibility**
 - ▶ For numerous films
- Processing safety**
 - ▶ With the reliable BENTELER formulation control
- Easy to use**
 - ▶ Easy menu navigation





TECHNICAL DATA

Glass size: max. 3,300 x 20,000 mm

Glass thickness: 3 – 19 mm

Laminating thickness: max. 100 mm

Cycle time: 60 – 90 secs.

Film storage: 10 or 20 rolls



AUTOMATIC FIXED-SIZE SYSTEMS*

HIGH OUTPUT, FLEXIBLE PRODUCTION

The Automatic Fixed-Size System has the highest possible output of laminating products for PVB, EVA or SentryGlass® (by DuPont). BENTELER offers the line with various programs, such as automatic PVB placement and trimming or manual placement with automatic trimming. For this reason, you always have the possibility to use the best program for fast and cost-effective production.



ADVANTAGES

Extreme precision

- ▶ Precise glass positioning
- ▶ Automatic PVB placement and trimming

Flexibility

- ▶ Manual processing and semi and fully automatic processing

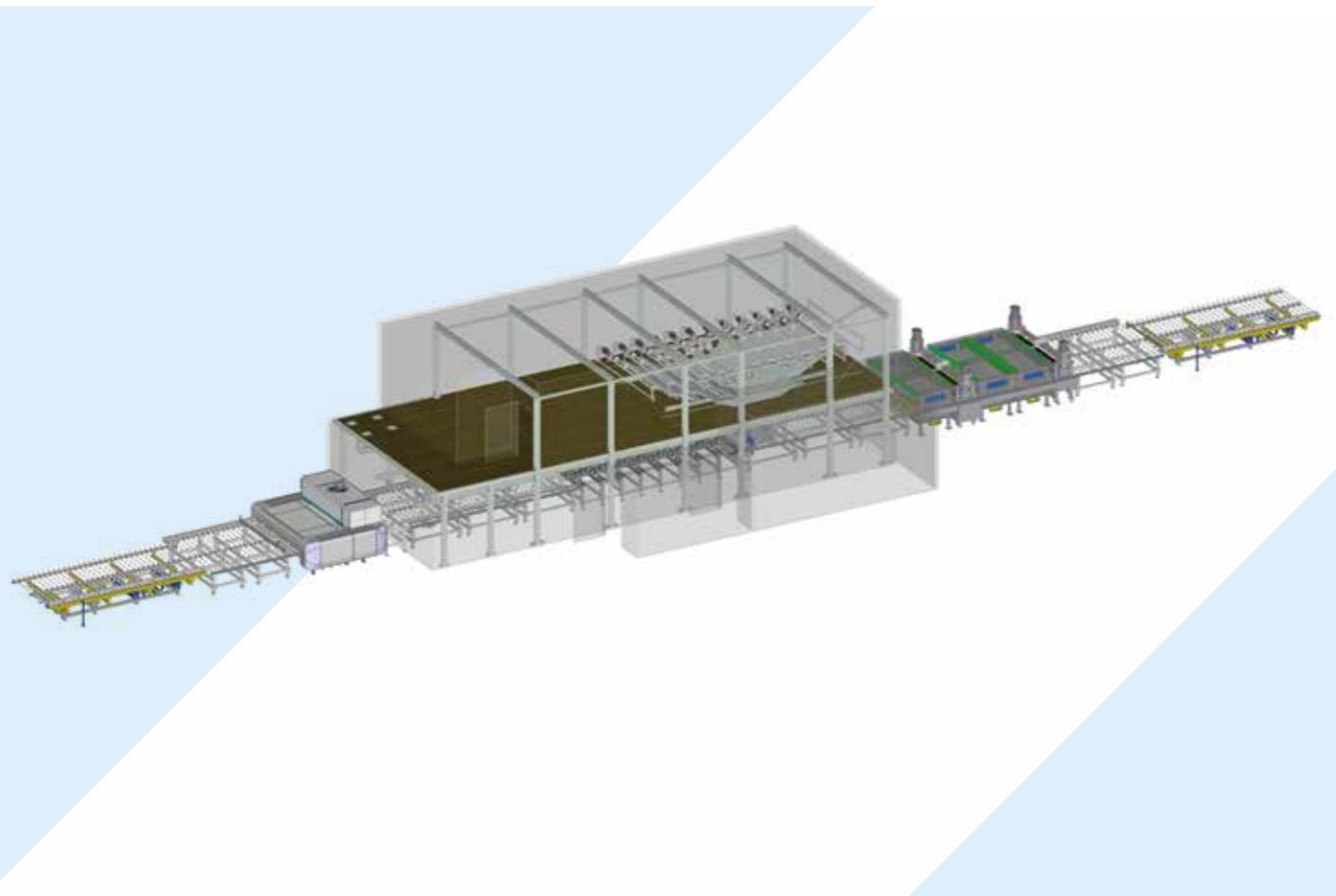
Processing safety

- ▶ Proven pre-laminating oven technology

Easy to use

- ▶ User-friendly due to a Siemens touch panel

* only for interlaying film



TECHNICAL DATA

Glass size: max. 3,300 x 9,000 mm

Glass thickness: 3 – 19 mm

Laminating size: max. 100 mm

Cycle time: 60 – 90 secs.

Film storage: 8 – 24 rolls



FIXED-SIZE SYSTEMS

HIGH OUTPUT, FLEXIBLE PRODUCTION



The Fixed-Size System can be adjusted according to the customer's needs, e.g. with the functions of automated film placement and trimming. The PVB film storage is installed in the first tier with the possibility to work on cooled and interlaying PVB film. The film storage can be built for up to 24 rolls with a separate steel construction. This steel construction is also used as a space for merging and storing.

ADVANTAGES

High precision

- ▶ Automated glass merging

Flexibility

- ▶ Through the use of numerous films

Processing safety

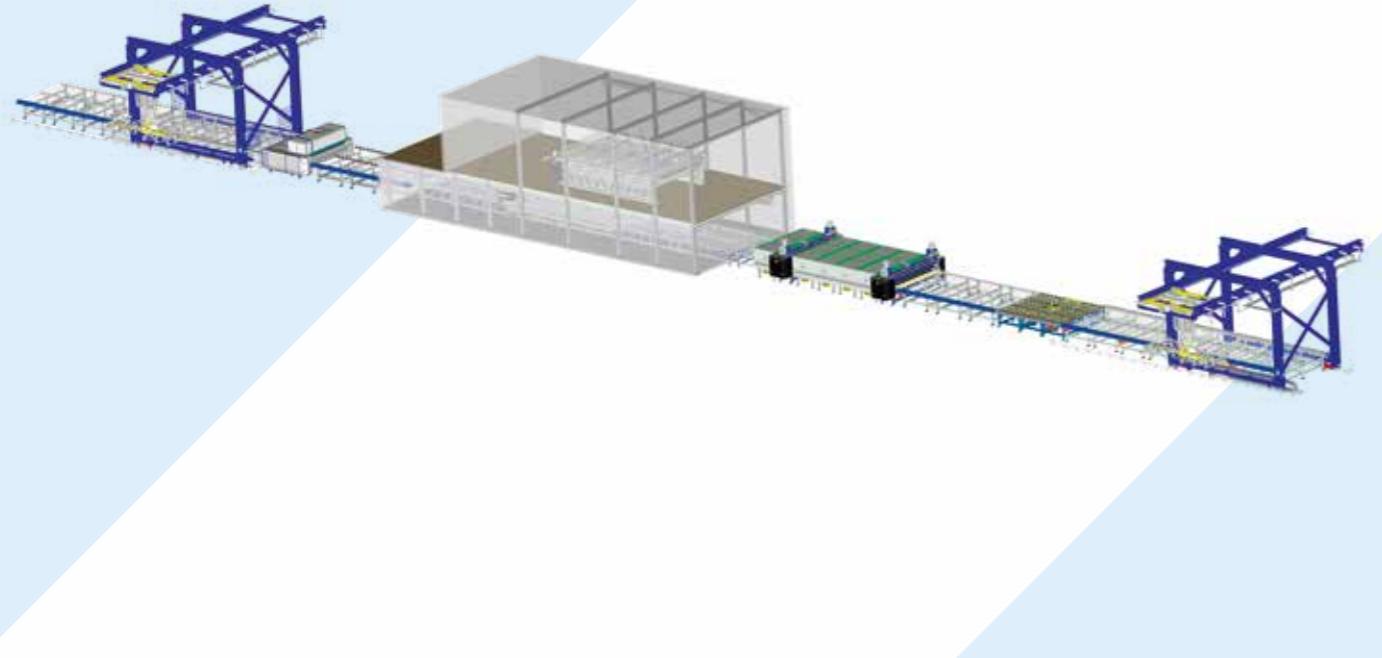
- ▶ In the press and during the pre-laminating process

Easy to use

- ▶ With automated PVB handling and rear edge cutting unit



Turnkey solution with autoclave possible upon request



JUMBO LAMINATING LINE

SHORT CYCLE TIME, AUTOMATED PRODUCTION



The Jumbo Laminating Line is designed for fully automatic operations. The line promises optimal results with a cycle time of 45 seconds. All production stages are automated, from loading the coated glass to the unloading and fitting spacers. We can also offer you solutions for an air-conditioned cleaning room, film storage, autoclaves and glass racks.

TECHNICAL DATA

Glass size: max. 3,300 – 6,000 mm

Glass thickness: 12 mm

Laminating thickness: max. 30 mm

Cycle time: min. 45 secs.

Film storage: 4 – 6 jumbo rolls



ADVANTAGES

High precision

- ▶ Automatic PVB placement and trimming

Flexibility

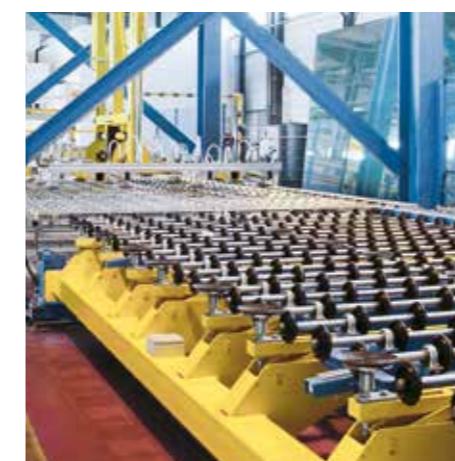
- ▶ For jumbo and divided jumbo formats

Processing safety

- ▶ With placing the PVB film, also with several rolls of film

Easy to use

- ▶ Glass handling after to the autoclave process
- ▶ Autoclave loading and unloading systems



OUR SERVICE

PLANNING, DEVELOPMENT AND MAINTENANCE

BENTELER will accompany you with a fast and flexible service through each stage of your project: We will plan your new system, which will leave our premises as a turnkey solution ready for you to use. We take responsibility for the development stages to allow for a smooth commissioning process. We are there for you over the entire life cycle of your system, i. e. we will be there for you right from the initial use of your system and we will always ensure the availability of all spare parts.



OUR SPECIALISTS ARE AVAILABLE FOR YOU WORLDWIDE.



BENTELER GROUP

140-YEAR SUCCESS STORY



About BENTELER

BENTELER is a leading global company that develops, produces and sells products, systems and services for the automotive, energy and engineering sectors. We are a family-owned firm now in the fourth generation. Our 30,000 employees at 153 locations in 40 countries are passionate about excellence in manufacturing and distribution – in close proximity and collaboration with our customers. Sales in 2016 amounted to 7,423 Million Euros. The three Business Divisions BENTELER Automotive, BENTELER Steel/Tube and BENTELER Distribution are organized under the strategic management holding company BENTELER International AG in Salzburg, Austria. With our technological expertise and strong focus on successful implementation, we develop solutions that make the difference – for customers, employees and society. And we make them happen.

BENTELER. The family of driven professionals. Since 1876.
www.benteler.com



Intelligent designs
and machines for:

Architectural Glass
Automotive Glass
Technical Glass

About BENTELER Glass Processing Equipment

BENTELER Glass Processing Equipment develops and implements glass processing in the fields of architecture, automotive as well as technical glasses. With more than 3,000 successfully delivered machines in more than 50 countries, we support our customers with innovative solutions and as partner on eye level.

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