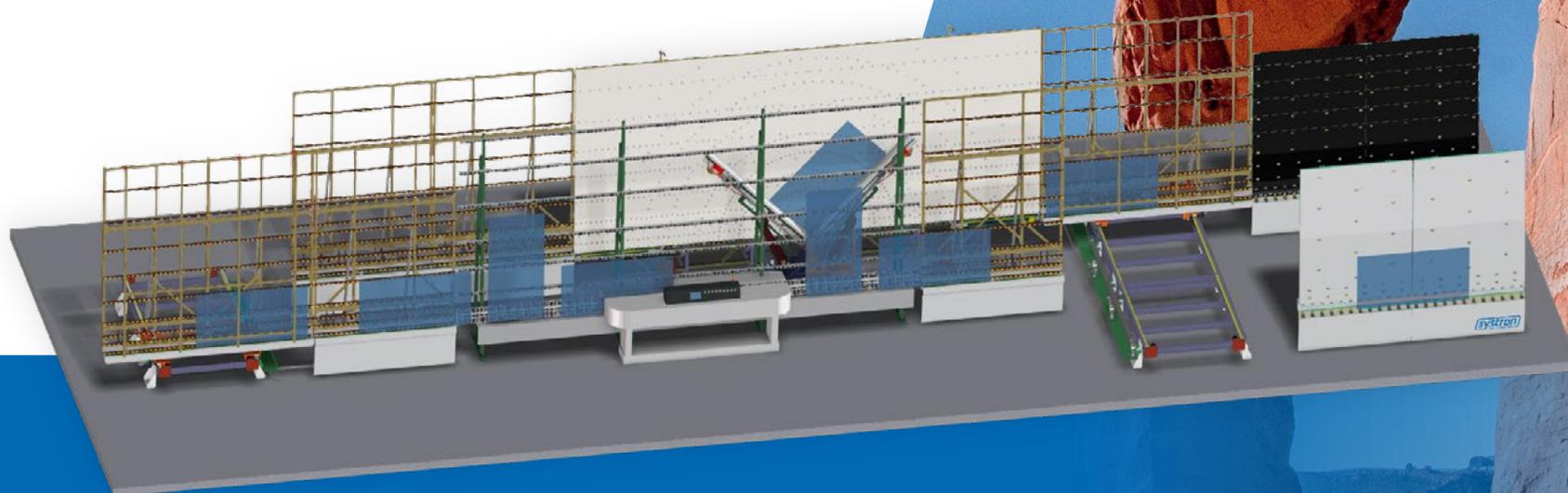




Vertical Edge Processing

with Cup Wheels



systemron LOOP

Edge Processing

with the systron LOOP system

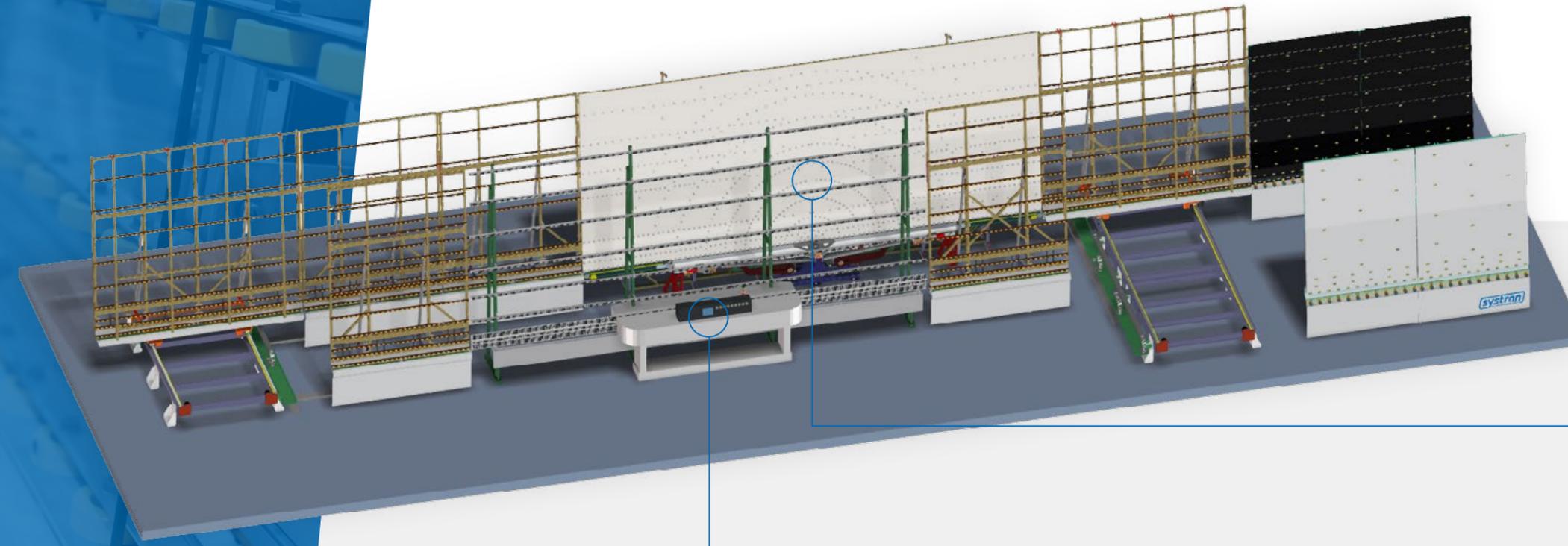
The **systron LOOP** vertical edging system was specially developed for the requirements of the glass industry. The glass passes through four rounds on the straight-line edger by automatically rotating 90° each pass. Grinding and polishing are carried out with 11 spindles with **cup wheels**. Even large and heavy special shapes can be processed very **efficiently using very little floor space** with the systron LOOP.

In order to be able to manufacture **dimensionally accurate and angularly precise** products with internal machining, the combination with the **systron proHD glass processing centre** is recommended. The two systems can also be operated independently of each other.

- Premium straight-line edging machine with 11 spindles
- Servo-controlled spindle feed
- Corner dubbing by a circumferential tool
- Integrated bottom edge washing machine

systron introduces new standards

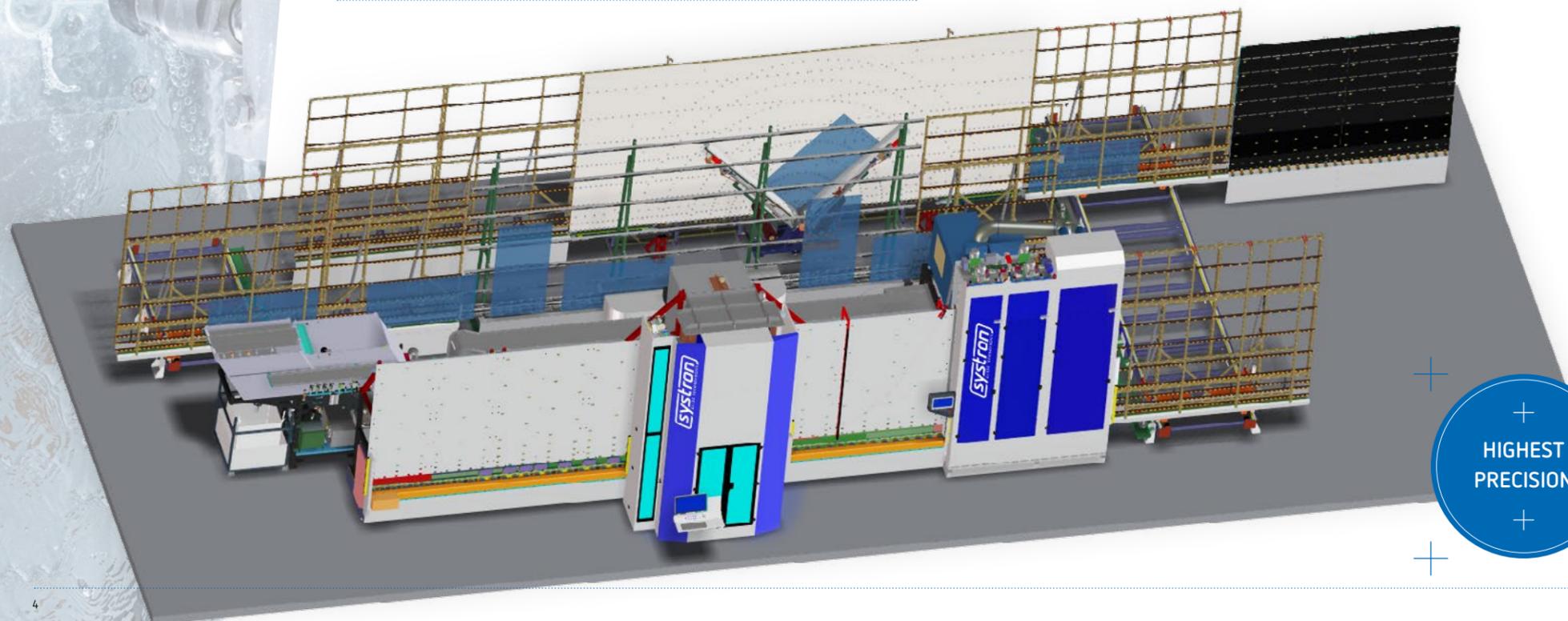
- + Machining of straight special shapes with cup wheel polishing
- + No set-up times for different glass dimensions
- + Simple and reliable transport system
- + High polishing quality due to constant, servo-controlled polishing pressure regulation
- + Easily adaptable to the available space thanks to the modular design
- + Flexible and strong turning unit for large and heavy special shapes



LOOP proHD Combo

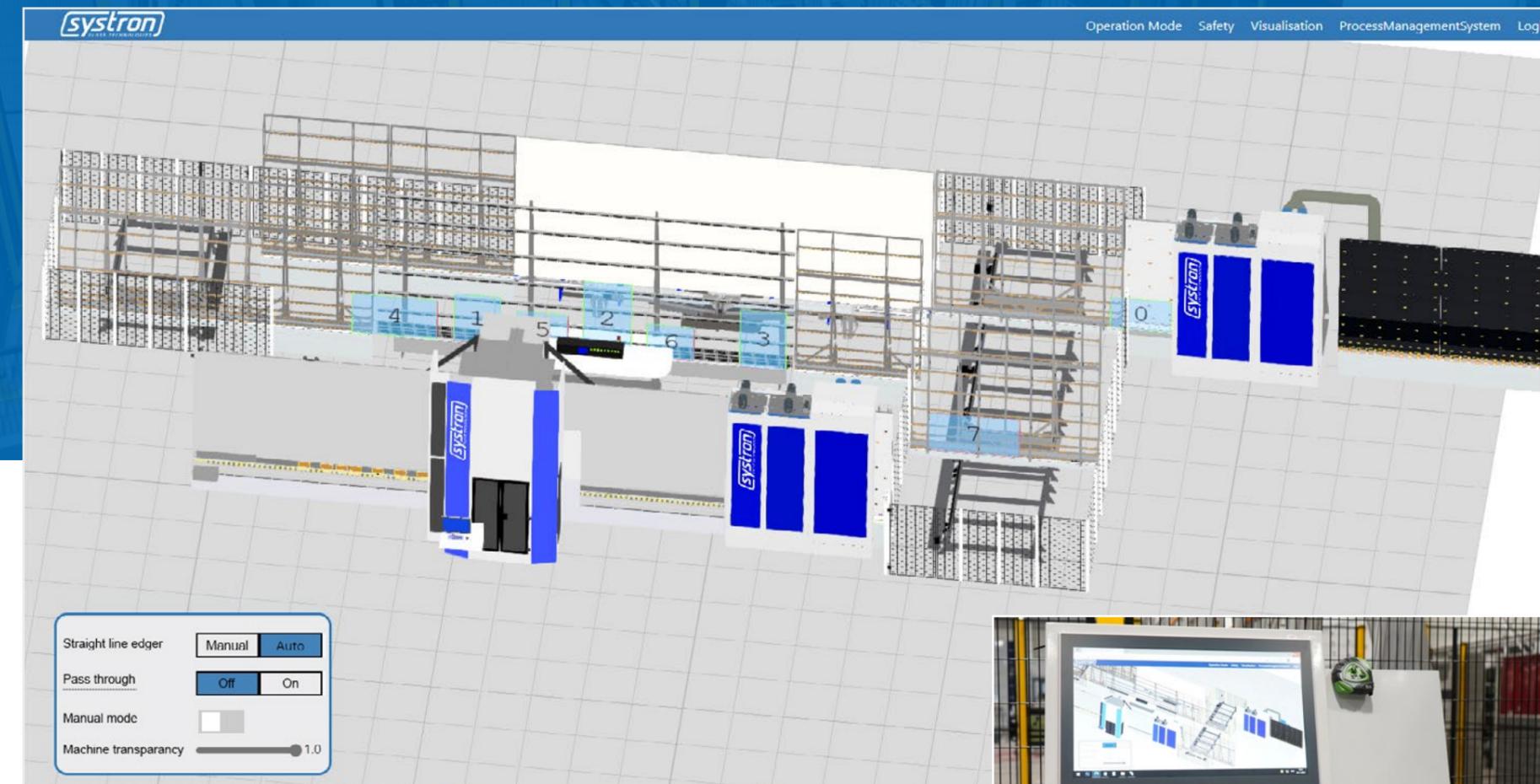
true to size & angle

- + [Pre-grinding true to size and internal machining of any kind](#)
- + [Very short cycle times with small batch sizes](#)
- + [High dimensional and angular accuracy, even with straight special shapes](#)
- + [Vertical, space-saving design](#)
- + [Possibility of machining complex CNC glass with proHD \(bypass\)](#)



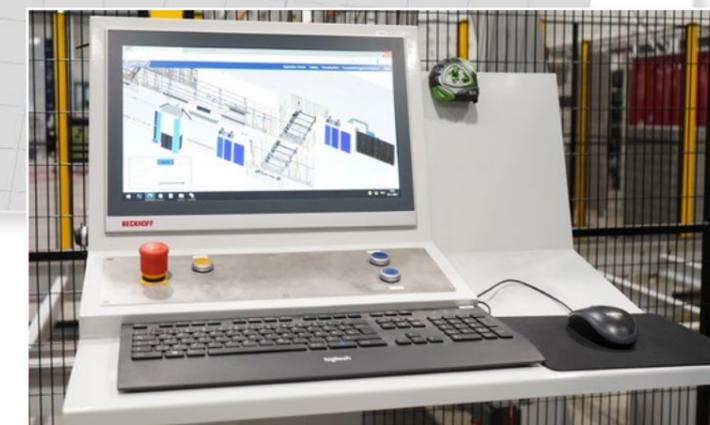
+
+
HIGHEST
PRECISION
+

Digital Twin: From Virtuality To Reality



The intuitive machine software is clearly displayed on a multi-touch panel. A new operating concept allows fast and accurate axis positioning in manual mode.

An exact reflection by means of a digital twin with the real time view on the operator terminal enables easy operation and overview.

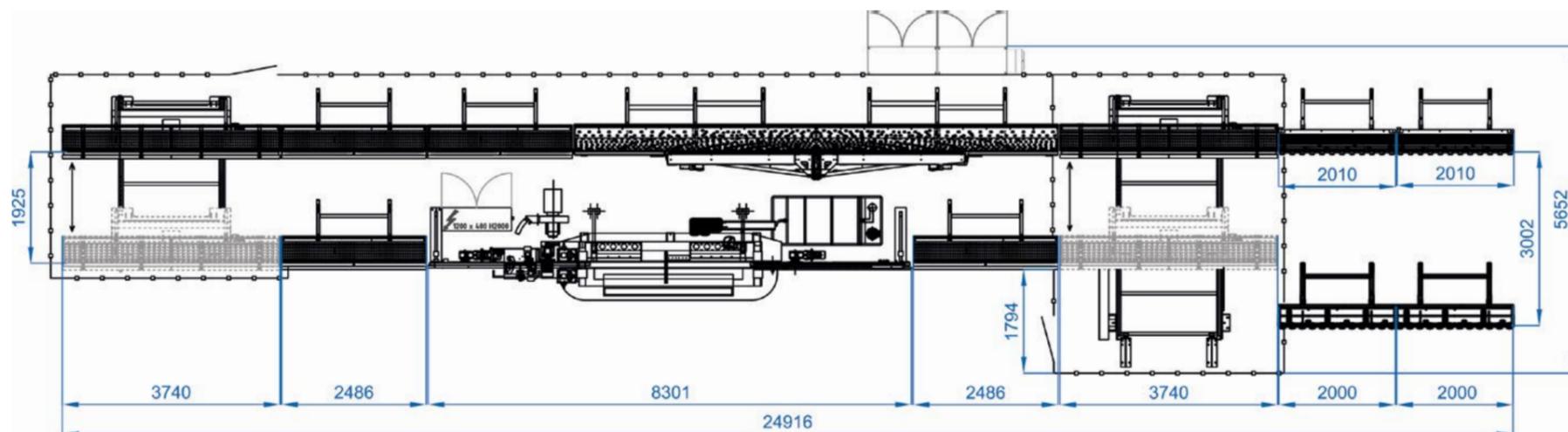


Technical data Single LOOP

General technical data LOOP 3535

Max. glass size	mm	3500 x 3500
Min. glass size	mm	300 x 300
Max. sheet weight	kg/lfm	250
Max. total weight	kg	600
Glass thickness	mm	3 – 20
Glass transport height	mm	780
Sheet inclination	degrees	6°

Max. grinding speed	m/min.	3-5
Automatic central lubrication		<input checked="" type="checkbox"/>
Automatic corner dubbing		<input checked="" type="checkbox"/>
Length/side ratio		1:8
Special shapes		up to 30° (60°)
Tolerances		from cut
Removal	mm	0-3

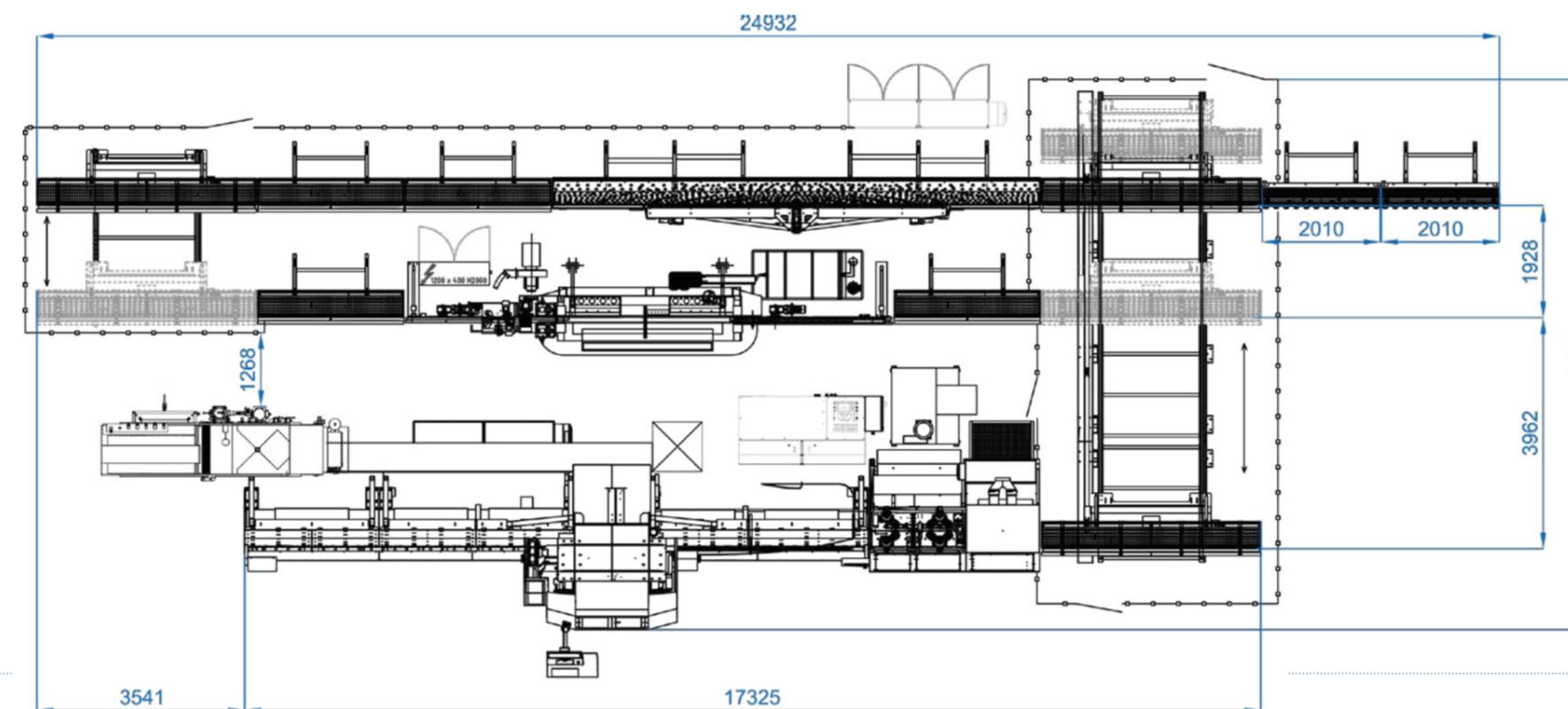


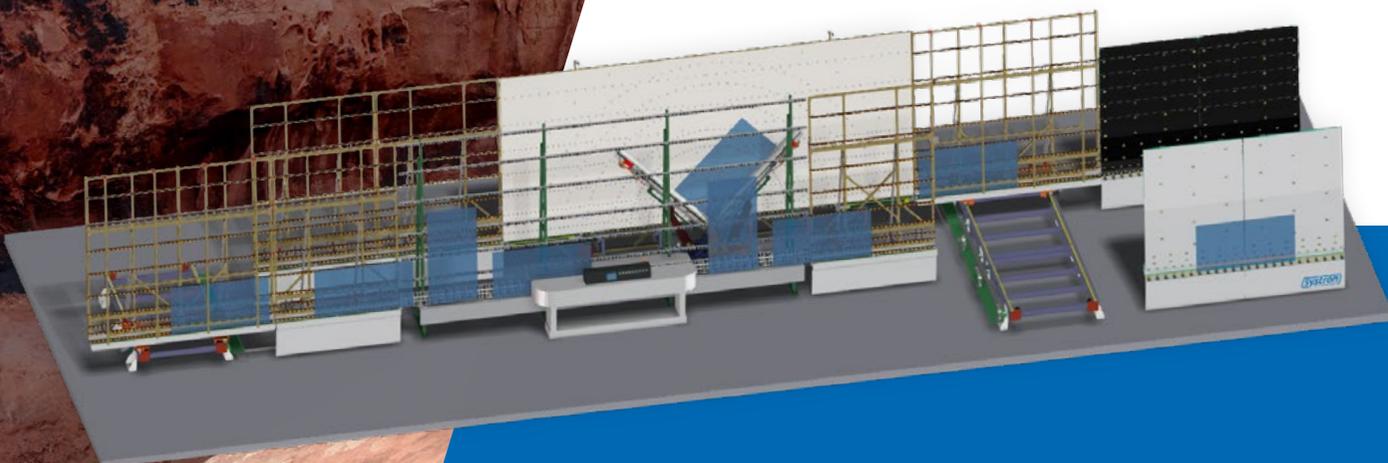
Technical data Combo LOOP proHD

General technical data LOOP 3535 & proHD 3533

Max. glass size	mm	3500 x 3300
Min. glass size	mm	600 x 300
Max. sheet weight	kg/lfm	250
Max. total weight	kg	480
Glass thickness	mm	3 – 20
Glass transport height	mm	780
Sheet inclination	degrees	6°

Max. grinding speed	m/min.	3-5
Automatic central lubrication		<input checked="" type="checkbox"/>
Automatic corner dubbing		<input checked="" type="checkbox"/>
Length/side ratio		1:8
Special shapes		up to 30° (60°)
Tolerances proHD	mm	+/- 0,2
Removal	mm	0-3





sys tron
GLASS TECHNOLOGIES

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