



*Vertical seaming
and grinding machine*



systron esX

3525 / 5027 / 6033



The systron esX is a vertical glass seaming and grinding machine which follows the glass edge by a soft touch guidance system. Due to the rigid machine design, **machining of contours, inside and outside radii** can be performed with shortest cycle times. Patented systems are assuring the highest edge quality. The barrier-free design allows the operator an ergonomically optimal working position and easy access to all machine components.

Seaming and grinding can be performed without tool exchange



Glass thicknesses 4 - 19 mm
without tool exchange

- Edge grinding and seaming
- Corner dubbing
- Automatic sheet measurement

Highlights

- + Glass thicknesses 4 - 19 mm without tool exchange
- + Max. grinding speed 30 m/min.
- + Corner dubbing at maximum seaming speed
- + Edge grinding and seaming can be performed without tool exchange
- + No mechanical touch during processing coated glass
- + Automatic sheet measurement for rectangular panes
- + Grinding head follows the glass contour also in case of unequal breakage
- + Floating tool spindle
- + Optional 1 or 2 grinding spindles

Features

Water cushion

- + Patented process
- + Follows the glass surface
- + Cools the tool over the full circumference

Grinding spindle

- + 4 tools at each cone
- + Grinding process with power reserve
- + Follows the glass edge

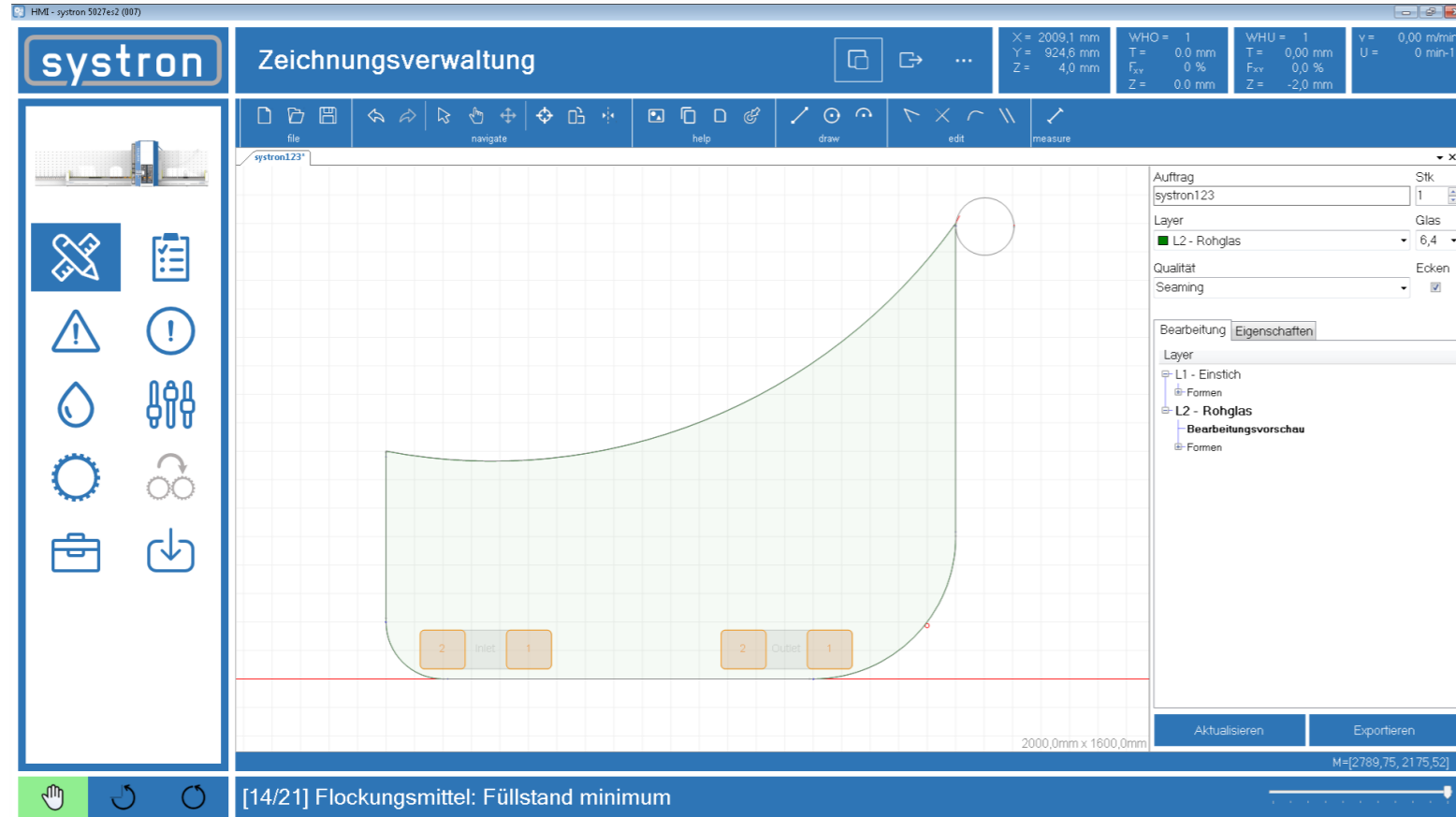
TOP SPEED
BY PATENTED
TOOL
COOLING



- + Tool package width up to 58 mm
- + Various tool profiles possible
- + Tool package for all glass thicknesses from 4 till 19 mm
- + Flexible processing spindle is self-adapting to the grinding contour
- + Torque control of the machining spindle
- + Processing of complex shapes
- + Tool diameter 200 mm

Control

Machine control

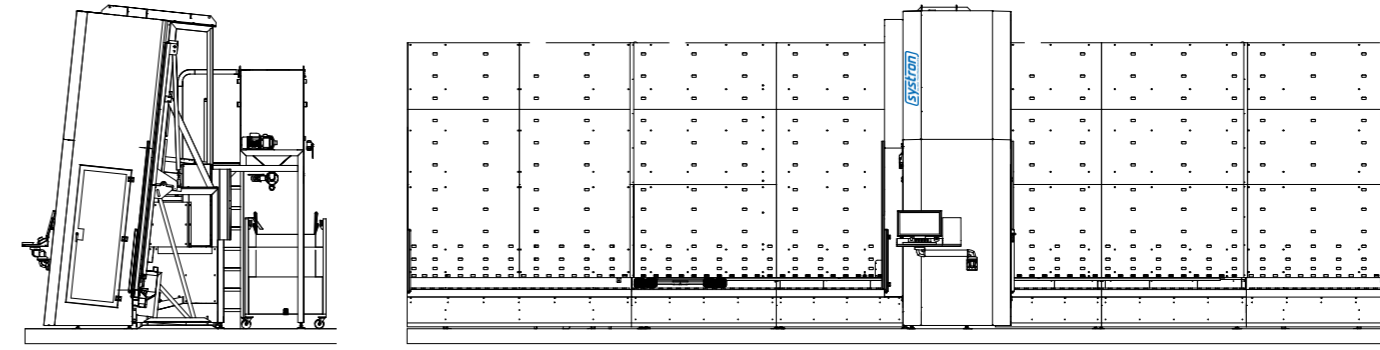


The intuitive machine software is clearly displayed on a 24" multi-touch panel.
A new operating concept allows fast and graphical operation of the machine.

Technical data

| | | esX 3525 | esX 5027 | esX 6033 |
|-------------------------------|--------|-------------------------------------|-------------------------------------|-------------------------------------|
| Overall technical data | | | | |
| Max. sheet size | mm | 3500 x 2500 | 5000 x 2700 | 6000 x 3300 |
| Min. sheet size | mm | 350 x 200 | 350 x 200 | 350 x 200 |
| Max. sheet weight | kg/m | 250 | 250 | 250 |
| Glass thickness | mm | (3) 4 - 19 (25) | (3) 4 - 19 (25) | (3) 4 - 19 (25) |
| Glass running height | mm | 520 | 520 | 520 |
| Glass inclination | degree | 6° | 6° | 6° |
| Max. grinding speed | m/min. | 30 | 30 | 30 |
| Running direction | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Aut. central lubrication | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Aut. tool measurement | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Aut. tool dressing device | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Additional processing head | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Tool diameter | | 200 mm | 200 mm | 200 mm |
| Dimensions | | | | |
| Machine length | mm | 8245 | 11290 | 13193 |
| Machine height | mm | 3920 | 4121 | 4718 |

Standard Option





sys tron
GLASS TECHNOLOGIES

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