KSR

Compact Vertical Glass Edge Arris Grinding Machine for Rectangles and Shapes

LiSEC

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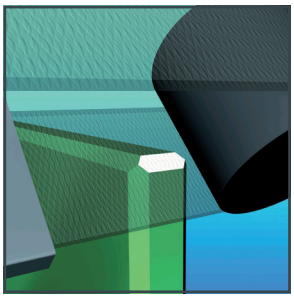
Vertical compact grinding machine for arrising of glass sheets on all four sides in a fully automatic cycle. Glass edges are grinded using diamond-equipped wet grinding belts that simultaneously process the front and rear side of a glass edge. The grinding machine moves on a vertical guide unit and can also rotate 360 degrees, allowing it to reach all four sides of a glass sheet. This grinding process achieves optimal and gentle planing of glass edges within the shortest cycle times and minimizes the quantity of required abrasive materials. The grinding belts fully automatically adjust to the respective sheet size and thickness. The width of the grinding edge is adjustable from 0.5 mm to 2 mm. The compact dimension is made possible since only one grinding unit processes all sides of a rectangular or shaped sheet. Optional tools for grinding (roughening) the rupture sides as well as for grinding (shaping) the pointed sheet edges available.

Highlights

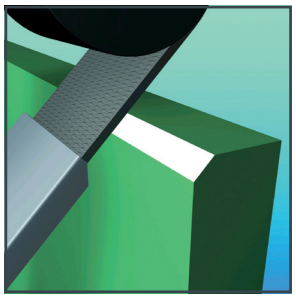
- Compact dimension since only one single grinding machine is needed for processing
- Perfect edge grind despite extremely short cycle times
- Complete machine body made of chrome steel
- Can be easily connected to downstream vertical washing machines and production lines
- Preferably for sheets that are intended for further treatment in curing ovens

Optional

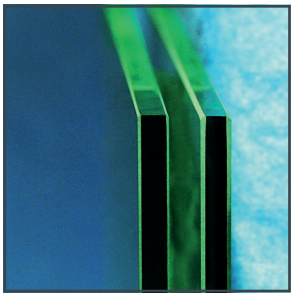
- Shapes according to LiSEC shape catalogue
- Corner bevelling and front-sided surface grinding of rectangular shapes
- Front-sided surface grinding of radius



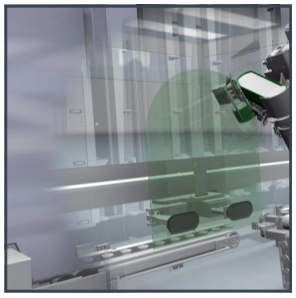
Seaming and blunting of sharp corners



Seaming of glass edges



Perfect seaming of any cut edges



Seaming and frontal surface grinding of radiuses possible

Technical Data	
Glass height	2,1 m / 2,5 m / 2,7 m / 3 m / 3,3 m
Glass thickness	2,3 - 19 mm (pass-through transport up to 30 mm)
Minimal size	350 x 180 mm
Maximal size	6.000 x 3.300 mm
Max. processing length	2.500 mm, 3.500 mm, 5.000 mm, 6.000 mm
Max. seaming speed	30 m/min bei 2,3-19 mm
Max. speed surface grinding	30 m/min bei 2,3-5 mm
Max. speed surface grinding	20 m/min bei 6-8 mm
Load max.	250 kg/lm

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