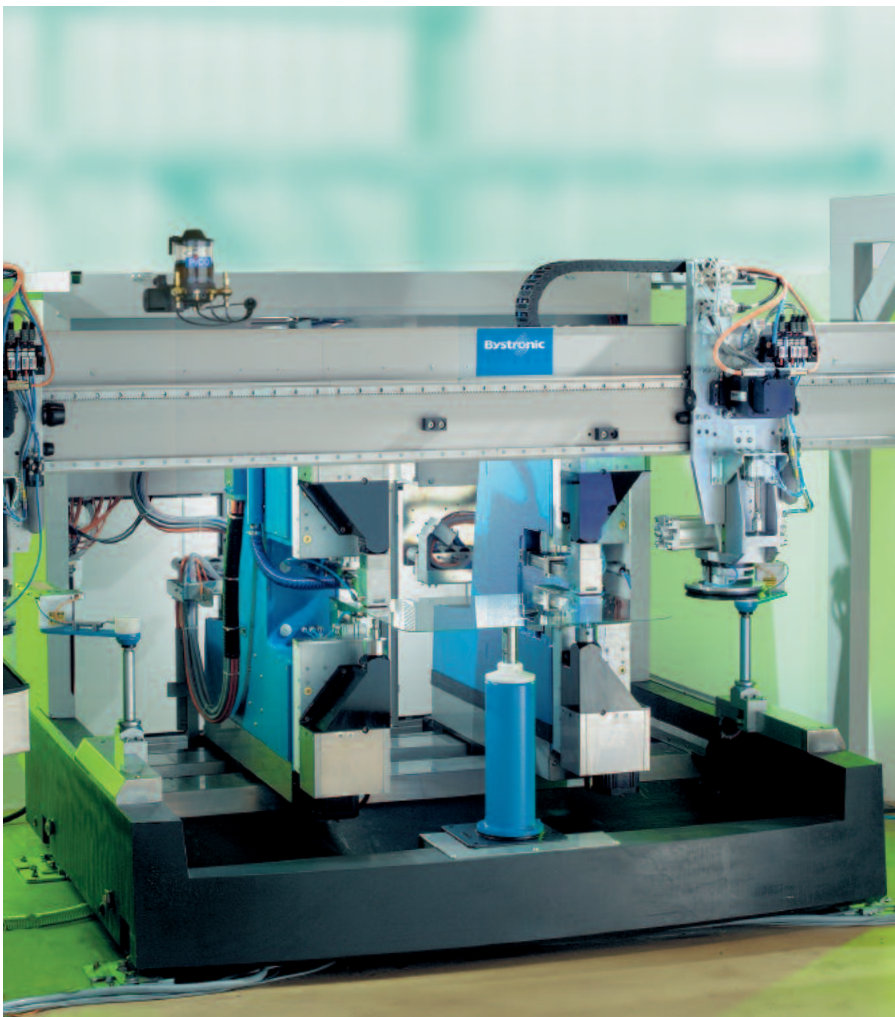


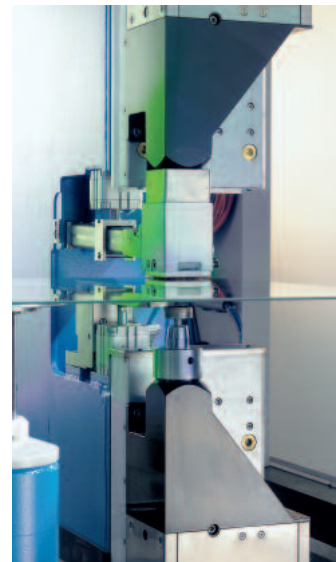
Fully automatic double head drilling machine

Extremely high power and flexibility during drilling
of automotive glass

- ◆ Ideal for sidelites and backlites
- ◆ Cycle time 10 seconds
- ◆ High flexibility and short changeover times
- ◆ High drilling performance and hole quality
- ◆ Simple operation
- ◆ Variable applications: stand alone or online
- ◆ Can also be integrated in non-Bystronic glass lines



champ'drill is a fully automatic and flexible drilling machine for the processing of automotive glass. The trendsetting technology ensures maximum productivity and a very high level of user friendliness in proven Bystronic glass quality for the user.



High functionality

- ◆ Fully automatic sequences ensure short setup times and constant production quality
- ◆ Fast change of drill bit thanks to optimum accessibility
- ◆ Extremely short interruptions for tool change
- ◆ Easy changing of the dressing stone without stoppage of operation
- ◆ Minimum maintenance
- ◆ Automatic central lubrication system of all axis
- ◆ Latest CN control generation with trendsetting drive technology
- ◆ Open control concept facilitates horizontal and vertical integration in manufacturing lines
- ◆ Simple operator interface reduces familiarization time



Convenient to use

- ◆ Dry glass by means of innovative suction device
- ◆ User friendly through good accessibility and overview
- ◆ Efficient safety concept for maximum operator protection with minimum restriction

Options

- ◆ Fast four-hole drilling solution through twin system configuration. Efficient drilling of complicated drilling patterns through simple combination of several drilling machines.
- ◆ **positioner** – exact positioning, available in manual and automatic version
- ◆ **transfer** – fast glass transfer unit for integration in the line
- ◆ **champ'care** – individual maintenance contract

Technical data

Maximum glass size	1100 mm x Ø 2100 mm
Minimum glass size	Ø 270 mm
Maximum drilling area	1100 mm x Ø 1950 mm
Minimum drilling area	Ø 260 mm
Minimum hole spacing	80 mm
Drill diameter	Ø 3.0 – 40.0 mm
Number of drilling units	2
Glass thickness	1.6 – 6.0 mm
Space required by machine LxWxH	2.50 x 2.30 x 2.40 m
Weight	3700 kg
Voltage supply	3 x 400/480 V 50/60 Hz
Fuse	50 A (T)
Compressed air/consumption	6 bar – 5 Nm ³ (S.T.P)/h
Water/consumption	4 bar – 60 l/min