Bystronic glass

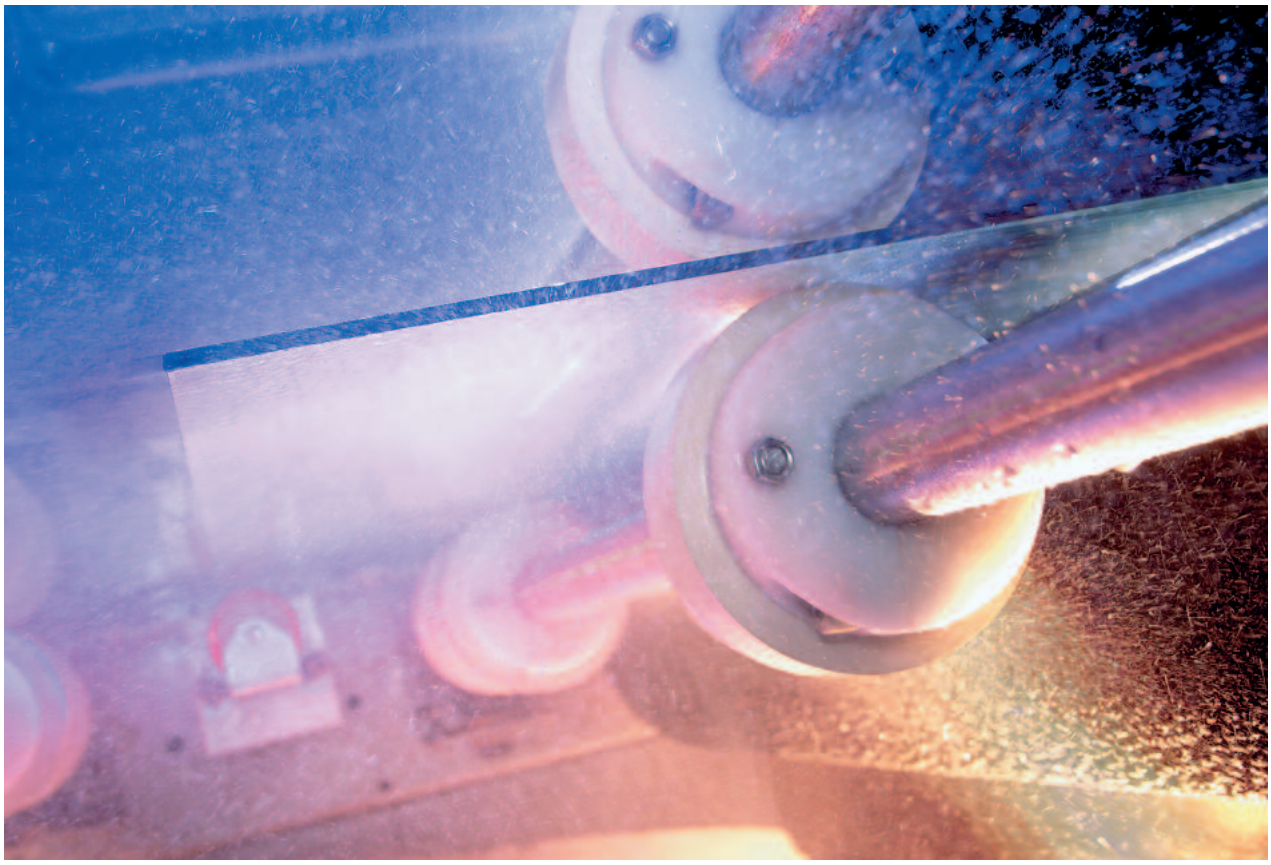
cleaning

# Glass plate washing machines
# Purified water circulation plants

## Excellent and environment-friendly cleaning and drying of glass plates

Common product characteristics of glass plate washing machines:

- Continuous cleaning and drying of different glass thickness
- Chainless brush- and transport drives outside of the machine
- Alternating brush rotation directions for optimum cleaning results
- Environment-friendly, energy-saving water-circuit system by separated washing- and rinsing-zone
- Step less adjustment of transport speed
- Maintenance-free, water protected bearings of the brushes
- Machine housing completely made of stainless steel, drying zone with sound protection



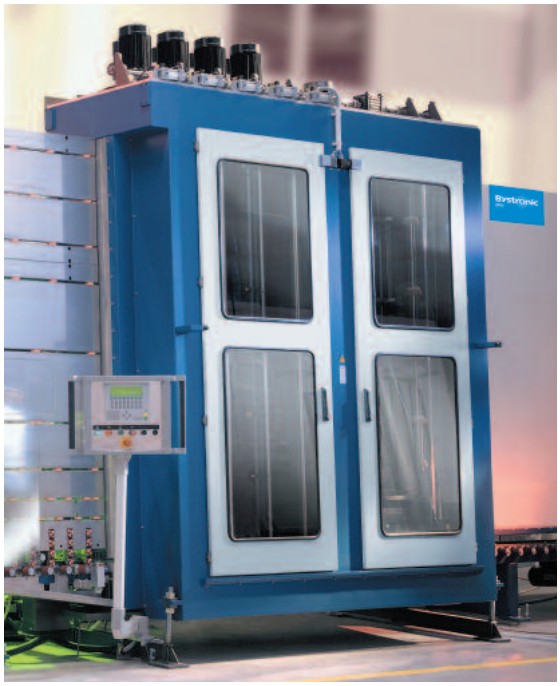
washer GW-SU

## Glass plate washing machine, Type GW-SU

- Four separate brush-pair drives
- Synchronous drive of vertical transport shafts for slip- and distortion-free glass plate transport
- Automatic opening and closing of parallel guided brush- and transport shafts
- Constant brush contact depth if processing different glass thickness
- Symmetric design of brush shafts, bilateral suitable
- Air knife design blower-nozzles for optimum glass plate drying

### Options

- Brush-lifting equipment for coated glass plates
- Electronic frequency control of brush drives for especially sensitive coatings
- Reversible transport drive for glass plates
- Additional equipment for glass thickness up to 30 mm (1.18 in.) resp. 45 mm (1.77 in.)
- Automatic coating recognition



| Technical data | |
|---|---|
| Working heights | 1.60 m / 2.30 m / 2.70 m / 3.20 m (63.0 / 90.6 / 106.3 / 126.0 in.) |
| Processable dimensions | 100 x 350 mm (3.9 x 13.8 in.) up to max. 3250 mm (128.0 in.) working height |
| Glass thickness | 3 – 15 mm (0.12 – 0.59 in.) optional up to 30 mm (1.18 in.) resp. 45 mm (1.77 in.) |

washer GW-D

## Glass plate washing machine, Type GW-D

- Three separate brush-pair drives
- Synchronous drive of vertical transport shafts for slip- and distortion-free glass plate transport
- Symmetric design of brush shafts, bilateral suitable
- Water-tank with heater integrated in machine housing
- Air knife design blower-nozzles for optimum glass plate drying

### Options

- Electronic frequency control of brush drives for especially sensitive coatings
- Inspection windows in front doors
- Reversible transport drive for glass plates
- Automatic coating recognition

| Technical data | |
|---|---|
| Working heights | 1.60 m / 2.30 m / 2.70 m (63.0 / 90.6 / 106.3 in.) |
| Processable dimensions | 100 x 300 mm (3.9 x 11.8 in.) up to max. 2700 mm (106.3 in.) working height |
| Glass thickness | 3 – 15 mm (0.12 – 0.59 in.) |

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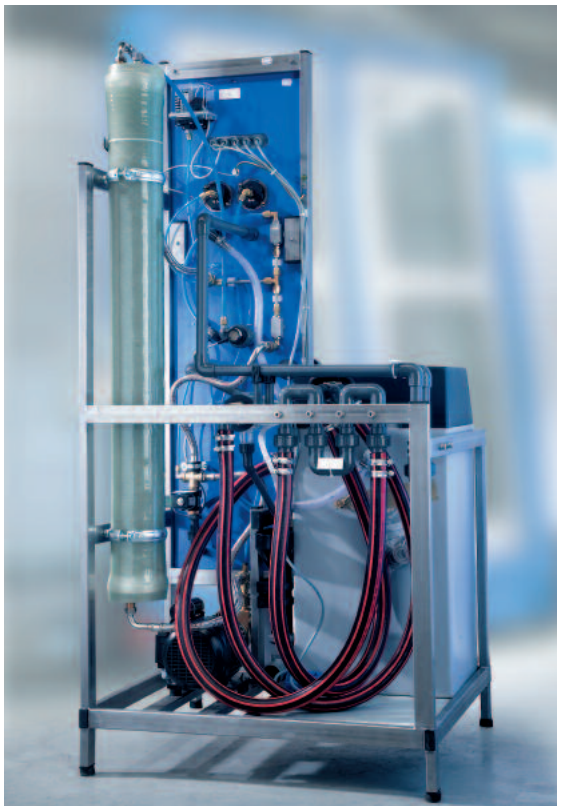
water demineralizing plant

## Water demineralizing plant

- Plant for procuring of pure water, for the solid and careful cleaning of glass plates without remains of minerals
- Environment-friendly reverse osmosis procedure without chemicals for demineralization and desinfection of city- and drinking water
- Concentrate can be drained-off without retreatment
- High pure water yield by special diaphragm module and recovery system, desalting rate 97 – 99,5 %
- High efficient double water softening device
- Automatic control of the functions
- Electronic process control
- Low expenditure of installation
- Demineralization plant is laid out for the particular location according to the required output and water analysis

### Options

- Additional reverse osmosis module for increase of pure water quality
- Iron extraction filter / Manganese extraction filter



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