MACHINES FOR TEMPERED GLASS PRODUCTION

NorthGlass – The leading international producer of glass tempering furnaces!

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ADVANCED LINE GLASS TEMPERING FURNACES

AG1 Tempering Furnace

FEATURES
- Gapless forced convection technology
- Convection fan exclusively made by NorthGlass
- Intelligent heating control module
- Finer heating control partition
- Super flat & spotless technology
- Dual photoelectric sensors length glass measurement
- Radiation heating plate
- Bending & tempering technology
- Upward / downward bending & tempering technology by flexible rollers
- Nanoscale thermal insulation material
- Control system by sub-stations
- Ultra-wide & super-long tempered glass

Available for following max. glass widths
- 1.250 mm
- 1.700 mm
- 2.100 mm
- 2.440 mm
- 2.850 mm
- 3.300 mm

Available for following max. glass lengths
- 1.500 mm
- 2.500 mm
- 3.000 mm
- 3.660 mm
- 4.000 mm
- continuous every + 1.000 mm

SPECIAL GLASS TEMPERING FURNACE LINES

ADF1 Tempering Furnace

FEATURES
- Dual-chamber forced convection glass tempering furnace can be configured with following solutions, according to customer’s different requests:
  - A) Radiation heating chamber (first) + Radiation heating chamber (second) 1.5 times heating power and 1.3-1.4 times output compared to traditional single-chamber radiation heating furnace
  - B) Top forced convection heating chamber (first) + Radiation heating chamber (second) 1.5 times heating power and 1.4 times output compared to traditional single-chamber radiation heating furnace
  - C) Top forced convection heating chamber (first) + Top forced convection heating chamber (second) 1.5 times heating power and 1.4-1.5 times output compared to traditional single-chamber radiation heating furnace
  - D) Top & bottom forced convection heating chamber (first) + Radiation heating chamber (second) 2 times heating power and 1.8 times output compared to traditional single-chamber radiation heating furnace
  - E) Top & bottom forced convection heating chamber (first) + Top forced convection heating chamber (second) 2 times heating power and 1.8-1.9 times output compared to traditional single-chamber radiation heating furnace

ADF-1 and AX1/AX2 Glass Tempering Furnace with a variety of configurations, comprehensive processing adaptability and mature technology, ADF-1 Glass Tempering Furnace ensures you a strong production capacity with super glass quality and relatively low energy consumption, it is especially suitable for mass production of high quality temped glass for architectural, furniture, household appliances industries and etc.
BASIC LINE GLASS TEMPERING FURNACES

FEAT URES

- Grid-array forced convection technology
- Radiation heating plate
- Convection fan exclusively made by NorthGlass
- Bending & tempering technology by rigid rollers
- Upward / downward bending & tempering technology by flexible rollers
- Layered thermal insulation materials

Available for following max. glass widths

<table>
<thead>
<tr>
<th>Width</th>
<th>1.250 mm</th>
<th>1.700 mm</th>
<th>2.100 mm</th>
<th>2.440 mm</th>
<th>2.850 mm</th>
<th>3.300 mm</th>
</tr>
</thead>
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Available for following max. glass lengths

| Length | 1.500 mm | 2.500 mm | 3.000 mm | 3.660 mm | 4.000 mm | continuous every + 1.000 mm |