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This text is available online at: www.sedak.com and www.pr-neu.de

10/22-02

#sedak
#leadingglass
#biegeexpertise
#bendingexpertise
#curvedglass
#gebogenesglas

sedak puts 18m bending furnace into operation

Precisely curved glass up to 18 meters in length

sedak has extended its production capacity in the field of curved glass. With the start of operation of its new 18 m bending furnace, the glass processing company is setting new standards in thermal glass bending and has underpinned its technological leadership for large-format functional glazing.

The new sedak bending furnace is designed for series production of cylindrically curved, fully tempered glass and thermally toughened glass in (over-)large formats of up to 3.6x 18 meters. The bending and tempering thereby takes place in a single production process. New technology enables the fast and precise adjustment of the bending radius, so that glass for projects requiring various geometries can quickly be produced. Depending on the width, glass can be curved to a minimum radius of 1,000 millimeters.

The first orders are already running on the sedak bending furnace. The production of a large project with glass of up to 11 meters in length is set to take place in early summer 2022.

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sedak offers the complete spectrum of curved glass in almost any form. The glass panes are produced in a suitable process depending on the glass geometry. In addition to thermal bending of fully tempered glass and thermally toughened glass, sedak offers lamination bending for glass of up to 20 meters and the gravity bending process for almost any architectural free-form. The curved glass is further processed to safety glass and insulation glass and, just as for flat glass, this can be put through the complete sedak processing spectrum from gold printing to bullet-resistant glass.

Further information: sedak.com

around 1,400 characters

Picture

[22_02_sedak_18m_Bieger_1]

The new sedak bending furnace produces cylindrically bent glass in oversize formats up to 18 meters.

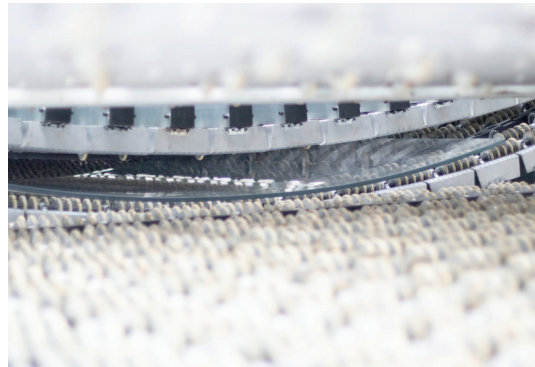
Photo credit: sedak



[22_02_sedak_18m_Bieger_2]

Transparent and excellently curved: The glass processor sedak has once again raised the bar for the processing of special glass formats. One furnace now has a state-of-the-art bending unit for panes in oversized formats of up to 18 meters long.

Photo credit: sedak



[22_02_sedak_18m_Bieger_3]

The first orders are currently running on the sedak bending furnace. In the early summer, sedak will begin the production of cylindrically curved, fully tempered glass in lengths of up to 11 meters.

Photo credit: sedak



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Leading glass

Since its founding in 2007, Germany-based company sedak has used its pioneering spirit to establish itself as a premium manufacturer of large-format insulated and safety glass. sedak has evolved their glass as a construction material for all-glass facades and roofs. Iconic facades and buildings are created with an unprecedented degree of transparency thanks to superior quality of innovative products.

sedak manufactures single-pane glass units, multi-layer glazing and functional insulated glass units in formats up to 3.6x20 meters in an efficient, highly automated system. Raw glass is treated, strengthened, laminated, printed, curved, laminated and assembled into insulated glass with a unique set of machinery that spreads over a production area measuring 47,000 qm. Since integrating Italian-based sunglass industry s.r.l., who are the specialist in curved glass, sedak's core expertise also now includes hot bending glass. The specialist also supplies exceptional solutions for luxury yachts with optimized glass for use on the high seas.

The glass fabricator particularly demonstrates its solution-oriented expertise in special designs. Thanks to its research and development spirit, new technologies and the expertise of its 300 employees, sedak is constantly advancing innovations in glass finishing and sees itself as a partner to architects, developers, facade builders and metalwork companies. Maximum commitment to customers' needs, a high degree of flexibility and close cooperation with project partners are the guiding principles for the whole corporate group. That guarantees market-oriented solutions for apparently impossible requests. True to the concept of "Imagination is the only limit".

Exceptional reference projects provide proof of impressive expertise. These include: Messeturm, Frankfurt / Lakhta Center, St. Petersburg / Haus der Europäischen Geschichte, Brüssel / Torre Europa, Madrid / Iconsiam, Bangkok / Apple Park, Cupertino / Apple-Cube, New York / Experimenta, Heilbronn / Elbphilharmonie, Hamburg (sunglass industry) / Fondation Louis Vuitton, Paris (sunglass industry) / Numerous premium flagship stores.

Areas of use

- Glass facades
- Glass roofs
- Glass stairways
- Glass balustrades
- Yacht glazing
- Pool glazing
- Safety glazing
- All-glass structures
- Interior design
- Special designs