

Innovations in the large size sheet business



Architects and building owners are always making new demands on the glass processors. Large size sheets above the standard float glass measurement of 3,21 x 6,0 m are possible nowadays. And the glass processor cannot be surprised when even multiple laminated safety glass sheets having these measurements.

What is the obvious thing to do when you know you need help to find specialized solutions for dealing with such giant sheets? A market leader for large sheets, the company Henze Glas, from Hoerden/Harz in Germany, knew just what to do. Henze Glas has been buying machines and devices with complete confidence from the specialists in Luebeck for 30 years. Henze Glas has always been an innovative glass processor and had early on recognized the trend for large-sized sheets, investing in machines in the field of cutting and sealing in order to produce large-sized sheets. For the handling of these sheets – the partner Pannkoke from Luebeck, Germany has been in overall charge.

Pannkoke Flachglastechnik GmbH has long taken up the challenge of transporting and handling these giant sheets. High carrying capacities are required on the insulation line as well as during cutting or while using the diamond saw.

The device:
transport in the vertical 1800 kg
vertical turning with 1800 kg
horizontal transport up to 2000 kg



The glass:

3-ply laminated safety glass - multiple laminated safety glass sheets up to 80 mm, 2000 kg
insulating glass panes 3.21 x 6 m with 1800 kg

The requirement:

Sheets with a weight of nearly 2000 kg had to be handled and moved. A multiple-connection device was needed for transporting/turning from the vertical for sawing in the horizontal positions. The complete units had to also be able to be turned, if necessary, so that an up-end glazing on the construction site could be possible.

Glazing at site with turning of a 1800 kg insulating unit of laminated alabaster glass.

The solution:

Pannkoke delivered a vacuum lifting device for sheets of 1800 kg. This lifting device is able to turn and can be retrofitted to horizontal operation. Henze Glas now works with this device which is equipped with the latest 2-circuit-system safety technology. Not only were the requirements fulfilled but also the corresponding carrying capacity was guaranteed in case of a failure of the system.



Even when the needs of the customers require being able to handle ever increasing weights, Pannkoke always fully checks each device on operating conditions in the overload capacity before delivery.

Dietmar Henze hasn't reached the end of his entrepreneurial endeavors with this latest development. We can look forward with anticipation to the next task he tackles in collaboration with the technicians from Luebeck.



Mr Henze likes to give his colleagues the tip that when they need such safety relevant devices, they can't do better than to work together with a reliable partner such as Pannkoke. Pannkoke takes this message to heart and stands always ready to take on further challenges.

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