

ANNEALING LEHRS

ENERGY SAVING & EFFICIENCY FOR LEHRS



Annealing Specialists

ENGINEERING SINCE 1984

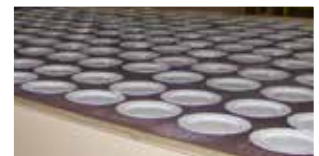
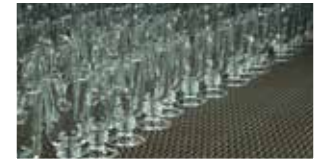
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Introduction

Under natural conditions, the surface of molten glass will cool more rapidly than the centre. This results in internal stresses which may cause the glass object to crack, shatter or even explode some time later.

The annealing process is designed to eliminate or limit such stresses by submitting the glass to strictly controlled cooling. Inside the lehr, the glass is allowed to heat to a temperature known as the "annealing point". When the glass reaches this point, the lehr temperature is stabilized for a specific length of time (depending on the glass type, its thickness, its coefficient of expansion and the amount of residual stress required) to allow stresses present in the glass to relax. This phase is followed by periods of cooling with a pre-defined temperature gradients.

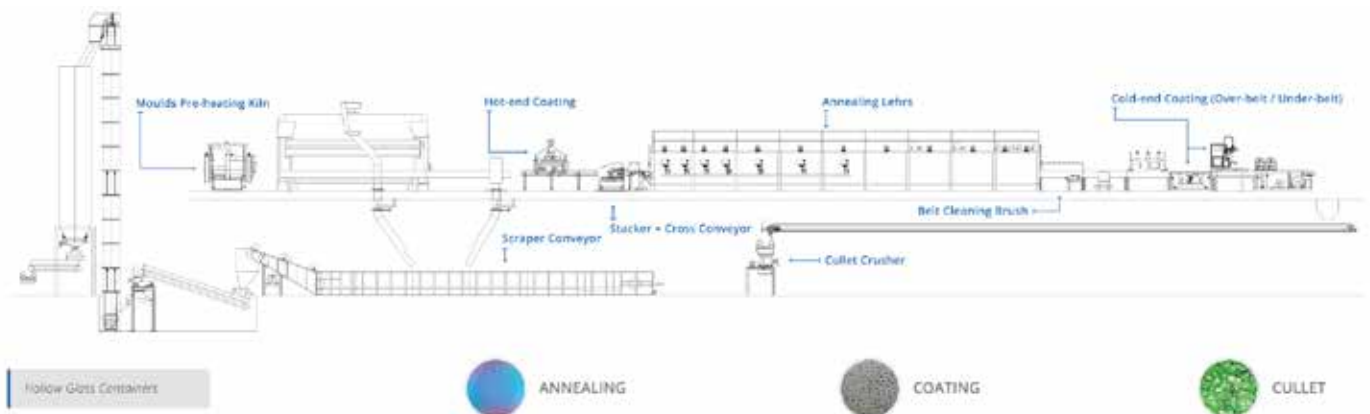


This is a simplified online version.
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ENGINEERING, DESIGN, MANUFACTURING AND INSTALLATION



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*Our vision is a world inspired by glass,
empowered by Vidromecanica as a leading
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for the glass industry.*

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