

CMD 2021

26 August 2021



Heat Treatment Technologies highlights



Meet Miika Äppelqvist

SVP, Heat Treatment Technologies



Heat Treatment Technologies

Heat Treatment Technologies includes a wide range of machinery, services and upgrades for glass flat tempering, bending, bending-tempering and laminating lines.

Glaston is the most known tempering line manufacturer in the market and the fastest growing manufacturer of laminating lines.

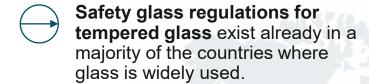
We differentiate ourselves in the market through industry-leading know-how to provide our customers with the most innovative technology and the lowest operating costs.





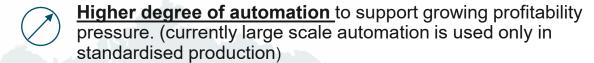
Key trends in Heat Treatment market 2/2

Growth impact slowing down



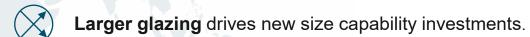
Energy-efficient coatings have become mainstream and development reaching boundaries of physics; Limited number of new coatings to drive tempering capability investments.

Strengthening trends





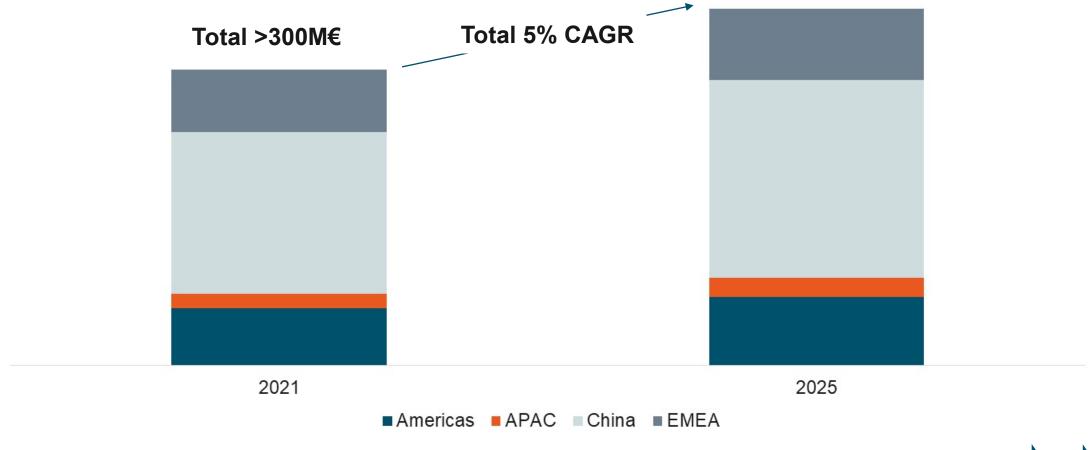
Fire rated glass in buildings increases but is currently a small niche. Growth is supported by regulation changes.



China five-year-plan for **Solar-energy**

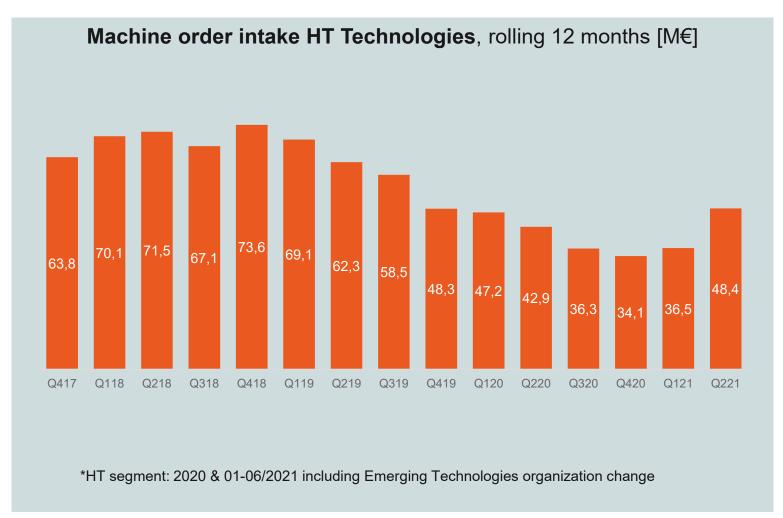


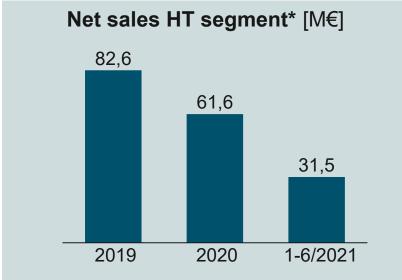
Addressable Heat Treatment equipment market: size and growth *

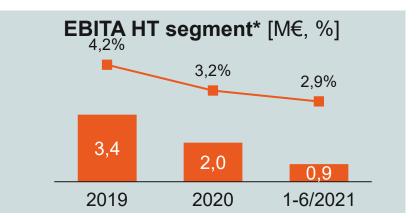




Technology order intake & HT segment net sales and EBITA









Heat Treatment

Growth plan actions into 2025

1. Autopilot development and commercialisation for tempering and lamination

We reduce our customers' operating costs, increase quality and mitigate risks through automation.

2. Grow core and addressable segment

- We widen our offering to new segments through new products and solutions in tempering and in lamination
- We also widen our offering to adjacent processes, e.g. loading and unloading solutions and measurement devices.

3. China: Solar and Architecture

We capture our share of fast-growing Solar and Architectural markets in China through development of lowest operating cost solutions.

4. Optimise for cost-efficiency and quality

- Develop new installation concepts optimised for cost efficiency and quality
- Optimise our solution's cost-performance ratio





Heat Treatment technologies & innovations

Flat tempering



Flat laminating

 The most advanced laminating technology in the market – widest capability and highest automation



HT Automotive

- New HTBS tempering & bending technology for the most complex glasses
- New Matrix Evo windshield/sunroof bending technology to meet market needs







Why to buy Glaston Heat Treatment equipment?

- For the past 50 years Glaston is known as the reliable partner with reliable, high-performance, quality machinery – Seeing it through
- Our worldwide service network offering lifecycle service solutions is the basis for a sustainable and long-term customer relationships
- Autopilot & automation strategy one of the leading reasons (already today) for opting for Glaston tempering line
- New Glaston comprehensive product portfolio







Thank you!

