

Energy-saving technologies exhibited at Glasstec by **MAZZAROPPI**

Against the backdrop of the glass industry's leading international trade fair for 2024, our editorial team took the occasion to speak in Düsseldorf to MAZZAROPPI CEO Antonio Mazzaroppi and company Marketing Manager Federico Mazzaroppi on the products they exhibited this year at the company stand.



GTI: ANTONIO, HOW CAN YOU ENSURE UP TO 70 PERCENT LESS CONSUMPTION IN COMPARISON TO OTHER TEMPERING FURNACES OUT THERE?

Antonio Mazzaroppi: Mazzaroppi Engineering has brought a fully functional furnace here to Glasstec to demonstrate how easy it is to use its TP Compact

model. Indeed for an Italian company with sixty years of experience in glass tempering, Glasstec 2024 has signalled an opportunity for us to convince even the most sceptical onlooker of the performance of its highly efficient furnaces. Today, Mazzaroppi Engineering offers optimised energy-efficient solutions for glass tempering to the market. That commitment translates into furnaces that are affordable even for smaller glassworks,



which can quickly recoup their investment - all thanks to not only increased productivity but also significant energy cost savings.

GTI: Why did you choose to exhibit the TP Compact here at Glasstec?

AM: Designed to meet the needs of companies and small glassworks, this furnace is an important statement for us. This is because it allows glass to be tempered in-house, with reduced energy consumption - all in a limited space and even without the need for any brickwork or for extending the electrical cabinet. We know

that many people still find it difficult to believe that it's possible to achieve the kind of performance we guarantee. That's why we wanted to give a concrete demonstration here at the fair.

GTI: Federico, how exactly do you achieve energy savings of 70 percent compared to competing solutions?

FM: To optimise the consumption of our furnaces we are constantly innovating our technologies. If I had to sum up in three points how savings are generated for companies I would say that, firstly, Mazzaroppi furnaces reduce consumption during

production. Secondly, they eliminate unproductive consumption that's typically caused by leaving the oven on when it's not in use - for example, at night. Finally, they do not require extension of the electrical cabinet, which doesn't need to be replaced.

GTI: Here at the show you're also presenting the upgrade of two of your flagship technologies, namely M Efficiency 5.0 and M Opticonvection. Can you speak to these?

FM: Continuous technological development is essential to taking the perfor-

mance of our furnaces to the next level. In particular, these two proprietary technologies have been developed by our R&D team to allow maximum optimisation: M Efficiency 5.0 ensures the containment of energy peaks, and M Opticonvection allows hot air to be used only in the part of the furnace where the glass is located, adapting it to the percentage of space occupied in order to obtain a higher tempering quality with incredibly low consumption.

GTI: Any chance those who didn't see the TP Compact here will be able to view it live elsewhere?

FM: Sure. Those who weren't at the trade show can contact us anytime. We'd be delighted to arrange a meeting so they can view the furnace and answer any questions they may have about its performance, technology and consumption. Bear in mind that though Mazzaroppi's headquarters are in Italy, just outside Rome, the company's vocation has always been international, with agents all over the world.



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