

Reducing drying energy

At first the drying of coatings seems a necessary evil due to decorating and finishing of flat glass. But focus on the quality requirements of customers, profitability of production and essential parameters, then the drying and fixing of coatings is a very process-relevant parameter for the success of the coating technology.

Tesoma is a manufacturer of dryers and ovens for the glass industry, in particular the field of drying screen-printing, roller coating and digital prints on flat glass.

Reduced energy consumption

The company started the intelligent interlinking of dryers with other system components within the production line to yield a profit from the stand-by automatic 10 years ago.

Energy consumption and overheads can be reduced to a minimum during pause and set-up times of the printing and coating machines.

During Glasstec 2008 it introduced the



first heat recovery system of dryers for flat glass coatings. With heat recovery, energy consumption during production is reduced and the regained energy redirected into the process.

According to the company, these energy-saving potentials combined with highest drying efficiency constitute its dryers as one of the most economic

drying systems in the sector.

Examples in Germany show that a replacement of a more than 10-year old dryer with a Tesoma dryer pays itself off within less than three years in energy savings. ■

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