

IR drying technology and convection dryers – an unrivalled combination

Quick to respond infrared radiation combined with well proven forced air convection are the prerequisites for significantly accelerating drying processes.

The drying of yarns, fabric and polymer webs has now reached a new dimension brought on by Mehler Engineering + Service GmbH hybrid dryers that are tailored to the specific drying process. High production speeds and short drying distances can be realised.

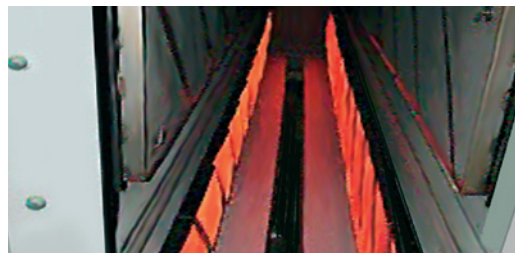
Individual IR output controllers, generous amounts of forced air and frequency controlled flow rates of extracted air allow using these dryers for water-based dispersions and for solvent-based media.

Quick to respond IR elements allow a quick heat-up time and prevent heat damage of the material during a line stop. The forced air guidance system ensures a constant temperature.

The integrated humidistat in the flow of extracted air ensures an effective and energy efficient drying process.



Infrared/Convection drying range



Infrared radiator

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