

HI-JET G-LINE



INFRARED DRYER

Maximum performance for efficient processes with high quality results

FEATURES

- Optimized air guidance
- High efficiency
- Flexible energy management

BENEFITS

- Maximum drying efficiency
- Energy savings
- Highest quality in packaging printing

DRYING WITHOUT LOSS OF PERFORMANCE WITH THE HI-JET G-LINE

Hoenle's infrared dryers offer maximum efficiency in continuous operation – thanks to long-life double quartz radiators with gold reflectors for maximum radiation yield and an infinitely variable drying process. For highest quality in packaging printing with the most demanding requirements.

FEATURES

The revised cassette technology of the Hi-Jet blowpipes with 6 kW hot air output and integrated IR lamp ensures even greater drying efficiency. Thanks to the new design of the blowpipes, a particularly high level of efficiency is achieved, while the extended drying section enables even more reliable curing of large quantities of paint. Laterally deflected and extended nozzles stabilize the hot air impact on the print substrate and ensure even drying. In addition, the blowpipes, which can be rotated by up to 20°, are individually adjustable, fully thermally insulated and contribute to undisturbed sheet travel.

Hot air is generated directly at the point of use, which avoids line losses and maximizes energy efficiency. The increase in performance is complemented by an optimized moist air extraction system with improved extraction hoods, which ensure even more effective disposal of the moist air. Optionally, extracted hot air can be fed back in or the supply air can be preheated through heat recovery.

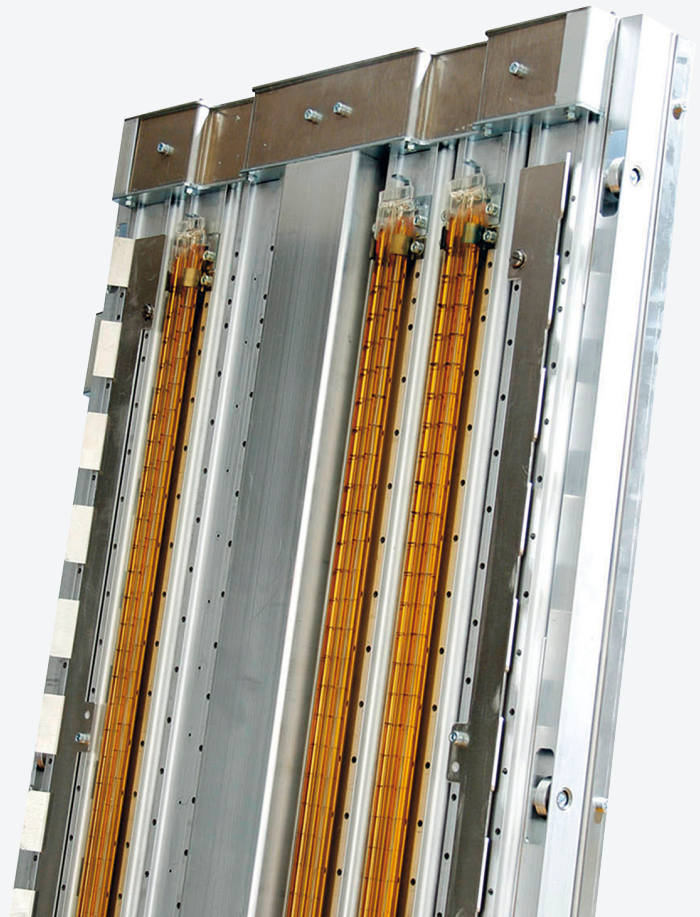
AREAS OF APPLICATION

The combined infrared-hot air dryers in Hi-Jet design are standard equipment on modern printing presses and offer maximum flexibility in drying technology. They are suitable for conventional printing inks as well as water-based coatings and impress with their unique concept: the powerful hot air not only supports the drying process by effectively doctoring the ink, but also cools the IR lamp at the same time.

Both drying components can be controlled independently of each other, allowing precise adjustment to different pressure requirements. Another advantage of this tried-and-tested design is the ease of handling: the IR hot air modules can be easily removed from the press – whether to make space for UV dryers or to replace one of the long-life double quartz glass lamps with gold reflector after thousands of operating hours.

KEY FEATURES

An outstanding feature of the Hi-Jet G-Line is the use of internal heating cartridges instead of external heating coils. This design ensures significantly more efficient heat transfer, as the energy is introduced directly into the system without any losses to the environment. This not only optimizes the heating time, but also reduces energy consumption. This technological advantage sets the G-Line apart from conventional solutions and makes it a particularly powerful and economical choice.



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Operating parameters depend on production characteristics and may differ from the foregoing information.
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