



DryMaster® IR

drying solution for the Paper and Board industry

The DryMaster® is a shortwave electrical infrared drying solution developed specifically for the paper and board industry. It is a patented, state-of-the-art system with features designed to improve paper quality and machine capacity, while, at the same time, minimising energy use and maintenance costs. Flexible and easy to operate, the Drymaster has a variety of options for connection to other computer or QCS systems when required.

High energy efficiency

Efficiency is achieved by the combination of a modular design, thick gold-coated reflectors, OH-free quality protection quartz and an air blowing nozzle (air-foil type).

Optimal paper quality

With independently-controlled zones of 75 or even 37.5mm, the moisture profile correction is very precise - IR output power is only used where needed.

The TempArray non-contact stationary temperature sensors improve quality control and are designed for very quick and automatic MD and CD moisture profile improvement without using traditional scanning measurement systems.



Smaller footprint

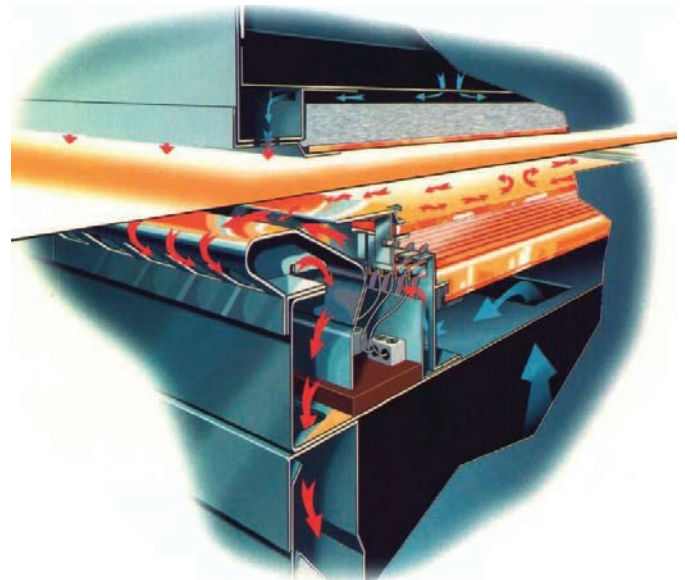
The high-power density combined with high efficiency of the modules reduces the space needed for the IR system in the machine. The size of the power distribution cabinet is typically reduced by at least 60% and the number of power cables by 70 to 80% thanks to on-board electronic power control. The frames can be installed face-to-face without lifetime reduction.

Simplified maintenance

Modules may be replaced without the need for tools as they are equipped with on-board electronic controls, attached to the frame with quick release fasteners. The system includes diagnostic features such as automatic lamp failure control and fuse control.

OPTIONS INCLUDE:

- TempArray system
- 37.5mm zone profiling
- Fire Extinguishing system
- Counter reflector (usually recommended for one-sided drying)



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