

Technical Data Sheet IR Station

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Heating system for better adhesion properties

If a coating is to be applied to relatively cold materials, it is advisable to pretreat these materials by means of infrared (IR) heating. The recommended temperature for good adhesion of hotmelt to a panel is between 20 and 35°C. A major advantage of IR heating is that no long start-up times are required. Compared with conventional drying and heating technologies, this saves a lot of time.

Adaptation to the application

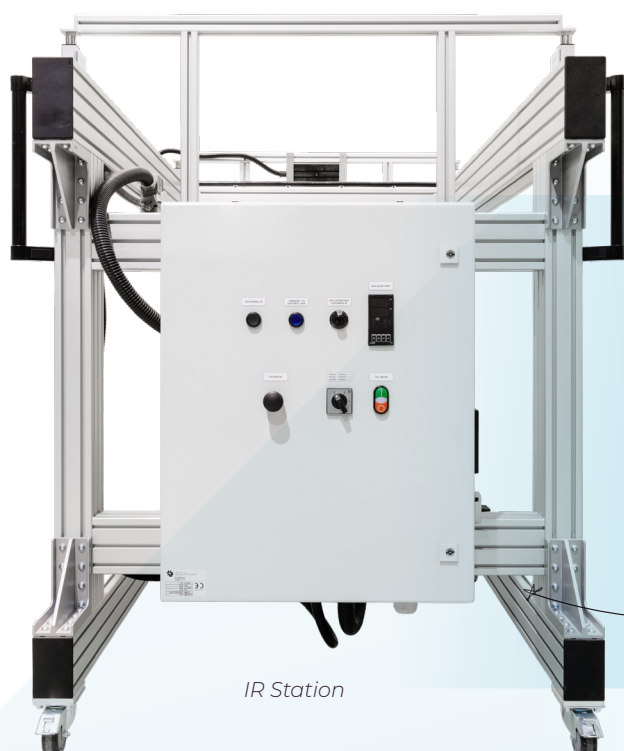
For every process we determine the IR radiator and wavelength most suitable for your application in order to offer you the most energy-efficient solution possible. Under "IR applications" you can find references to projects carried out.

Precision

The precision control of the processes results in faster drying and better gluing or melting – and consequently a higher product quality and reduced production risks and product waste. Infrared heating can greatly benefit the gluing of difficult materials under tensile or compressive stresses, of curved surfaces and mass production. Faster drying offers a better adhesion of edges and corners that can come unstuck in the event of insufficient drying of the glue.

Free-hanging lamps or integration into stations

The IR heaters can be either integrated into a station upline of the coating process or integrated as free-hanging lamps into, for example, the storage rack of the Laminating Index Station. This largely depends on the heating location of the panels for optimum adhesion.



IR Station

OPTIONS

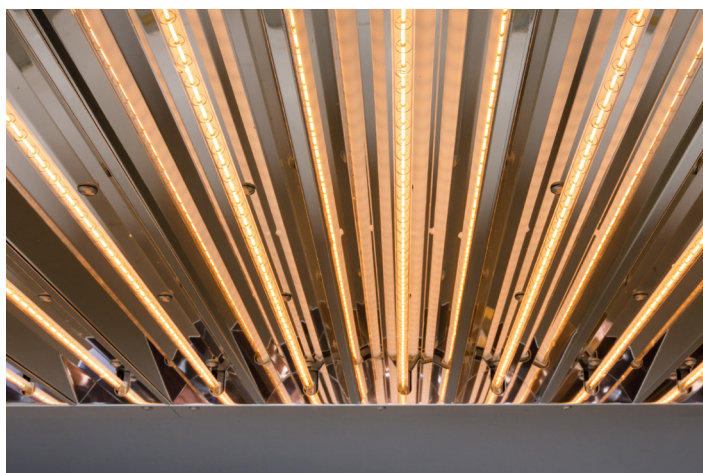
An extensive selection of options is available on all our machines.

For more information, contact us so that we can configure the machine to your requirements.



SPECIFICATIONS

Technical overview	IRS800	IRS1600	IRS2000	IRS2400
Treatment width (mm)	800	1600	2000	2400



IR lamps



Integrated in production line



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