Grafica-flashTex

Intelligent flash curing system

Grafica's flashTex is an extremely compact and versatile standalone flash curing unit that can be put into production quickly with complete ease and confidence.

The flashTex is designed to prevent any likelihood of scorching and waste as well as providing greater consistency to curing light inks on dark or dark inks on light.

Heated air is distributed evenly over the whole printed area, assisted by fans dispersing air through a purposely designed perforated plenum above the IR heating system, a great benefit when printing with water-based inks.

IR heater switches on the moment pallets start to move-warm-up time is something of the past, thus ensuring superior flash curing.

Its efficient microprocessor temperature controller has a feedback optical sensor to automatically turn off the heaters once the desired temperature set point has been reached (this is an optional available on request).

Double insulated wall fabrication notably reduces energy consumption by retaining heat while keeping the outside cool.

Highly efficient shortwave infrared heating system reaches preset flash curing temperature almost spontaneously to enhance overall production performance.

All flashTex curing units come with their own built-in electrical connecting system for quick and simple connection to Grafica's Automatic Direct to Garment Textile screen printing machines, thereby additional wiring or cables are no longer required.

A strong robust stand with precise height control is aligned by foot adjustors in each corner to ensure uniform flash curing results.

Technical Data

Technical Data	GF - 1012 NFT
Curing Area	10" x 12" (254 x 305 mm)
IR heaters	Short wave quartz infra red heaters 1000 x 6 = 6000w (230 V)
Electrical	220 V AC, Single Phase, 50 Hz, 27 Amps, 6 kW
Heater Box	17" L x 16.3" W (inch) (432 x 414 mm)
Dimension	2.4' L x 1.35' W x 3.5' H (ft) / 733 L x 413 W x 1060 H (mm)
Weight	25 Kg (55.12 lbs)

Technical Data	GF - 1620 NFT
Curing Area	16" x 20" (406 x 508 mm)
IR heaters	Short wave quartz infra red heaters 1000 x 12 = 12000w (230 V)
Electrical	4400 V AC, 50 Hz, 20 Amps per phase, 12 kW
Heater Box	27" L x 22" W (inch) (686 x 559 mm)
Dimension	3.4' L x 1.84' W x 4' H (ft) / 1025 L x 560 W x 1205 H (mm)
Weight	32 Kg (70.55 lbs)

Technical Data	GF - 2030 NFT
Curing Area	20" x 30" (508 x 762 mm)
IR heaters	Short wave quartz infra red heaters 1200 x 15 = 18000w (230 V)
Electrical	440 V AC, 50 Hz, 27 Amps per Phase, 18 kW
Heater Box	35.5" L x 24.5" W (inch) (902 x 622 mm)
Dimension	4' L x 2.04 W x 4' H (ft) / 1218 L x 622 W x 1205 H (mm)
Weight	50 Kg (110.23 lbs)

Technical Data	GF - 2436 NFT
Curing Area	24" x 36" (610 x 914 mm)
IR heaters	Short wave quartz infra red heaters 1200 x 18 = 21600 w (230 V)
Electrical	440 V AC, 50 Hz, 32 Amps per phase, 21.7 kW
Heater Box	42" L x 28.5" W (inch) (1067 x 724 mm)
Dimension	4.6' L x 2.4' W x 4' H (ft) / 1400 L x 722 W x 1205 H (mm)
Weight	63 Kg (138.90 lbs)

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Note:
1) The machine does not include servo stabilizer & other consumables.
2) For the safety of machine from excess voltage from main supply alway use servo stabiliser to deliver precise and constant power supply.
3) Continuous improvement is an ongoing exercise at Grafica Flextronica, hence technical specifications, features and data are subject to change without notice.

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