

ThermoFlex 20

The ThermoFlexX 20 with its maximum plate size of 635 x 508 mm (25 x 20") is the perfect fit for the medium web segment. It's an excellent choice for ambitious label printers who want their own productive imager and to remain independent whilst making plates in the shortest possible time. ThermoFlexX 20 is an ideal size to fit easily into available space with realistic costs for plate processing equipment and digital workflow.

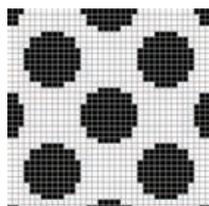
High quality imaging

The new generation optical system offers superior quality thanks to a unique design using leading edge technology. The fiber laser represents today's best technology for digital imaging, offering superior quality. The robustly designed ThermoFlexX is made using heavy duty industrial components, making high speeds possible without fluctuation and vibrations. This provides the most accurate and consistent imaging quality available today.

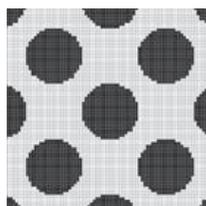
High Resolution

With 5080 dpi resolution, we push quality standards to a higher level.

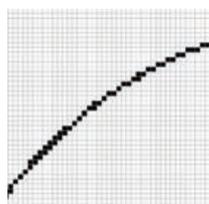
- smaller screen dots & finer details
- sharper text and line-work
- full image contrast
- greater production stability through platemaking and printing



2540



5080



Today packaging and pre-press is very straightforward. Why not make your own digital plates in-house?

Open

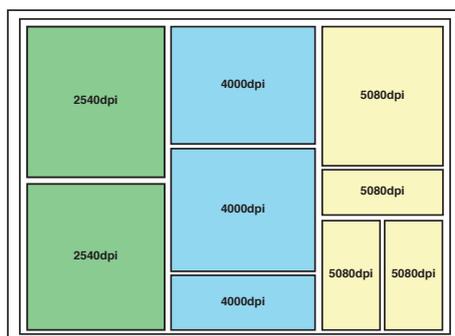
ThermoFlexX imagers excel in their choice of resolution. Any of the industry standards can be used. ThermoFlexX imagers can be integrated with any workflow or RIP that can produce 1 bit TIFF file format. Closed file formats such as LEN-files can be converted to 1 bit TIFF. ThermoFlexX can image all digital plates, any brand, solvent and water washable or thermal processing, and is compatible with all plate making equipment.

Convenient clamping

Operated by a pedal, the clamping system allows for seamless plate loading. While opening the clamps the drum is automatically locked for efficient positioning of the plate. A choice of clamps is available according to your plate material.

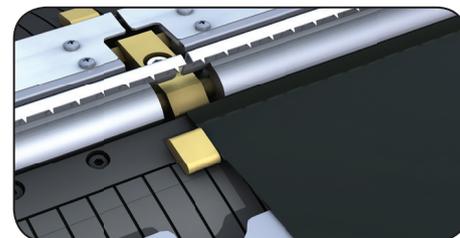
Multi Resolution

ThermoFlexX supports all 1 bit TIFF formats from any RIP at all standard resolutions 2400 - 2540 - 4000 - 4800 - 5080 dpi. Closed file formats such as LEN-files can be converted to 1 bit TIFF format. In the Multiplate software, TIFF's with different resolution can be combined on one plate.



Vacuum Slider

Optimum plate handling and manipulation avoids accidental damage. The vacuum slider, a unique feature on ThermoFlexX imagers, offers efficient operation for partial plates. By moving the slider to the edge of the plate the vacuum is concentrated beneath the plate, which eliminates the need for taping and film covering and still allows full speed imaging.



MultiPlate

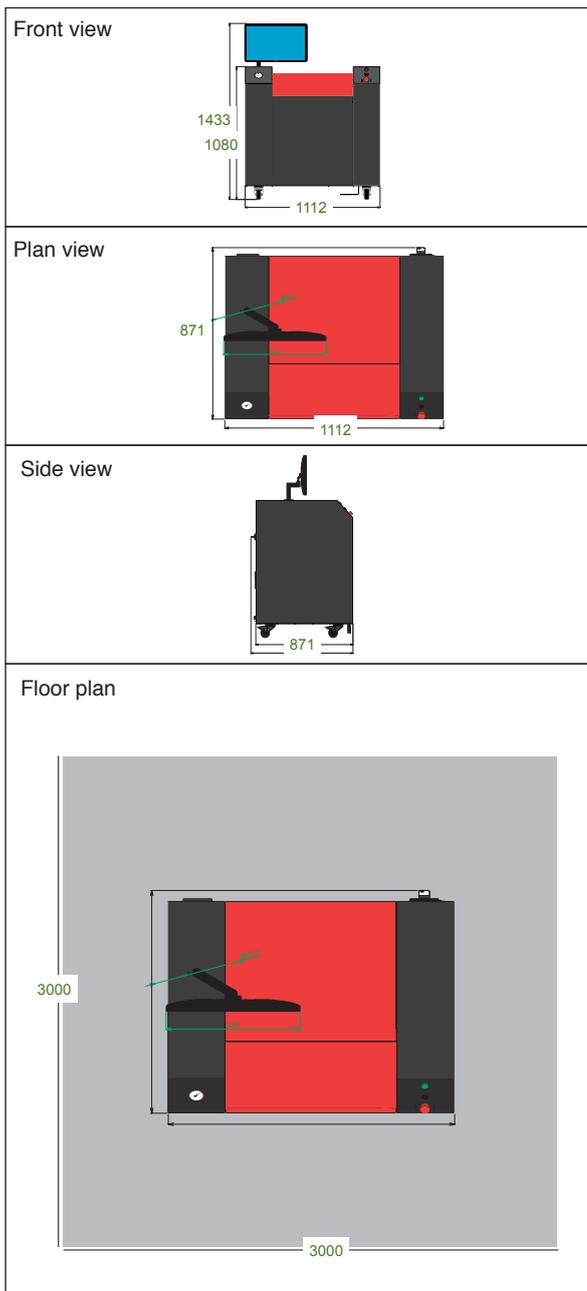
The new MultiPlate 4.0 has a look and feel interface providing amazing ease of use. 1 bit TIFF's are arranged automatically or manually and jobs of different resolutions can be combined. The status of different jobs is intuitively presented. With the search and filter tool you can easily find files, even if they are stored in an archive.



SPECIFICATIONS THERMOFLEXX 20

		20.2	20.3
Laser type	Fiber laser 1064nm		
Laser Power	20 W / 35 W		
Standard Resolution*		2400 2540	2400 2540
High resolution*		4000 4800 5080	4000 4800 5080
*By default one resolution (2400 or 2540dpi) comes with the imager. Additional resolutions are optional.			
Productivity 2400 dpi **		1,25	2,25
Productivity 5080dpi **		1,25	2,25
** Depending on plate type and quality requirements. Thicker plates are imaged 60% of the mentioned productivity.			
Image Quality	at 2540 dpi : up to 175lpi / at 5080 dpi : up to 250lpi		
Hybrid Drum option	Optional		
Customised register pins			
Customised magnetic zones			
Loading Table	Top loading table		
Clamping system	Operated by a foot pedal		
Resolution Change	Automatically		
Focus setting	Auto focus		
Plate loading	Manual		
Partial Plate handling	Vacuum Slider		
Maximum Plate sizes (drum dimensions)	635 x 508 mm or 25" x 20" (width: 635 mm / circumference: 508 mm)		
Plate thickness	0.73 to 3.94 mm 0.029 to 0.155"		
Mountable plate materials	Flexo plates and letterpress plates on polyester base Dry Films 0,2mm Digital Screens Gallus Screeny Optional: Metal back letterpress plates		
Applications	Label & Tag Folding Carton		
Top & Bottom clamp space	15 mm / 0,6"		
Machine Dimensions	Width: 1112mm / 44" Depth: 871mm / 35" Height: 1434mm / 57"		
Required Floor space	3000 x 3000 mm 118" x 118"		
Weight	300 kg / 661 lb		
Compressed Air	Not required		
Electrical connection	Voltage 1x230V (+/-5%), N, PE Frequency: 50 Hz -60 Hz power consumption: 2.3 kVA plug: CEE 7/4 "Schuko" Fuse: 12A		
Exhaust & Filter system	Internal filter system provided		
Vacuum system	Internal vacuum system provided		
Operating conditions	Humidity max 70% Temperature 15-26° / 59-79 F / (+/-2%)		
Multiplate Software Platform Specification	Windows 7 Professional Server 64 bit 3 Ghz Quad Core (4 cores with Hyperthreading) 16 GB RAM DVD ROM / Minimum 1 USB port for Dongle Dual 100/1000 Network Interface 1 TB hard disk		

standard optional



The above mentioned specifications are valid from 04-01-2016 and overrule all previous specs. There is no legal commitment towards the specifications, due to ongoing changes of the product.



V4 2017-04-13

www.thermoflexx.com
info@thermoflexx.com

XEIKON