XSYS

Print solid. Stay flexible.

TFxX 30

Be
brilliant.

HIGHEST QUALITY IMAGING

ThermoFlexX imagers deliver superior image quality, thanks to a unique design that incorporates laser fiber technology, recognized as the pinnacle in digital imaging. Crafted and engineered in Belgium by machine and laser imager design experts, these machines boast the finest heavy-duty industrial components meticulously assembled according to engineering standards.

EASY INTEGRATION

ThermoFlexX imagers are engineered to be open format, supporting any image resolution and seamlessly integrating with any workflow or RIP capable of generating industry-standard 1-bit TIFF files. Closed file formats like LEN can be effortlessly converted. Moreover, these imagers are compatible with all digital plates, regardless of brand or type, including solvent, water-washable, or thermal plates.

CONVENTIENT OPERATION

The ThermoFlexX 30 imager boasts a contemporary user interface, seamlessly navigable via a premium rotating touch screen. This interface presents machine controls, a comprehensive job list complete with parameters, and an intuitive imaging preview, ensuring effortless operation.

EASY PLATE HANDLING

Experience seamless plate handling with ThermoFlexX imagers. Our innovative vacuum slider ensures efficient loading of partial plates without the hassle of taping, while the pedal-operated clamping system simplifies plate loading by securing the drum in place while clamps are open. Say goodbye to accidental damage and hello to effortless plate manipulation.

HYBRID DRUM AND REGISTRATION OPTIONS

The TFxX 30 offers versatility with its optional hybrid drum, accommodating both standard flexo plates and metalback plates. Various plate registration options are available, along with user-friendly software for seamless image placement.

INTERNAL MEASUREMENT CELL

The revolutionary internal measurement cell enables automatic laser calibration, ensuring optimal consistency. Additionally, this system enables remote measurements for streamlined remote servicing.

TFxX 30

- Max. plate size 635x762mm (25 x 30″).
- Narrow & medium web segment.
- Tag & Label.
- Tubes, cups, cans with hybrid drum.
- Minimal footprint.

SMALL FOOTPRINT, FITS IN EVERY PLATEROOM

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brilliant.

ThermoFlexX 30

Technical characteristics	ThermoFlexX 30.2	ThermoFlexX 30.3	ThermoFlexX 30.5
Laser type	Fiber laser 1064nm		
Laser power	20 W	35 W*	50 W*
Standard resolution[1]	2400 2540	2400 2540	2400 2540
High resolution[1] 10.160 dpi for Security printing	4000* 4800* 5080*	4000* 4800* 5080*	4000* 4800* 5080*
Productivity 2400dpi [2]	1	2*	3*
Productivity 5080dpi [2]	1	2*	2.25*
Image quality	at 2540 dpi: up to 175lpi / at 5080 dpi: up to 250lpi		
Loading table	Top loading table		
Hybrid Drum option Customized register pins Customized magnetic zones	Optional		
Clamping system	Operated by a foot pedal		
Resolution change	Automatically		
Plate loading	Manual		
Partial Plate handling	Vacuum Slider		
Maximum Plate sizes (drum dimensions)	635 x 762mm or 25" x 30" (width: 635 mm / circumference: 762 mm)		
Plate thickness	0.73 to 3.94mm		
Mountable plate materials	Flexo plates and letterpress plates on polyester base Dry Films 0,2mm Digital Screens Gallus Screeny Optional: Metal back letterpress plates* Steel backed plates require hybrid drum option		
Applications	Label & Tag Folding Carton		
Top & Bottom clamp space	15mm / 0.6"		
Machine dimensions	Width: 1112mm / 44" Depth: 871 / 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: 1x230 V (+/-5%) N, PE Frequency: 50 Hz- 60 Hz power consumption: 2.3 kVA plug: CEE 7/4"Shuko" 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 10/11 pc with intel i5 processor or equal. min 16GB RAM 22" HD Screen or better 1TB Hard Disk Dual network interface		

Please contact us for additional information.

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02-2025

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