

WIDE-FORMAT THERMAL IMAGESETTERS

TECH *Styler*

FILM UP TO 14 INCHES WIDE

Direct Film Imaging



**Exceptionally Affordable
New Prepress Solution
for the Textile and Screen
Printing Industries**

A QUICK LOOK

- 14.25" media width
- 600 x 600 dpi resolution
- Imaging of up to 6 inches per minute
- Closed Loop Registration (CLR) control
- Multi-Level Pulsing (MLP)
- Optional Harlequin® RIP
- Requires NO inks, toners, cameras or disposal costs
- Automatic media cutter
- USB interface
- In-house production control
- Simple, hands-off operation
- Low maintenance
- Mac or PC RIP options

**NO Darkroom
NO Processor
NO Chemicals**

The OYO TECHStyler™ Wide-Format Thermal Imagesetter gives screen printers an exceptionally affordable, wide-format film output solution enabling the efficient printing of full body graphics right to the edge while producing full-size 600 x 600 dpi film up to 14" wide. OYO's Closed Loop Registration (CLR) control ensures tight registration and delivers both accuracy and consistency. The new TECHStyler is capable of producing professional, on-demand, film separations right in your own shop—without a darkroom, without a processor and without chemicals.

OYO Instruments' thermal imagesetter technology offers clear, compact, environmentally friendly solutions to artwork production, enabling you to eliminate outsourcing of large-format films and bring production-control in-house. OYO's unique, chemistry-free, dry-imaging ThermImpression® film requires absolutely no fixers, developers, inks or toners while providing UV densities that exceed industry standards.

The TECHStyler Thermoimpression System includes either a Harlequin or Wasatch software RIP solution. Both RIP packages offer PostScript® compatibility, while also supporting PDF, TIFF and EPS file formats. Each system configuration also includes traditional PostScript halftoning, as well as stochastic screening algorithms.

The bottom line: wider edge to edge printability, better day to day performance, improved resolution and registration, less waste, lower costs and affordable price.

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SPECIFICATIONS

Printhead Configuration	Single-substrate, thick film linear array
Printing Method	Direct thermal technology
Resolution	600 x 600 dpi
Media Drive	Stepper motor
Paper Type	Thermolmpression™ Proofing Media
Paper Length	200 foot roll
Film Type	Thermolmpression™ Polyester Film
Film Length	200 foot roll
Optical Density (Film)	4.0 typical (UV)
Registration Accuracy	±0.01% or ±0.002 in/20 in or 0.05 mm/500 mm
Interface	USB

OPERATING REQUIREMENTS

Voltage	115 or 220 VAC (Auto-switch)
Frequency	50-60 Hz
Power Usage	50 Watts idle mode 600 Watts plot/print mode
Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 158° F (-10° to 70° C) Humidity: 5 to 95% non-condensing
Media Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 86° F (-10° to 30° C) Humidity: 5 to 95% non-condensing



IMAGESETTER MODEL SELECTION CHART

Model	TECHStyler
Media Width	14.25 in (361.95 mm)
Plot Width	14.08 in (357.6 mm)
Plot Rate	6.14 in/min (155.96 mm/min)
Height	10.9 in (27.7 cm)
Width	23.5 in (59.69 cm)
Depth	20.5 in (52.1 cm)
Net Weight	72 lbs (32.7 kg)

Specifications are subject to change without notice.

LIMITED WARRANTY

OYO Instruments, LP warrants this product (excluding printhead) to be free from defects in material and workmanship for a period of one year from date of shipment. The thermal printhead is warranted for a period of three months from date of shipment.

Thermal printhead warranty may be extended to a full year with the execution of a film supply contract.

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