

# 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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### FILM UP TO 14 INCHES WIDE

#### SPECIFICATIONS

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

#### OPERATING REQUIREMENTS

<b>Voltage</b>	115 or 220 VAC (Auto-switch)
<b>Frequency</b>	50-60 Hz
<b>Power Usage</b>	50 Watts idle mode 600 Watts plot/print mode
<b>Temperature</b>	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
<b>Media Temperature</b>	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

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