



GRAPHIC SYSTEMS SERVICES

**MONOCHROME OR PROCESS COLOR CAPABLE**  
**SOLUTION FOR HIGH SPEED WEB INKJET PRINTING**

# TDC

## Tower, Dryer, Carriage System

**A CUSTOMIZABLE SOLUTION FOR INTEGRATING KODAK INKJET TECHNOLOGY ONTO EXISTING WEB PRESSES OR OFF LINE FINISHING EQUIPMENT**

TDC systems are designed for Kodak Prosper "S" Series and 6240 inkjet heads. Our inkjet towers are available in a variety of configurations to meet your specific needs. The inkjet tower can be placed in-line with your web press or finishing line for hybrid inkjet imprinting in simplex and duplex configurations.

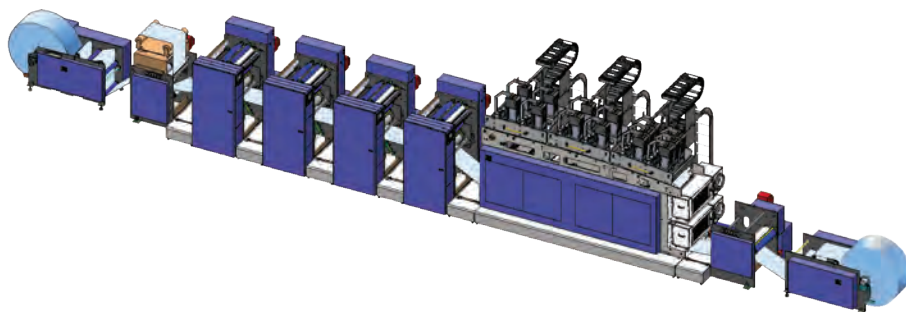
The TDC has precision rail to rail printhead positioning for process color registration that rivals offset presses. It communicates directly to Kodak's controller and a high speed camera system for automatic registration control.

For off line applications, auxiliary equipment such as an unwind, rewind, folder, sheeter, or coater are available from GSS.



### TDC BASIC SPECIFICATIONS

- Speeds up to 2,000 fpm
- Automatic color to color register control
- Adphos NIRWEB III drying systems
- Upgradeable
- 20" (508mm), 26" (660mm) or 38" (965") web widths



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400 South Pioneer Blvd  
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[www.gsspress.com](http://www.gsspress.com)  
(937)-746-0708

# TDC Systems for Kodak Inkjet Technology

THE GSS INKJET TOWER CAN BE PLACED IN LINE WITH YOUR CURRENT WEB PRESS TO PRINT MONOCHROME TEXT OR FULL PROCESS COLOR IMAGES.

THE GSS INKJET TOWERS ARE CUSTOM DESIGNED TO MEET YOUR UNIQUE REQUIREMENTS. OUR INKJET TOWERS CAN BE INTEGRATED ONTO ANY WEB PRESS.

01

## GENERAL SPECIFICATIONS

- TDC consists of the base tower, Adphos dryer and printhead carriage
- Web widths of 20" (508 mm), 26" (660 mm), 38" (965 mm) with custom widths optional
- Maximum operating speed of 2000 fpm
- Paper substrates from 60 to 160 gsm (.0025" to .007" caliper)

02

## BASIC CARRIAGE SPECIFICATIONS

- Two rail carriage can mount up to six S5, S10, S20, S30 or 6240 printheads
- Print modules can be moved manually or motorized
- Multiple print tower configurations for 2, 4, 6, 8, 10 rail systems
- Height and skew adjustments
- Precision tach roller and encoder

03

## PRINT TOWER OPTIONS

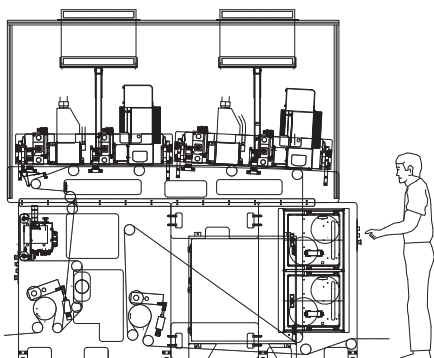
- Adphos dryers
- Web guides
- Web cleaners
- Web tension transducers
- Servo driven infeed and/or outfeed tension control system for automatic register control
- Turnbars
- Water chilled cylinders
- High speed cameras

04

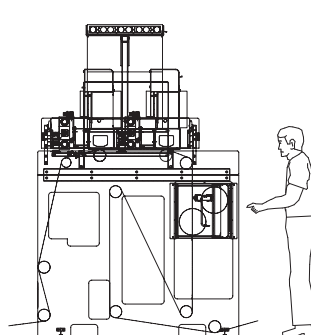
## KODAK PRINTHEAD SPECIFICATIONS

- 600 x 600 dpi at 1000 fpm , 600 x 300 dpi at 2000 fpm
- Auto aligning printheads can print 4.25" wide four color images with CMYK (four heads required for process color)
- Kodak Fluid Systems & Print Controllers
- Simple printhead replacement

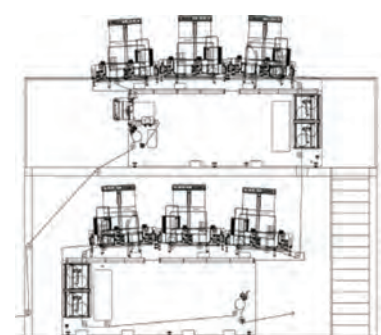
FOUR RAIL GSS TDC



TWO RAIL GSS TDC



TWO RAIL GSS TDC



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