



GRAPHIC SYSTEMS SERVICES

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

# TDC

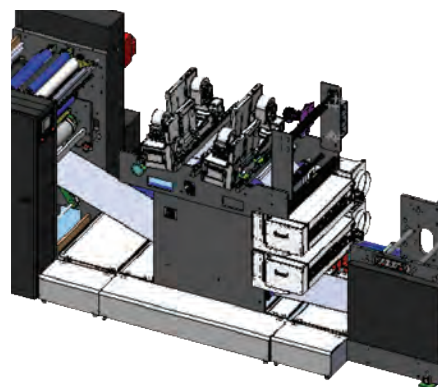
## Tower, Dryer, Carriage System

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

TDC systems are designed for HP C800 inkjet print modules. 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.

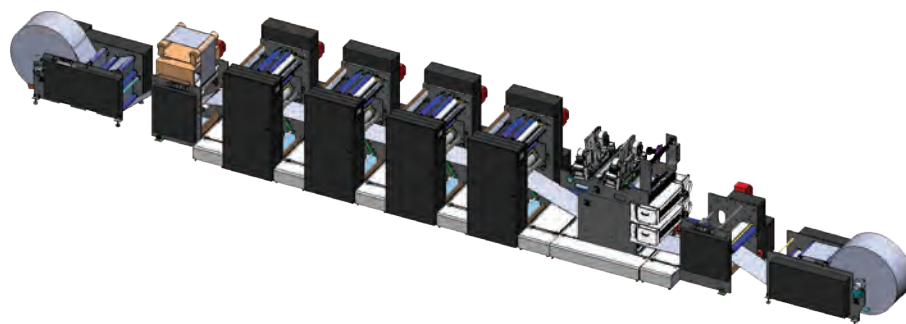
The TDC has precision rail to rail printhead positioning for process color registration that rivals offset presses.

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 800 fpm
- Adphos NIRWEB III drying systems
- Upgradeable
- 20" (508mm), 26" (660mm) or 38" (965") web widths



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400 South Pioneer Blvd  
Springboro, Ohio 45066

[www.gsspress.com](http://www.gsspress.com)  
(937)-746-0708

# TDC Systems for HP 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, dryer and printhead carriage
- Web widths of 20" (508 mm), 26" (660 mm), 38" (965 mm) with custom widths optional
- Maximum operating speed of 1000 fpm
- Paper substrates from 60 to 160 gsm (.0025" to .007" caliper)

02

## BASIC CARRIAGE SPECIFICATIONS

- Two rail carriage can mount up to four C800 modules
- Print modules can be moved manually or motorized
- 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

## HP PRINT MODULE SPECIFICATIONS

- All four process colors are in one printhead for simple integration
- 600 dpi at 800 fpm
- Two C800 heads can be stitched together to print 8" wide images
- Simple single color inkjet printhead replacement



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