

DIRECTJET PRO

Affordable, Robust Computer to Screen Imaging Solution

THE TIME IS NOW!

We combined our 15 years of computer to screen experience with today's most reliable ink jet technology to produce an industrial grade direct to screen system for the textile market at a price that allows a quick return on investment no matter how many screens your shop produces each year!

- ***Eliminate All Film Costs!***
- ***Reduce Pre-Press Steps by 50%!***
- ***Precise Imaging; Screen to Screen, Color to Color!***
- ***Low Cost, UV Blocking Ink!***
- ***No Pin Holes, No Touch Ups!***
- ***Faster Set Ups = More Prints per Press!***
- ***Z Axis Motion for Ultimate Head Protection!***



Made in America!



RICHMOND
Graphic Products, Inc.

Computer to Screen Direct Imaging System

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The Process and Benefits

Digitally prepared artwork is printed directly onto pre-coated screens using UV resistant, masking ink. The cost of film, chemicals, storage and associated labor is totally eliminated.

The lack of film, glass and vacuum draw down time eliminates pinhole re-touching and decreases exposure times by as much as 50%. The precise imaging capabilities of the DirectJet along with a 3 point registration/ hold down system delivers exacting repeatability; screen to screen, color to color, resulting in faster registration setups on press.

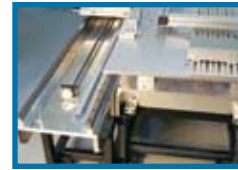
The finishing steps of screen exposure and washing away the uncured emulsion with water remains unchanged.

The DirectJet CTS provides significant time and material savings while producing quality screens.

Pre-press Workflow with the DirectJet



Heavy Duty Construction



When it comes to making screens we understand the importance of precision imaging. That is why we built a machine with an extremely stable foundation and platform

with commercial grade parts and features to deliver quality results day after day, year after year:

- **Box Beam Frame, Solid Steel and Aluminum Plate Construction**
- **Print head gantry moves over the screen held in place by a 3 point registration/screen hold down system**
- **Z axis motion with sensor beams to prevent head damage**

Why Purchase from Richmond?

Richmond has been manufacturing equipment for the screen and graphics industries since 1962. Our name is synonymous with quality of product and service. We have over 15 years of computer-to-screen knowledge and experience and we are committed to continuous improvement. Richmond is constantly looking at ways to provide state-of-the-art machinery that allows customers to excel in a highly competitive, global market.

Technical Specifications	
Imaging Technology	On Demand Ink Jet (Micro Piezo)
Resolution	720x720 (recommended for production) 1440x1440, 1440x2880
Halftones	Up to 100 lpi
Stencil Ink Chemistry & Density	Water Based, 4.2 UV resistance
Stencil Ink Delivery	Closed Loop, pressurized ink cartridge system
Print Direction	Uni and Bi Directional
Standard Frame Sizes	23"x31" (584x787mm) & 25"x36" (635x914mm)
Max Frame Size	32"x43" (813x1092mm)
Max Image Size	24"x30" (470x762mm)
RIP Software	Postscript compatible
Electrical	110V/220V, 50/60 Hz
Operating Environment	60-85° F (15-30° C), 50-80% humidity (non-condensing)
Weight	1100 lbs. (500kg)
Dimensions	76.5" deep x 57.5" wide x 53" high (2083x1422x1346mm)
Warranty	1 Year Limited Warranty



Richmond Graphic Products, Inc.
20 Industrial Drive, Smithfield, RI 02917
International: 401-233-2700
USA: 800-732-3788
FAX: 401-233-0179
Email: info@richmond-graphic.com
Internet: www.richmond-graphic.com

Member since 1984



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Content subject to change without notice.