

TriJet

Digital UV Inkjet License Plate Print System



High-Productivity, Cost Effective, Roll-to-Roll UV-LED Inkjet Printer for License Plate Applications

- ✚ Cost Effective Drop-on-Demand Piezoelectric Inkjet Technology
- ✚ Roll-to-roll Efficiency
- ✚ Print Any Graphics, Any Variable Data, In Any Order, At Any Time – True POD
- ✚ Long Life Ricoh Gen 6 Print Heads
- ✚ RIP2Print – Print Within Seconds of Beginning the RIP Process
- ✚ Variable Droplet Size Technology for Fine Graphic Detail, Smooth Gradients and Vivid Colors
- ✚ PDF Graphic Workflow
- ✚ DigiTag™ 2.0 and DigiTag™ VariData for Order Processing and Variable Data Control
- ✚ Automatic Web Guiding for Accurate Tracking of Sheeting and Placement of Graphics
 - Advanced Servo Drive System
 - Intelligent Tension Control
 - Auto Skew Adjustment
- ✚ Built-In Splice Table for Easy Roll Change and Reduced Down Time
- ✚ DigiTag™ TriJet IJ3000 Ink Sets Engineered for Demanding License Plate Standards
- ✚ DigiTag™ TriJet IJ3000 Ink Sets Engineered to be Fully Embossable
- ✚ DigiTag™ TriJet IJ3000 Ink Sets Engineered to Meet All Warranty Standards on Approved Reflective Film and with Approved Overlamine to 5 Year Durability

Technical Specifications

Print Technology	Drop On Demand Piezoelectric Inkjet
Print Modes	Table Printing; Scanning Roll-to-Roll Table; Scanning
Curing Equipment	UV-LED Lamps (2 360 degree 20-8W)
Ink Type	UV Curable, engineered for demanding license plate standards. Embossable without cracking, affecting print density or color. Fully warranted on approved substrates.
Ink Color Configurations	(CMYK) (CMYK+LcLm) (CMYK+V/W/Spot)
Ink Tanks	3 Liters per Color, Double Inlet Bulk Tanks with Level Sensors
Number of Print Heads	Up to 18
Print Resolution	600x720dpi - Two Pass (Selectable) 900x720dpi - Three Pass (Selectable) 1200x720dpi - Four Pass (Selectable)
Print Speed	600x720dpi - up to 2000 6"x12" Images per Hour 900x720dpi - up to 1500 6"x12" Images per Hour 1200x720dpi - up to 1200 6"x12" Images per Hour
Substrate Type	Reflective License Plate Sheeting
Approved Substrates	Avery Dennison Nippon Carbide
Unwinder Capacity	Rolls: 110 pounds max weight, 15" max diameter with 3" core
Scanning Bed Size	47.2" x 13.8"
Maximum Print Zone	43.3" x 12.8"; Roll-to-Roll up to 13" print width
Physical Dimensions	137.8" W x 35.4" D x 70.3" H
Environment - Operational	Temperature - 61-82°F Relative Humidity - 40-60%
Utility Requirements	Electrical - 50/ 60Hz; Voltage 230V±10%; Power 6.6KW/ 30A Air - 5 CFM 90 psi Exhaust - 6" dia 400CFM with Conditioned Air Make-up
Printer Control System	Dedicated, High Powered Processing with Integrated Control Interface with Security Level User Access and Physical Security
Software	Order Management - DigiTag™ Database Template Builder - DigiTag™ VariData RIP - NuviPRINT™ (PDF based Graphic Design Workflow) Print Management - PCS Print Control Software
Connectivity	PCIe Card; Fast Ethernet (100Mbit/s)

About Wald

Headquartered in Huntingdon, Pennsylvania, the John R. Wald Company, Inc. has been a leader in license plate manufacturing technology, equipment, solutions, supplies and service for almost 100 years.



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