



**World Class Printing
Systems
for Real World
Applications**

Streamline **PLUS**

BY SQUID INK



HIGH QUALITY PRINT FOR LESS

Squid Ink's Streamline + CIJ printing system is designed to print superior quality small characters on a variety of substrates: porous, non-porous, smooth, textured, curved, concave and more. Printing up to 5 lines of text, the Streamline offers a reliable, yet cost effective solution for virtually any small character primary packaging application.

INDUSTRIAL STRENGTH OPERATION

The Streamline was designed to meet the harsh demands of your application. Stainless steel cabinetry, reliable gear and diaphragm pumps, a 7" touchscreen keyboard and stainless steel printhead allow the Streamline to operate in the most extreme factory environments. In addition, the 3-meter printhead umbilical cord is heavy duty, yet flexible enough to reach your primary coding location. You can be confident that Streamline's rugged design will withstand the most abusive industrial environments.

MAXIMIZE YOUR UPTIME

The Streamline is designed with the low maintenance features that users have come to rely on from Squid Ink. Streamline's self-cleaning printhead allows quick and easy automatic start-up and shutdown. A simple press of a button commands the printer to go through a start-up cycle or flush the system for shutdown. When routine maintenance is required, pump components can be swapped out within minutes eliminating the need to purchase expensive pump assemblies or schedule costly service calls.

SIMPLE MESSAGE PROGRAMMING

Streamline's simple to use programmable interface for message creation and editing allows users the ability to program messages, graphics and logos without additional software. Streamline's built-in full size touchscreen keyboard allows quick and easy message programming and retrieval for up to 256MB of storage that can include expiration dates, Julian dates, shift codes, product counts and batch numbers. Resident software walks users through a series of prompts to program and save each message for printing on-demand, including a convenient Pinyin input mode for Chinese character editing. Message programming is simple and allows codes to be created, edited and printed within minutes.

AFFORDABLE INK JET CODING

Whether you are a seasoned pro, or if you have wanted to start printing codes on your products, but felt your budget restricted you from doing so, the Streamline offers a new level of economy. As the newest addition to Squid Ink's growing family of marking and coding systems, Streamline gives users a choice for their primary coding applications. Any way you look at it, Squid Ink's Streamline provides users with an affordable solution to meet their ink jet coding needs.

THE RIGHT SOLUTION

Rugged design. Low maintenance operation. User friendly software. Lower cost of ownership. Your benefits go on and on. When it comes to industrial ink jet printing, rely on Squid Ink to provide the right solution for your marking and coding needs.





SYSTEM SPECIFICATIONS:

- **Print Technology** - Continuous Ink Jet
- **Nozzle Size** - 60µm nozzle standard, 70µm and 50µm nozzle optional
- **Print Speed** - Up to 1,000 feet/minute (305m/min) 7x5 font matrix
- **Max Print Lines** - 5 lines @ 5x5 font, 4 lines @ 7x5 font matrix
- **Font Matrix Configurations** - 5x5, 7x5, 9x7, 12x10, 16x12, 24x18, 32x24
- **Character Height** - 0.07" - 0.59" (1.8mm - 15mm); up to 32 dot high font with single line of text
- **Throw Distance** - Up to 1.2" (30mm) distance from printhead to substrate
- **Touchscreen/Display** - Simple to use, 10.4 in touchscreen
- **Message Storage** - 2 GB message memory
- **Software Features** - Counter, lot counter, shift code, time and date, expiration date
- **Operating Features** - Print delay, reverse print, invert print, bold print, auto-start self-clean
- **CleanJet™** - Quick and easy start/stop process for automatic self-cleaning operation
- **Communication Inputs** - Photocell/trigger, encoder, reverse print, external counter increment
- **Communication Outputs** - Alarm light (3-color), print ready, warning
- **Ports** - USB, ethernet, and RS-232
- **Printhead** - Compact and durable stainless steel design, omni-directional set-up capability
- **Printhead Dimensions** - 4.9" (124mm) long, 1.7" (44mm) in diameter, 1.6" (41mm) in height

SYSTEM SPECIFICATIONS (CONTINUED):

- **Printhead Cable** - Vinyl-covered armored conduit, 10' (3m) umbilical length
- **Cabinet Construction** - Wall mountable or free standing stainless steel cabinet
- **Cabinet Dimensions** - 13" (330mm) x 11" (280mm) x 18.9" (480mm)
- **Electrical Requirement** - 100/240VAC, 50/60Hz
- **Operating Environment** - 5° - 45°C
- **Humidity Range** - 30 - 95% relative humidity, non-condensing
- **Weight** - 57 lbs. (26kg)
- **Inks** - Comprehensive range of inks for a variety of applications and industry requirements including MEK, Acetone, and Ethanol-base; colors and soft pigment formulations available; no chips or RFID tags to deal with

OPTIONAL ACCESSORIES

- **Print Trigger** - Optical, fiber optic, ultrasonic, laser, metal proximity, capacitive proximity
- **Encoder** - For operation with variable speed conveyors
- **Low Ink Light** - Alerts users of low ink situations
- **Scan and Print** - Allows message selection via bar code scanner
- **Mounting Brackets** - Fully adjustable printhead floor stand eliminates vibration from conveyor
- **Stands** - Stainless cart with two shelves to hold CIJ cabinet and supplies, includes casters
- **Printhead Pressurization Kit** - Requires plant air
- **Cleaning Kit** - Includes tools and supplies for cleaning
- **Installation and Training** - On-site installation and training available



USP Packaging Solutions Private Limited.

Old No.15/1, New No.37, Dr. Muthulakshmi Salai,
Lattice Bridge Road, Adyar, Chennai 600 020, INDIA.
Tel : +91 44 24413020, e-mail: sales@usppkg.com,
URL: www.usppkg.com.

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coding and beyond