



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



# Streamline 5<sup>®</sup>

BY SQUID INK

## HIGH QUALITY CODES FOR LESS

Squid Ink's Streamline 5 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 package coding application.

## A NEW LEVEL OF TECHNOLOGY

Streamline 5 offers users the latest in today's technology. Unlike any other CIJ printer on the market, Streamline 5 does not require a built in display screen. Streamline 5 operates with a wireless or wired touchscreen tablet running Squid Ink's powerful Orion software, allowing users the option of controlling their printers on the production floor, or networking multiple systems from one central location. One tablet may be used to communicate with multiple Streamline printers or any other Squid Ink case coding printer using the Orion software platform.

## 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. Operating costs are minimized with low solvent consumption. In addition, the Streamline utilizes ink and make-up manufactured directly by Squid Ink, eliminating the layered costs incurred by most competitive CIJ manufacturers who don't make their own inks. Any way you look at it, Squid Ink's Streamline provides users with the lowest total cost of ownership in its class.

## MAXIMIZE YOUR UPTIME

The Streamline 5 is designed with the low maintenance features that users have come to rely on from Squid Ink. Streamline's self-cleaning printhead with CleanJet™ maintenance routine 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, components can be swapped out within minutes eliminating the need to purchase expensive filter and pump assemblies or schedule costly service calls. In addition, annual PMs can be made in minutes simply by swapping the entire ink system with an affordably priced refurbished system.

## THE CHOICE IS YOURS

Changing fluids in the Streamline 5 is a simple, fast, and clean process. Clean cartridges of ink and make-up can be replaced in seconds without having to stop production. In addition, no chips or RFID tags are used to lock users into a fluids hostage situation with the printer manufacturer. As a proven ink manufacturer, Squid Ink offers a comprehensive range of inks for a variety of applications and industry requirements.

## THE RIGHT SOLUTION

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





**1)** The revolutionary Streamline 5 will operate with or without a wireless tablet, or it can be networked to run from a central location.

**2)** Streamline's entire ink system can slide out for routine maintenance or it can be completely replaced in minutes for annual PMs.

**3)** The Streamline 5 printhead features CleanJet™ technology for automatic one button self-cleaning operation.

**4)** A comprehensive range of inks for MEK, Acetone, or Ethanol-based inks are available for a variety of applications and industries.

## SYSTEM SPECIFICATIONS

- **Print Technology** – Continuous Ink Jet
- **Nozzle Size** – 70µm nozzle standard, 60µm and 50µm nozzle optional
- **Print Speed** – Up to 1,000 feet/minute (305m/min) 5x5 font matrix
- **Max Print Lines** – 5 lines @ 5x5 font, 4 lines @ 7x5 font matrix
- **Font Matrix Configurations** – 5x5, 7x5, 9x7, 12x12, 16x16, 24x24, 32x32
- **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** – Revolutionary wi-fi tablet HMI, printer may run with/without tablet; one tablet may be used to communicate with multiple Streamline printers or other Squid Ink printing systems using Orion software platform
- **Message Storage** – Virtually unlimited
- **Software Features** – Bar codes, graphics, counter, lot counter, shift code, time and date, expiration date
- **Operating Features** – One button print start/stop, control print delay, reverse print, invert print, bold print, auto-start self-clean
- **CleanJet™** – Quick and easy one button 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** – Ethernet, RS-232, 3 USB ports for communication/wi-fi, alarm, tablet charging
- **Printhead** – Compact and durable stainless steel design, omni-directional print capability
- **Printhead Dimensions** – 9.25" (23.5cm) long, 1.5" (3.8cm) in diameter
- **Printhead Cable** – Vinyl-covered armored conduit; 9.8' (3m) umbilical length standard; 13.1' (4m) optional
- **Cabinet Construction** – Stainless steel cabinet
- **Cabinet Dimensions** – 18" (46cm) H x 16.25" (42cm) W x 12.5" (32cm) D
- **Electrical Requirements** – 90 - 240 VAC, 50/60Hz

## SYSTEM SPECIFICATIONS (CONT.)

- **Operating Environment** – 32°F - 140°F (0°C - 60°C)
- **Humidity Range** – 30 - 95% relative humidity, non-condensing
- **Weight** – 46 lbs. (21kg)
- **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
- **AutoData & Database Message Server** – For communication and automatic population of message fields from a database
- **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



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7041 Boone Avenue North, Brooklyn Park, MN 55428  
 (763) 795-8856 1 (800) 877-5658  
 www.squidink.com info@squidink.com



ENGAGE technologies corporation