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

AUTO|*Pilot*

THE AUTOPILOT ADVANTAGE

Squid Ink introduces the AutoPilot™ printing system, a feature-rich hi-resolution printing system available at an entry level price. Squid Ink's AutoPilot printing system offers several advantages over competitive HP® or Lexmark® based printing systems. With the AutoPilot, users can expect 30% larger print, the ability to upgrade to a 2nd printhead, message programming via touchscreen user panel, the ability to print bar codes with standard systems, the ability to print on a variety of porous and non-porous surfaces, and much more.

DESIGNED TO MEET YOUR DEMANDS

Squid Ink's AutoPilot printing system will print up to .7" of hi-resolution characters, razor-sharp text, scannable bar codes, and great looking logos. Users can run up to two printheads from a single touchscreen controller to maximize efficiency and print on opposite sides of a case if needed. The AutoPilot is capable of running oil-based or solvent-based inks at 180 dpi on a variety of substrates. For non-porous applications, users have the option of utilizing Squid Ink's optional Quick-Dri head to reduce ink drop size and speed up dry times.

PRINTING MADE EASY

The AutoPilot utilizes a user-friendly touchscreen controller to program, save and print messages. Message programming or editing can be done right at the production line to accomodate any last minute code changes. In addition, the built-in software automatically calculates ink usage for each message so you can modify your messages and control your consumable costs.

MAXIMIZE YOUR UPTIME

The AutoPilot is designed to meet the harsh demands of your application. CE, TUV, and FCC certified, the AutoPilot features a durable touchscreen, industrial strength resin printer construction, and allows the AutoPilot to operate in the most extreme factory environments. In addition, Squid Ink's PZ-1000 ink for porous substrates offers low-maintenance performance, eliminating the need for auto-priming functions and offering better ink utilization than competitive systems. You can be confident that AutoPilot's rugged design will withstand the most abusive industrial environments while providing superior quality print.
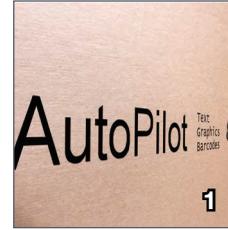
AFFORDABLE INK JET CODING

Whether you are a seasoned pro, or if you have wanted to start printing high quality codes on your products, but felt your budget restricted you from doing so, the AutoPilot offers a new level of economy. In addition, the AutoPilot utilizes ink manufactured directly by Squid Ink, eliminating the high ink costs of HP® or Lexmark® systems. Any way you look at it, Squid Ink's AutoPilot provides users with an affordable solution to meet their ink jet coding needs.

THE RIGHT SOLUTION

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

1) AutoPilot offers premium print quality for razor-sharp logos, small character text and scannable bar codes.

2) Ability to run up to two printheads from a single controller.

3) AutoPilot utilizes oil-based or solvent-based inks for printing on a wide range of porous and non porous surfaces.

4) 200ml ink cartridges offer simple and clean ink changes.

SYSTEM SPECIFICATIONS:

- **Print Technology -** Piezo impulse printhead technology
- **Maximum Print Height -** .7" (1.8 cm) per printhead
- **Vertical Print Resolution -** 180 dpi capable of printing razor-sharp graphics, small character text, and scannable bar codes
- **Horizontal Print Resolution -** 180 dpi
- **Print Speed -** Up to 135 feet/min. (41 m/min.) @ 180 dpi
- **Time & Date -** Internal real time clock with battery back-up
- **Product Sensor -** Built in product sensors automatically manage triggering. Optional external photocell and/or encoder
- **Communication Interface -** Two USB host and one ethernet input
- **Touchscreen -** 12.1" (30 cm) full color touchscreen display
- **Ink Cartridge Volume -** 200ml
- **Integrated Ink System -** Allows mechanical rotation of printhead to accommodate tilt conveyors or web applications; 0-90 degrees counterclockwise (LEDs facing up); 0-45 degrees clockwise (ink cartridge facing up); 0-90 degrees (printhead facing down)
- **Low Ink Indicator -** LED on printer and message alert on touchscreen, LED light beacon optional
- **Substrate Capabilities -** Porous or Non-Porous surfaces
- **Electrical Requirements -** 100 - 240 VAC, 50/60 Hz
- **Agency Certifications -** CE, TUV, FCC

OPTIONAL ACCESSORIES

- **ImageMaster TouchXF Software -** Allows touchscreen controller to run two printheads
- **Encoder -** For operation with variable speed conveyors
- **Bar Code -** Laser Scanner allows scan and print message retrieval
- **External Light Beacon -** Indicates low ink levels

SOFTWARE SPECIFICATIONS

- **Time & Date -** Full time and date functionality including expiration date and Julian Dates.
- **Item Numbering -** Four counters plus daily counter with ImageMaster Touch software
- **Shift Codes -** Four programmable shift codes with automatic rollover
- **Bar Codes -** All standard bar codes including 2D
- **Fonts -** Arial, Arial Bold, Arial International, Arial Monospaced, Courier, Tahoma Bold, and Lucida resident fonts for use with variable data elements. Static elements in any Windows® font
- **Logos -** Any Windows bitmap in 1-bit (black/white) format
- **Printing Features -** Reverse, invert, inverse, rotate, repeat. Print on/off button
- **Message Length -** Limited by substrate length – up to 120"
- **Number of Messages -** 8GB storage space will store approximately 2000 messages
- **Ink Usage -** Automatically calculated for each message and displayed on touchscreen
- **User Prompts -** Prompts for user input at start of print job
- **Languages** English, Spanish, Chinese, Italian, Portuguse, Japanese, and German versions available

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SQUID INK

SQUID INK	EASTEY	AFM	COGENT TECHNOLOGIES
CODING & MARKING SOLUTIONS	CASE SEALING & SHRINK PACKAGING EQUIPMENT	SHRINK SLEEVE & LABELING SOLUTIONS	INFRARED INK DRYING FOR MAILING & PACKAGING

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