

# AUTOPILOT™ PRINTING SYSTEM

**Experience  
The AutoPilot  
Advantage**



## **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 barcodes 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 to print on a variety of substrates. Best of all, AutoPilot's 180 dpi print resolution meets your application needs for quality coding and marking.

## **Printing Made Easy**

The AutoPilot's touchscreen controller features ATM-simple, easy-to-follow user prompts to program, save and print messages. Message programming or editing can be done right at the production line, or in the convenience of an office, and uploaded to the AutoPilot via USB or ethernet. 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. UL, CE, and CSA 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. As the newest addition to Squid Ink's growing family of marking and coding systems, the AutoPilot gives users more choices for their coding applications. 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.

GO WITH THE FLOW.

**SQUID INK**  
MANUFACTURING

# AUTOPILOT

## PRINTING SYSTEM

### AutoPilot Printing System Components

- Up to two .7" printer(s) with data cable(s)
- Touchscreen controller for message creation
- Mounting bracket(s) for printer(s)
- Swivel arm mounting bracket for touchscreen controller



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



**Ability to run up to two printheads from a single controller.**



**Color touchscreen display offers ATM-simple software for message creation and recall.**



**200ml ink cartridges offer simple and clean ink changes.**

### AutoPilot Printing System Specifications

|                                    |   |
|------------------------------------|---|
| <b>Print Technology</b>            | Piezo impulse printhead technology  |
| <b>Maximum Print Height</b>        | .7" (1.8 cm) per printhead  |
| <b>Vertical Print Resolution</b>   | 180 dpi capable of printing razor-sharp graphics, small character text, and scannable bar codes |
| <b>Horizontal Print Resolution</b> | 180 dpi   |
| <b>Print Speed</b>                 | Up to 135 feet/min. (41 m/min.) @ 180 dpi   |
| <b>Time &amp; Date</b>             | Internal real time clock with battery back-up   |
| <b>Product Sensor</b>              | Built in product sensors, optional external photocell   |
| <b>Communication Interface</b>     | Two USB host and one ethernet input   |
| <b>Touchscreen</b>                 | 12.1" (30 cm) full color touchscreen display  |
| <b>Ink System</b>                  | 200ml ink cartridge   |
| <b>Low Ink Indicator</b>           | Warning messages alert user on the printer and touchscreen, LED light beacon optional           |
| <b>Substrate Capabilities</b>      | Porous or Non-Porous surfaces   |
| <b>Electrical Requirements</b>     | 90 - 264 VAC, 50/60 Hz  |
| <b>Operating Environment</b>       | 34°F - 104°F (1° - 40°C)  |
| <b>Storage Environment</b>         | 0°F - 140°F (-18° - 60°C)   |
| <b>Agency Certifications</b>       | UL, CE, and CSA certified   |

### AutoPilot Software Specifications

|                              |  |
|------------------------------|--|
| <b>Time &amp; Date</b>       | Multiple formats including: 3-letter, 2-digit, 1-letter month; 3-letter or 2-digit day; 2-digit hour; 2-digit minute; 2-digit second; 4-digit or 2-digit year; 2-digit week; 24-hour clock or 12-hour clock with AM or PM; Julian date |
| <b>Item Numbering</b>        | One counter plus daily counter with ImageMaster Touch; four counters plus daily counter with ImageMaster TouchXF   |
| <b>Shift Codes</b>           | Four programmable shift codes with automatic rollover  |
| <b>Bar Codes</b>             | Code 39, Interleaved 2 of 5, UPC-A, EAN-8, EAN-13, Code 128, UCC-128, SCC 14, SSSC-18, Postnet, MSI, DataMatrix and PDF417 bar codes standard  |
| <b>Fonts</b>                 | On the fly generation of TrueType® fonts   |
| <b>Logos</b>                 | Requires ImageMaster TouchXF upgrade   |
| <b>Printing Features</b>     | Reverse, invert, inverse, rotate, repeat, variable print density   |
| <b>Auto Setup</b>            | Built in product sensors automatically determine product speed and direction based on product length   |
| <b>Message Length</b>        | Limited by substrate length – up to 120"   |
| <b>Number of Messages</b>    | 1GB storage space will store approximately 1000+ messages  |
| <b>Ink Usage</b>             | Automatically calculated for each message and displayed on touchscreen   |
| <b>User Prompts</b>          | Requires ImageMaster TouchXF upgrade   |
| <b>Database Connectivity</b> | Requires ImageMaster TouchXF upgrade, allows printing from variable fields   |
| <b>Software Utilities</b>    | PC ImageMaster software  |
| <b>Languages</b>             | User selectable between English, Spanish, and Chinese  |

### AutoPilot Optional Accessories

|                                     |   |
|-------------------------------------|---|
| <b>ImageMaster TouchXF Software</b> | Increases software capabilities to run two printheads, print logos, ability to use auto data and database functions |
| <b>Encoder</b>                      | For operation with variable speed conveyors   |
| <b>Bar Code Laser Scanner</b>       | Allows scan and print message retrieval   |
| <b>External Light Beacon</b>        | Indicates low ink levels  |
| <b>Starter Kit</b>                  | Includes ink, cleaner and flush solution, printhead wipes, hand cleaner and latex gloves                            |



### Marking the future of on-demand printing®

7041 Boone Avenue North • Brooklyn Park, MN 55428 • Ph 1-800-877-5658 • 763-795-8856 • Fx 763-795-8867  
www.squidink.com • email: info@squidink.com

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