AUTO*PILOT*™ 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.

AutoPilot Printing 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, optional external photocell
Communication Interface	Two USB host and one ethernet input
Touchscreen	12.1″ (30 cm) full color touchscreen display
Ink System	200ml ink cartridge
Low Ink Indicator	Warning messages alert user on the printer and touchscreen, LED light beacon optional
Substrate Capabilities	Porous or Non-Porous surfaces
Electrical Requirements	90 - 264 VAC, 50/60 Hz
Operating Environment	34°F - 104°F (1° - 40°C)
Storage Environment	0°F - 140°F (-18° - 60°C)
Agency Certifications	UL, CE, and CSA certified

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

AutoPilot Software Specifications

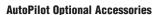|	
Time & Date	Multiple formats including: 3-letter, 2-digit, 1-letter month; 3-letter or 2-digit day; 2-digit hour; 2-digit minute; 2-digit second; 4-digit or 2-digit year; 2-digit week; 24-hour clock or 12-hour clock with AM or PM; Julian date
Item Numbering	One counter plus daily counter with ImageMaster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

200ml ink cartridges offer simple and clean ink changes.

AutoPilot Optional Accessories

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

SQUID INK

Marking the future of on-demand printing®

PMMI