CoPILOT™ *PRINTING SYSTEM*

The Competitive Advantage

Squid Ink introduces the CoPilot printing system, a feature-rich hi-resolution printing system available at an entry level price. Squid Ink's CoPilot printing system offers several advantages over competitive HP® or Lexmark® - based printing systems. With the CoPilot, users can expect 30% larger print, increased throw distance, 5 times larger ink volume, the ability to upgrade to a 2nd printhead, and much more.

Industrial Design, User Flexibility

The system is capable of running oil-based or solvent-based inks to print up to 185 dpi at 135ft/min on a variety of substrates and provides darker print for increase scannability. For non-porous applications, users have the option of utilizing Squid Ink's solvent-based CoPilot to print on a variety of non-porous products like plastics, glass, stretch wrap, metals and more.

Printing Made Easy

CoPilot's 4.3″ full color touchscreen provides access to the system's internal messages and print functions. Messages are created and edited on Squid Ink's easy-to-use Orion™ PC Software and transferred via Ethernet or USB device. For larger applications, multiple Jetline printing systems can be connected via Ethernet or wirelessly and controlled through one central Orion print station.

Maximize Your Uptime

The CoPilot is designed to meet the harsh demands of your application. CE and TUV certification pending, the CoPilot features a durable touchscreen in stainless steel cabinet, industrial strength printhead construction, and print engines designed for industrial applications, not office applications. 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 CoPilot's rugged design will withstand the most abusive industrial environments while providing superior quality print.

Affordable Ink Jet Coding

As the newest addition to Squid Ink's growing family of marking and coding systems, the CoPilot gives users more choices for their coding applications. In addition, the CoPilot 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 CoPilot 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 and 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

CoPILOT
PRINTING SYSTEM

CoPilot Printing System Components
- Up to two .7″ printheads with data cable(s)
- Color touchscreen controller for message recall
- Photocell sensor
- Mounting bracket(s) for printer(s)

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

Run up to two printheads from a single controller.

CoPilot utilizes oil-based or solvent-based inks for printing on a wide range of porous and non porous surfaces. The optional Quick-Dri head reduces drop size for faster dry times.

CoPilot's 4.3" full color touchscreen provides access to the systems internal messages and print functions.

CoPilot Printing System Specifications

Print Technology	Piezo impulse printhead technology
Maximum Print Height	.7″ (1.8 cm) per printhead
Vertical Print Resolution	185 dpi capable of printing razor-sharp graphics, small character text, and scannable bar codes
Horizontal Print Resolution	205 dpi
Print Speed	Up to 135 feet/min. (41 m/min.) @ 205 dpi
Time & Date	Internal real time clock with battery back-up
Product Sensor	External photocell. Optional encoder
Communication Interface	One USB host and one Ethernet input
Touchscreen	4.3″ (10.9 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; 0-45 degrees clockwise (ink cartridge facing up)
Low Ink Indicator	Message alert on touchscreen, LED light beacon optional
Substrate Capabilities	Porous or Non-Porous surfaces
Electrical Requirements	100 - 240 VAC, 50/60 Hz
Operating Environment	34°F - 104°F (1° - 40°C)
Storage Environment	0°F - 140°F (-18° - 60°C)
Agency Certifications	CE, TUV pending

CoPilot 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; fully customizable 1, 3, and 20 digit month and day of the week codes
Item Numbering	Sixteen counters, one of which can be a daily counter
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 ITF, SCC-14 28, SSCC-18, MSI, DataMatrix, QR, and PDF417 bar codes standard dynamic. Other barcodes can be printed as static bitmaps
Fonts	Arial, Arial Bold, Courier, Tahoma Bold and Lucida resident fonts for use in variable data elements. Static elements in any Windows® font
Logos	Most image files supported with Orion Graphical Interface Software
Printing Features	Reverse, invert, rotate, repeat. Print on/off button
Message Length	Limited by substrate length – up to 120″
Number of Messages	1GB storage space will store approximately 1000+ messages
Ink Usage	Shown in Orion™ PC Software
Languages	English

CoPilot Optional Accessories

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

Marking the future of on-demand printing®