

Weber[®]

Packaging Solutions



bestCode[®]
continuous innovations

BestCode's Series 8. Next generation marking and coding.

High speed. Non-contact. 5-Year Warranty. Continuous ink jet printing systems.

BestCode Industrial Marking and Coding Systems print best by, lot code, sell by, expiration codes and other identifying marks and codes on industrial and consumer goods to ensure product traceability.



A complete range of small character printing systems.

Series 8 systems print high speed, reliable marks and codes on a wide range of substrates, including plastic, glass, paper and more.

82

Designed for basic applications printing 1 or 2 lines of text, barcodes and graphics. Typical applications mark and code 1 or 2 shifts per day, 5 days per week – 2,000 to 4,000 hour annual operation..

86

Designed for high speed applications printing 1, 2, or 3 lines of text, barcode and graphics. Typical applications mark and code 1 or 2 shifts per day, 5 days per week – 3,000 to 5,000 hour annual operation, with high speed production line speeds.

88

Designed for high speed / high use applications, printing 1, 2, 3, 4 or 5 lines of text, barcode and graphics. Typical applications mark and code 2-3 shifts per day, 5-7 days per week – 6,000 to 9,000 hour annual operation, with higher speed production line speeds.

88S

Model 88S Specialized Solution systems is a complete range of printing systems for unique applications and industries. These include the Model 88S Extreme, Model 88S Food Grade, Model 88S High Speed, Model 88S High Speed One, Model 88S Opaque, Model 88S Opaque High Speed, Model 88S Micro. See specific datasheets for more information.



CLEAN
start 

1 minute
Ready to print

Ink range. A range of quick to immediate dry inks have been developed for use with Series 8 printing systems. Inks available include MEK, Acetone, Ethanol, and Acetone/Ethanol blend based inks. Multiple colors are available and a number of specialty fluids for unique applications.



10.4"

Color LCD Touch Interface



Clearer and simpler to operate.

A large, 10.4" Color Touch Display is employed to allow easy visualization of all operating information. Operating functions are large, intuitive icon-based buttons, making full use of color as status indicators. This WYSIWYG environment provides the most realistic view of creating your print message. Using "drag and drop" field based message, a graphical screen provides exacting location of your message format.

BestCode products are designed for the global market. Systems use multi-national character sets, featuring multiple languages and Unicode character printing – over 60,000 characters.



Bottles drain completely so you can print every drop.

External fill fluid addition allows on-the-fly ink and solvent filling without opening the enclosure. The large, clean, mistake-proof intelligent one quart fluid containers are sized differently eliminating the risk of adding solvent or ink into the wrong tank, while extending time between fluid additions. The quart ink and solvent bottles know their fluid type and shelf life.

LargeVolume™ ink and solvent tanks.

High-volume, demanding print applications are achieved with minimal user intervention. Tanks hold multiple liters of fluids for extended run time. Ink tank volumes can operate multiple months between additions. Solvent tank volumes can operate 1000+ operational hours between additions.

1000+
hours
Operational



EcoTec™ fluid management system.

Reduces solvent consumption, lowering overall cost of ownership while extending the time between solvent additions and filter replacements.



EcoTec™ is a proprietary ink tank, reduced cycle pump, SmartFilter™ and a twin trap vapor condensing unit purposely designed for CIJ Technology. The ink tank is designed to last the life of the system. The reduced-cycle pump extends pump life and lowers fluid operating temperature, resulting in lower evaporation rates.

Vapor condensing and reduced solvent evaporation lowers overall ownership cost and reduces interaction time adding solvent to the system. Filters know their install date, keeping track of usage and alerting you when the ink filter should be replaced. Quick change, extended life filters operate up to 10,000 hours – 12 months.

TempSense™ ventilation.

Using automatic detection systems, variable fan speeds and highly efficient air flow, TempSense™ ensures the system operates in the correct temperature range. High-volume air filters operate 12 months between service intervals.



Printhead	Continuous Ink Jet (CIJ) Technology, Single Printhead Control			
User Interface	10.4" (264mm) Color LCD, Touch Screen, Icon based - Graphical User Interface (GUI)			
Lines of Print	1-2 Lines, 16 pixel	1-3 Lines, 25 pixel	1-5 Lines, 32 pixel	1-4 Lines, 32 pixel
Print Fonts	5, 7, 9, 12, 16,	5, 7, 9, 12, 16, 19, 25	5, 7, 9, 12, 16, 19, 25, 32	
Adjustable Print Height	.06" (1.5 mm) - .75" (19 mm)	.06" (1.5 mm) - .75" (19 mm)	.06" (1.5 mm) - .75" (19 mm)	.06" (1.5 mm) - .75" (19 mm)
Storage	4GByte Solid State Drive, 16 MByte Flash, 128 MByte RAM, USB Interface (thumb drive)			
Machine Interface	RS232	RS232	RS232, Ethernet	RS232, Ethernet
Inputs	1 Photocell, 1 Photocell or Programmable Input, 1 Shaft Encoder, 8 Programmable - Field programmable input, remote message selection option - 256 possible selections			
Outputs	4 Programmable Alarms (open collector, 150mA sink), 1 Programmable Dry Contact Relay External Power (+24VDC 500mA)			
Enclosure	Stainless Steel Enclosure			
Ingress Protection	IP55	IP55	IP65	IP65
Filter Life	2,000 hours	5,000 hours	10,000 hours	10,000 hours
Operating Environment	Temperature: 32°—122° F (0°—50° C), % Relative Humidity: 10—90% (non condensing)			
Electrical Requirements	Auto Ranging: 100—240 VAC (3 Amp), Frequency: 50—60Hz, Power Consumption: 50 watts			
Compliance	CE Certified, RoHS Compliant			
Message/Code Creation	Dynamic Message Storage (over 1000 Messages), WYSIWYG Message Editing, Drag/Drop Field Based Formatting, Multi-National (Unicode) Character Printing, Download Fonts, Integrated Font Editor, Real and Expiration Time and Date, Shift and Rollover Functions, Product and Batch Counting, Download Graphics and Integrated Editor, Continuous and Repeat Print Capability, 1D Linear and 2D Data Matrix Bar Codes			
Operation Features	Icon Based Operation, Single Button Start, Single Button Stop/Power Off, Password Security, Automatic Diagnostics, Error and Activity Logs, Service Reminders, Backup / Restore, Functions, Downloadable Software Updates, Multiple Operator Languages, Download Language Translations			
Ink Delivery	SmartFill™ Ink Bottle: 32oz (946ml), SmartFill™ Solvent Bottle: 32oz (946ml)			
Fluid Capacity	Ink Capacity: 1 Bottle, Solvent Capacity: 2 Bottles			
Ink Types	Quick Dry to Immediate, Full Range — MEK, Ethanol, Acetone			
Printhead Umbilical	10 Feet (3 Meter) *other options on request			
Print Speed Capability	600 ft/minute (196M/min)	1300 ft/minute (397M/min)	2000 ft/minute (600M/min)	2000 ft/minute (600M/min)
Weight	45 lbs (20kg)			
Optional Accessories	Alarm Beacon, Photocells, Mountings, Shaft Encoder, Printhead Wash Station, Positive Air Kit (for high dust/ moisture, print head pointing up)			
Model 88S Extreme	Operate in high dust or wet environments with 316 Stainless enclosure and positive air for enclosure and printhead.			
Model 88S Food Grade	Print direct to food products with FDA and USDA compliant inks.			
Model 88S Micro	Print high resolution, micro sized characters at high print speeds - mark and code at .025" (.6 mm) — .4" (10 mm) image heights			
Model 88S High Speed	Print at speeds above 50,000 bottles per hour or over 1700 feet/minute (500 M/minute).			
Model 88SHigh Speed One	Print at speeds above 55,000 bottles per hour or over 2000 feet/minute (600 M/minute)			
Model 88S Opaque	Operate Heavy Pigment Inks for dark colored substrates.			
Model 88S Opaque High Speed	Print dark colored substrates (wire and cable) at print at speeds above 1700 feet/minute (500 M/minute).			

