

# BELL-MARK

## Printing Solutions for Food Packaging Applications

Washdown Protection • Hygienically Designed • Seamless Integration



Thermal Inkjet Solutions

# InteliJet TS

## Thermal Inkjet Print Head

The ideal solution for printing variable data such as Date codes, Lot codes and Barcodes plus Logos and Graphics on almost any substrate.

**No maintenance, zero headaches.** Simply swap ink cartridges when ink is depleted and continue printing in seconds.

**Easy Installation, Extreme versatility.** The small footprint and simple design of the printer offer flexibility to fit any packaging application and can be retrofitted to most packaging machines.



# InteliJet TS X

## Harsh Environment Print Head

**Incredible Print Quality, Extreme Durability.** IP67-rated, thermal inkjet print heads that are designed specifically for the meat, poultry, dairy, and food packaging industries.

The TSX delivers the same easy-to-use, versatile, no-maintenance design of the TS print head with enhanced protection against harsh environments and washdown procedures.



## Solutions for Every Application

Our thermal inkjet products are designed specifically to fit your unique packaging application. The InteliJet TS can easily integrate with a wide variety of packaging machines, including:

- Horizontal Form, Fill, Seal
  - » Top web & bottom web
- Vertical Form, Fill, Seal
- Continuous Flow Wrappers
- Case Sealers
- Box Erectors
- Labelers
- Tray Sealers
- Pouch Machines
  - » Horizontal & Rotary
- Rotary Thermoformers
- Conveyors & Offline Feeders
- Bag Loaders
  - » Semi & Fully Automatic



Horizontal Form, Fill, Seal



Offline Conveyor



Tray Sealer



# TS X Quattro<sup>3</sup>

## Harsh Environment HMI

**Incredibly Powerful, Washdown-Tolerant.** Control up to 16 TS print heads from a single user-friendly touchscreen. The 10.4" (264mm) screen makes it easy to create and select print files with the built-in label creation software.

Monitor a wide range of parameters, including individual print head ink levels, all with full data logging support. Create multiple users with different access levels and utilize the interactive help system to guide you through printer maintenance tutorials, step-by-step.

Available with optional IP67-rated protection from harsh environments and washdown procedures.



Bottle Line Conveyor



Labeler



Flow Wrapper



### Thermal Inkjet is perfect for:

- » Poly Packages
- » Shrink Wrapped Products
- » Metal, Aluminum & Tin Cans
- » Plastic (PET) Bottles, Lids & Containers
- » Plastic Pouches, Stickpacks & Sachets
- » Glass Bottles & Jars
- » Corrugated Boxes
- » Cartons & Paperboard
- » Foam Trays with Labels
- » Flow Wraps



Scan for more info  
& videos of the  
IntelliJet TS



# Intelijet TSi

**Ready-to-ship, off-the-shelf, single-head system.** Provides the versatility of the high-quality Intelijet TS print head in an easy-to-install package. Includes everything needed to install yourself and be running production within minutes of unboxing. Includes mounting brackets, print sensor and HMI. The 7" (178mm) touchscreen of the HMI provides essential features to monitor operating conditions including ink level and job counts. A great low-cost alternative to CIJ printing.

# Intelijet TSP

for Flexible Multi-Track Packaging Machines

**Designed specifically for stickpack & sachet coding.** Expandable design includes 4 - 20 TS print heads in a single integrated system for printing multiple lanes across a web. The modular design has no traversing system or moving parts making it a great low-maintenance solution for vertical form, fill, seal applications. All print heads are controlled by a single HMI touchscreen.



# Optional TS Traversing Systems

Integrated traversing systems for the TS & TSX print heads allow for printing multiple rows across a substrate. Available options include the cost-effective Intelijet TS CATraverse and the more advanced Intelijet TSX Traverse which includes full IP67-rated protection and advanced features such as bilateral printing.

# Intelijet TS X TRAVERSE

# Intelijet TS CATraverse





## Thermal Inkjet 4.0 Solutions



# InteliJet LPc



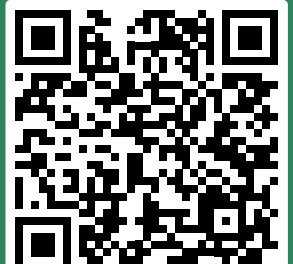
Featuring the latest innovation in thermal inkjet technology (TIJ 4.0), the InteliJet LPc provides many cost benefits over TIJ 2.5 for printing on porous materials, including lower cost inks and an integrated ink supply that reduces downtime significantly. It provides many improvements over TIJ 2.5, including:

- Incredible 600x1200 DPI print quality
- Ultra-fast speeds up to 600 ft/min (182 m/min)
- 22mm (7/8") print head width
- Increased ink throw distance (7mm)
- Integrated ink system that holds 775mL of ink
- 11.6" (295mm) touchscreen with built-in label creation software
- Touchscreen and ink system are integrated into a single unit, minimizing the total footprint for space-saving convenience

Print on any type of porous material, including cartons, paperboard and corrugated materials. Stitch up to 4 print heads together for a max print width of 88mm (3.5").



Installed on a Tape Machine



Scan for more info  
& videos of the  
InteliJet LPc

# EasyPrint

The **EasyPrint** line of thermal transfer printers offer a great **alternative to labelers and preprinted materials** by printing the entire label of a package directly onto a substrate using thermal ribbon. The wide print area is perfect for printing nutritional labels, barcodes, graphics, company logos and any type of variable data such as lot codes & sell-by dates.



## EasyPrint S32

The **EasyPrint S32** printers are available with a 2" (53mm) or 5" (128mm) print head and can print in intermittent or continuous motion printing operation. Includes a 7" (178mm) touchscreen interface that can be used to select and preview print files and monitor parameters such as remaining thermal ribbon.

**Washdown-Tolerant.** Print in harsh environments worry-free with optional IP65-rated protection.

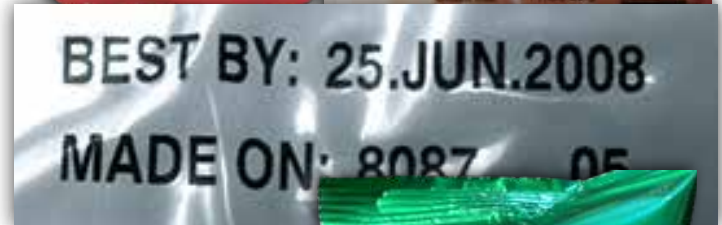
### Benefits of Thermal Transfer

- **Streamline your production line** by removing your labeler.
- **Simplify your inventory** - No more preprinted material inventory.
- **Reduce downtime** with long-lasting, easy-to-change thermal transfer ribbon.
- **Reduce waste** - Altering labels can be done with built-in software, eliminating the need to throw out outdated labels and preprinted materials.

### Solutions for Every Application

Our thermal transfer products are designed to fit your unique packaging application. EasyPrint printers can easily integrate with a wide variety of packaging equipment, such as:

- Horizontal Form, Fill, Seal
- » Top web & bottom web
- Vertical Form, Fill, Seal
- Continuous Flow Wrappers
- Offline Feeders
- Tray Sealers
- Labelers
- Tabletop



**S32** - Labeler



**S32** Vertical Bagger



**S32** Horizontal Form, Fill, Seal



## Multi-Lane Thermal Transfer Solutions

# EasyPrint MLP

### Max Efficiency with Unmatched Durability.

EasyPrint MLP multi-lane thermal transfer printers have an integrated traversing print head that sweeps across the web of the film to print multiple rows in one fluid motion. Print your entire package on demand & eliminate preprinted materials & labels. Reach printing speeds up to 600mm/sec. Multiple print head sizes are available, including 2" (53mm), 5" (128mm), or 8.3" (213mm).

### Washdown-Tolerant.

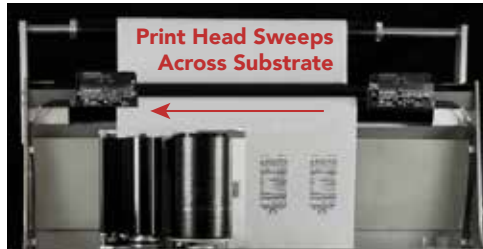
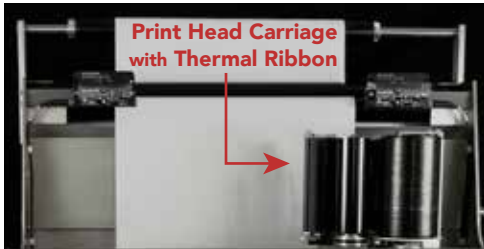
Print in harsh environments worry-free with optional IP67-rated protection. This enhanced durability model includes a sealed electrical bay, watertight connectors, and a specialized drainage system for diverting water from washdown activity.



**Powerful HMI.** Control all aspects of the MLP printer with the 10.4" (264mm) IP67-rated HMI which includes built-in label creation software. Monitor a wide range of parameters with full data logging support. Create multiple users with different access levels and utilize the interactive help system to guide you through printer maintenance tutorials, step-by-step.

(Internal View)

## MLP Printer Operation



**MLP** Bottom Web under Conveyor



**MLP** Horizontal Form, Fill, Seal

## Optional Web Advance System

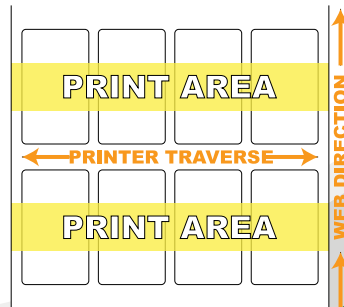
### Maximize Control over your Packaging Machine's Web Advance

The MLP WAS attaches directly to your MLP and takes control of the web and moves it independently of the packaging machine. This allows printing during the dwell cycle which provides more control and increased print speeds.



### Split Platen Printing.

MLP printers can also be designed to print multiple rows in addition to the multiple lanes. This provides twice as many prints at once for incredibly fast printing speeds.



Scan for more info & videos of EasyPrint Printers

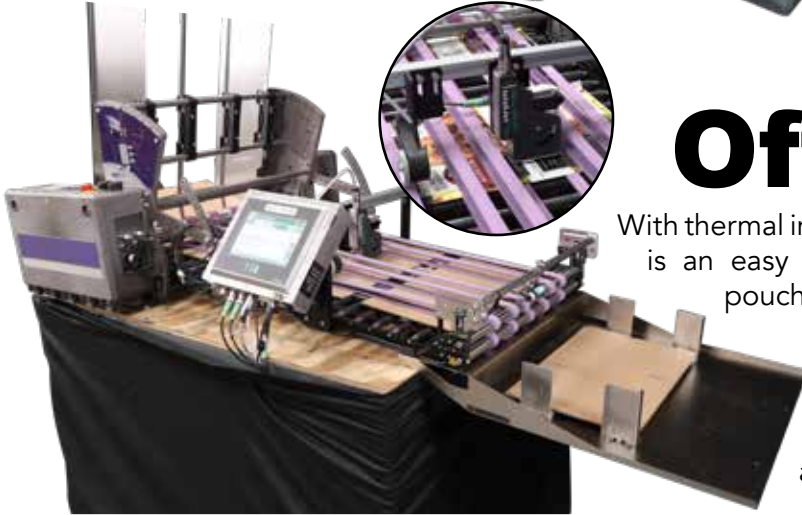
# Ink Coders

**Simple, Economical.** A straightforward solution for coding on all flexible packaging films, labels and cartons. One-piece casting design means no replacement parts are needed. Reversible print head offers flexibility in code location.



# Offline Feeder

With thermal inkjet or thermal transfer integration, this offline solution is an easy and cost-effective way to print on cartons, boxes, pouches, bags and more. Feed and print your product in batches of any size, anytime. The customized feeder can accommodate large product widths and various thicknesses and has advanced sensors for detecting incorrect product feeding to ensure product counts are accurate.



# Vision Inspection System

For additional quality assurance, Vision Inspection systems are also offered that integrate directly into the printer's user interface. Vision systems work by evaluating the print instantly as it's printed in real-time to ensure the quality meets expectations without human assessment.

- Advanced optical character recognition deciphers a range of text.
- Comprehensive vision toolset addresses tasks of varying complexity.
- EasyBuilder development environment simplifies setup and offers rapid turnaround.
- **Maximize operational efficiency** - Leverage your existing workforce and keep your lines running with fast, intuitive job setup.
- **Streamline integration** - Take the guesswork out of image optimization and identify the correct combination of accessories in a few button clicks.
- **IP67-rated.**



**BELL-MARK**

v:1.3