# SoloSeries
## Thermal InkJet Printing
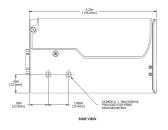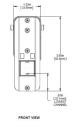
Inkjet Technology by
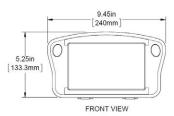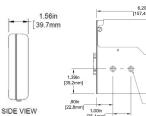
## Features and Benefits

- **7" Handheld Marksman HHI Plus controller** with color touchscreen simplifies message creation and system operations with pop-up keypad compatible with Unicode supported languages
- **Enclosed industrial printheads** feature stainless steel faceplates with built-in photo sensors to detect product speed and direction and a hinged cover for easy access to ink cartridges
- **Print up to 10 lines** of high resolution text per inch including alphanumerics, barcodes and logos
- **Smart level ink detection system** provides users with ink level status while automatically adjusting printhead settings for the ink type
- **Multiple printhead configurations** allow you to drive up to eight Solo45 (1/2") or four Solo90(1') printheads on two independent production lines
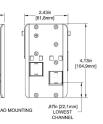
## Dimensions



Solo45          Marksman HHI Plus          Solo90

## Specifications

| Controller | |
|---|---|
| Touchscreen Display | 7" Color |
| Operator Interface | Graphical User Interface, WYSIWYG Editor |
| QWERTY Keypad | Touchscreen Pop-up, Unicode Compatible |
| Enclosure | Industrial Thermoplastic, Drop resistant |
| Memory | 512 MB for Unlimited Message Storage |
| Connectivity | 1 Ethernet, 1 USB, 2 RS232 |
| Capability | Drives Two Independent Production Lines |
| IO Interface | No |
| Auto Codes | Time, Date, Count, User Defined, Shifts, Operator Input |
| Barcodes | GTIN, UPC, I2of5, Code 128, GS1-128, Code 39, EAN, UCC, 2D Data Matrix, QR |
| Logos | Bitmap Images, PNG, TIF, JPEG |
| Fonts | Arial Standard |
| Font Sizes | 1/10", 1/4", 1/2", 3/4", 1" tall |

| PC Interface | |
|---|---|
| Windows PC GUI Software | Graphical User Interface, WYSIWIG Editor |
| Networking Software w/ Database | No |
| Direct Interface | Protocol Provided |

| Printing Method | |
|---|---|
| Printheads | Solo45 (1/2"), Solo90 (1") |
| Technology | FoxJet HP Thermal Jet |
| Print Height | 1/2" and 1" Print Heads |
| Print Resolution | 300×300 dpi |
| Standard Print Speeds | Up to 200 fpm |
| Print Speeds w/ Reduced Resolution | Up to 500 fpm |
| Print Options | Top Down, Angled Conveyor, Waterfall |
| Print Distance | Up to 1/4" |

| Ink Options | |
|---|---|
| Ink Cartridge | Cartride, 42ml, 45SI |
| Ink Types | Porous and Non-Porous Inks, Water Based for Porous and Aqueous Coated Cartons, Enhanced Solvent Based Option with Maxmized De-Cap Times for Non-Porous Substrates |

| System | |
|---|---|
| Regulatory Listings | TUV (CE/CSA/UL) |
| Operating Environment | 50°F to 104°F (10°C to 40°C) |

**Full Mark S.A.**