5g Upgrade Comparison to Legacy 3g

Introducing the 5th Generation Marking System



NEW

HMI 4.3-inch Color Touchscreen

- Supports multiple languages
- On-screen assistance for setup & troubleshooting
- Displays more specific error messages

Upgraded Operator Cabinet & Software

- Includes newest PLC
- Outputs are short-circuit protected
- Event Logging capabilities
- HMI color touchscreen with easy to use on-screen assistance for support and set up.
- Displays more specific error messages over older models

NEW

Nano Controller

- Newer model of the same controller as past generations
- Outputs short-circuit protected*
- Signal change from PNP (Active High) to NPN (Active Low)
- Event logging capabilities

Stainless Steel Ink Tank Benefits

- Offers flexible mounting due to high dye pressure
- Less maintenance of marker due to loose fittings or cracked tanks causing plugging issues.
- Never needs replacement
- Low level sensors come standard



NEW

Ink Station

- Universal tubing layout
- LED lights to indicate low dye levels for each tank & low air

Vacuum Kit Upgrade

- Less overspray
- Less maintenance
- Better vacuum, better & larger vacuum line that doesn't kink.

NEW

Vacuum Kit Upgrade

- More vacuums mean cleaner solution and that it helps keep the jaw free of dried up dye causing maintenance issues

New Actuator

- Improved accuracy
- Stepper motor
- Stainless Steel lead screw & bearings
- Self-lubricating lead screw



NEW

Actuator Station

- Stepper motor improves accuracy
- Stainless Steel lead screw won't corrode over time
- No more manually greasing

NH Code Sprayer Benefits

- Doesn't plug- Has a rubber plunger that seals the spray tip internally.
- Simple servicing and replacement, only three parts vs six on the NF. Fewer parts can't be assembled incorrectly.
- Precision of the marks is better due to the design changes with the plunger makes code marks more precise & repeatable.
- Codes can be atomized or un-atomized.



NEW

Sprayer

- Easier to clean
- The new design keep the dye from drying into the small tubes
- Less plugging up the system
- Longer sprayers life less cleaning needed and replacement

MADE IN USA

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