



## INSTRUMENTS // AUTOMARKER™ INKJET MARKING SYSTEM

# RELIABLE IDENTIFICATION SYSTEM FOR PIGS

AutoMarker™ is a fully automatic marking and identification system for pig carcasses based on inkjet technology.

### Inkjet marking system

The AutoMarker™ system uses inkjet technology for printing a sequential kill number and/or other information such as weight, grading class, farmer no., etc. on the carcass. With inkjet it is possible to print on curved surfaces. This makes the AutoMarker™ very usable for printing on carcasses.

The food brown ink can withstand both the singeing oven and the blast freezer and complies with international food standards. The print format and contents can be adjusted according to the customers' specific demands and needs.

### AutoMarker™ M1

The AutoMarker™ M1 is a marking and identification system, which can print a 1–9 digit consecutive kill number. The number counts one up for each printed carcass. It is possible to set up the AutoMarker™ M1 to print up to 10 fixed characters in front of and/or up to 10 fixed characters behind the kill number, if applicable.

AutoMarker™ M1 becomes an integrated part of the AutoFom™ chute with mechanical guides that are mounted inside the AutoFom™ chute immediately after the AutoFom™ array.



## Why the AutoMarker™

- Very reliable and fully automatic inkjet marking system which ensures reliable carcass tracking
- The AutoMarker™ system with 7-dot print heads can be adapted to meet specific demands and needs
- Together with the AutoFom™ grading system the AutoMarker™ provides a unique solution for optimum identification of carcasses and primals to be used for veterinary control and manual sorting, etc.
- With improved sorting and increased access to information, the process of cutting and deboning is optimized considerably
- Uses food brown ink that complies with international food standards and withstands both the singeing oven and the blast freezer
- Installed in more than 70 slaughterhouses worldwide



## Technical data

|                                    |                                 |
|------------------------------------|---------------------------------|
| Capacity                           | Up to 1,200 pigs/hour*          |
| Print heads                        | Up to 2                         |
| Space requirements                 | Version dependent               |
| Gambrels/trolleys                  | Yes                             |
| Hooks                              | Yes                             |
| Carcass may be split when printing | No                              |
| Print on both halves               | Yes                             |
| Amount of characters               | 1-9**, height = 28 mm           |
| Graphical print                    | No                              |
| Installation area                  | AutoFom™ position/dressing line |

Technical data may be subject to changes  
 \*The line speed must be constant and predefined  
 \*\*Additionally, up to 2x10 fixed characters can be added  
 For more detailed information please contact your local distributor

## Tried and tested

The ink complies with international food standards and is certified in strict accordance with the generally approved technical regulations, HACCP, QM, Safety Data Sheets and sanitary regulations under EU regulations EU 884/2007 and EU 1935/2004 as well as guideline 94/36.

The certification was carried out by the accredited third party laboratory, MittelRhein Labor, 56564, Neuwied, Germany.

## The AutoMarker M1 can be configured to two modes:

- *Nummerator*: Where the AutoMarker controls the sequence of the printed number.
- *DataWriter*: Where the number is generated by an external data source that control loading the number into the AutoMarker before each print.

## Options

- **External Control Panel:**  
If the AutoMarker™ M1 control cabinet has to be mounted in a place where normal use of the internal control panel is impractical, an optional AutoMarker™ M1 external control panel is available.
- **Remote host interface:**  
In addition to the existing set-up of prints at the AM1 control panel at the kill line, an optional host interface is available. This option is required when using the AutoMarker M1 as DataWriter. The remote host interface enables remote set-up of fixed values and reset of the sequential kill number directly from the slaughterhouse IT system. An MS Windows program is available for tests.

## Print head technical highlights

- The print head has a quick release bracket for easy installation, removal and positioning
- The ink tubes feature quick release couplings with efficient valves for minimum spillage
- External filters for easy maintenance
- The print head has an IP68 connector for quick installation
- Two LEDs indicate the status of the print head



AutoMarker™ M1 in AutoFom chute

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