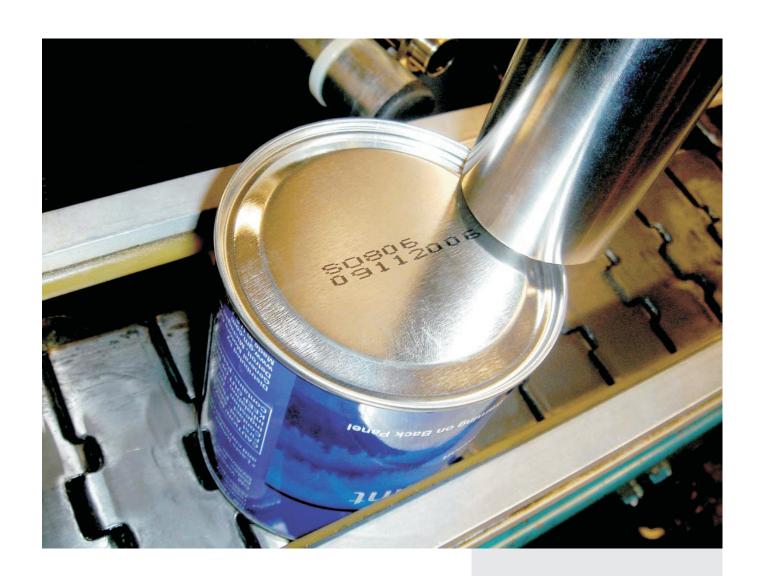# REA JET

INDUSTRIAL CODING AND
MARKING SOLUTIONS -
MADE IN GERMANY

REA JET SC

Small Character Ink Jet Printer

REA JET SC

Small characters with a big impact

How do you know what the "best before" dates are for your groceries? When was a product produced, which batch does it come from?

The trail of success blazed by Continuous Ink Jet (CIJ) technology, in the food and product packaging industry alone, is plain for all to see. The next time you are out grocery shopping, look for the small print indicating the production and "best before" dates.

Few other coding and marking technologies have done as much to promote consumer safety and information in our daily lives. The need to ensure traceability continues to grow, particularly with the emergence of a never-ending number of new industrial applications. It was not the "nice-to-have" features, but a desire to satisfy industry requirements, that lay behind the decision to develop a cost-efficient small character ink jet printer.

The REA JET SC is primarily designed for marking plastic and metallic surfaces, not just food packaging, at a print height of 2-12 mm.

Marking:

- 1 to 4 text lines, at a printing height of up to 12 mm
- print / conveyor speed: up to 400 m/min.
- texts, barcodes (12 types, editable)
- DataMatrix-code (2D)
- variables, counters
- best-before dates
- 11 fonts (even Cyrillic, Farsi)
- industrial inks, including pigmented inks
- food-grade inks
- customer-specific special formulations

Operating / operational reliability:

- complete keyboard for fast text input
- WYSIWYG-editor
- structured text memory for extensive libraries
- text selection / input via barcode scanner or text selection box significantly reduces error potential
- during live operation:
  – possible to fill ink and Viskoflex securely
  – possible to change / create texts
- optical and acoustic signaling device for warning messages
- automatic flushing routine when switching on / off

Connections / device:

- interfaces: RS232 / 422, network-capable
- alarm output, freely programmable
- product sensor (reflex sensor, light sensor, color sensor)
- Shaft encoder for variable conveyor speeds
- barcode scanner, text selection box, scales, measuring devices, PC

Options:

- Positive air (for environments with high dust exposure)
- SC 1.x "P" - variant for pigmented inks
- SC 1.x "4m" - variant with extended print head cable
- "PrintCommander" software for connecting to a host computer
- "DataCon" software for connecting to databases (e.g. text assignment)
- customer-specific menu control can be programmed
- protection against operating error, data loss

Environmental Conditions:

- temperature: 5 – 45 [°C]
- humidity: 10 – 90 [%]

Ink: black TMC-SW 010

FlexiCart optional

Ink: white, pigmented TAEC-WS 010

Alterations reserved- 04.2010