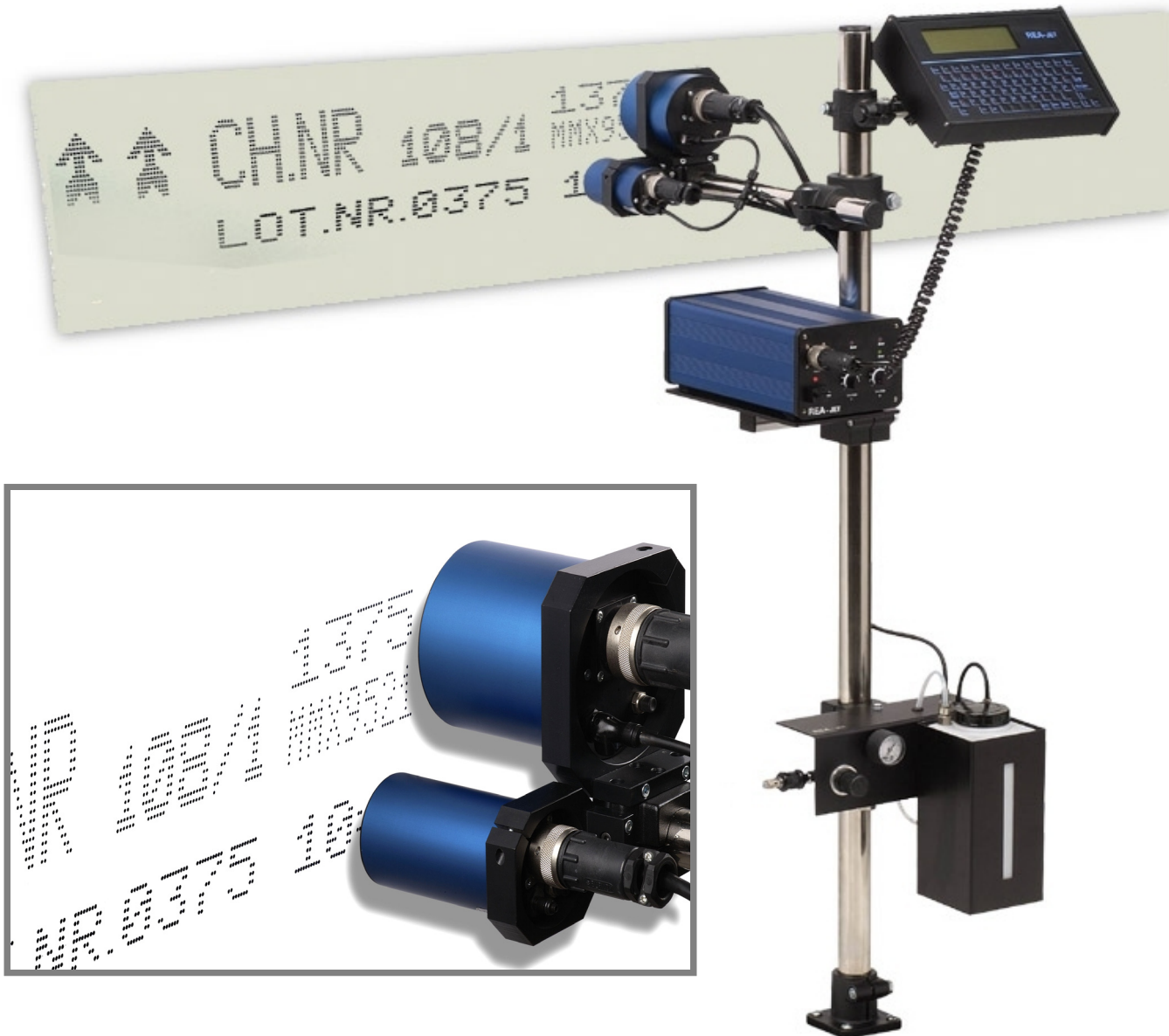




REA-JET INK JET PRINTER

PRINTING



OVERVIEW

The REA-JET Ink Jet Printer features next-generation technology for industrial applications. The patented print head design makes the REA-JET different from any other ink jet printer available today. This new technology delivers quality printed images in even the harshest production environments. You can print ¼" to 5¼" characters using several types of ink, including pigmented and curable inks. The REA-JET offers you:

- ◆ Low maintenance because the print heads are nearly clog-free, and when clogs do occur cleaning is both easy and inexpensive
- ◆ Low cost of ownership because it uses less ink than other drop-on-demand (DOD) printers and needs no make-up fluid
- ◆ Flexibility because of the REA-JET's modular design and its ability to integrate with other systems
- ◆ Pigmented ink supply continuously circulates ink throughout the entire system, keeping inks properly mixed and keeping the printheads "ready to print", even after extended periods of non-use

PRINT OPTIONS

Character Sizes	¼" to 5¼", bold characters, adjustable width and spacing
Print Matrix	5x5; 7x5; 10x10; 16x10
Lines of Text	7-dot head: 1 line 16-dot head: 2 lines 32-dot head: 5 lines
Message Length	256 characters per message
Languages	Czech, Dutch, English, French, German, Italian, Spanish
Message Storage	100 messages including logos, expandable to 1,000 messages
Mounting Configurations	top, bottom, or side mounting R/L print or L/R print
Bar Codes	Interleaved 2 of 5, Code 39
Ink Types	Ethyl Acetate MEK Ethyl Alcohol Pigmented High Temperature Water-based Isopropyl Alcohol Custom

SPECIFICATIONS

Electrical Supply	110V; 50/60 Hz
Air Supply	Less than 30 PSI, clean and dry (optional electrical ink supply available with internal air pressure)
Operating Environment	Temperature: 23°F to 113°F Humidity: 10% - 90% non-condensing
Weight	Controller 10 lbs. Ink Supply (2 liter) 4.5 lbs. Keyboard 3 lbs. 7-dot Print Head 1 lb. 16-dot Print Head 2.5 lbs. 32-dot Print Head 5.5 lbs.
Protection Rating	IP-65
Serial Interface	RS-232 (RS-422 optional)
Line Speed	2 fpm to 850 fpm
Print Heads per Controller	7-dot: 2 heads per controller 16-dot: 4 heads per controller 32-dot: 2 heads per controller

MINIMAL DOWN-TIME

Components can be removed and replaced by the operator in a matter of minutes. This philosophy of design for "replacement not repair" ensures that the printer is operational in the shortest period of time. The REA-JET's patented print head technology is designed to use many types of inks – including pigmented and curable inks – with little or no clogging.

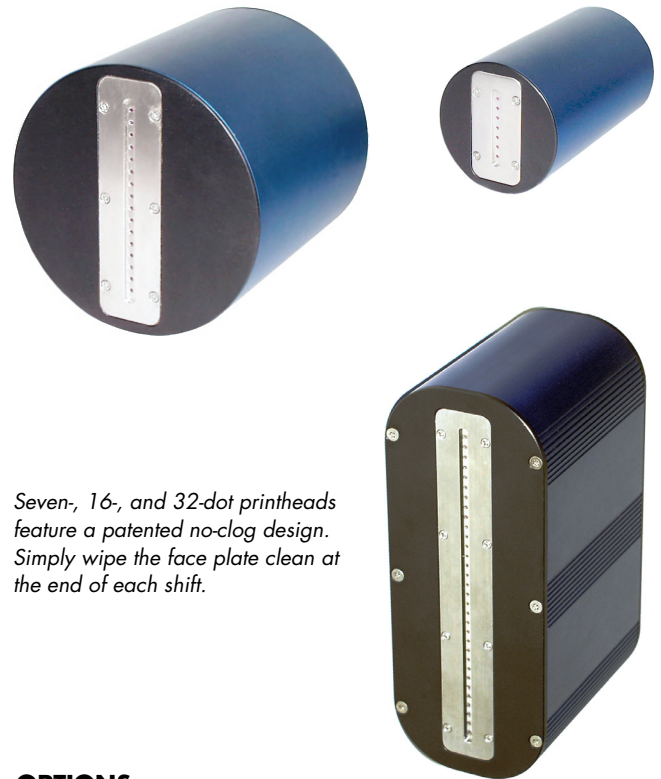
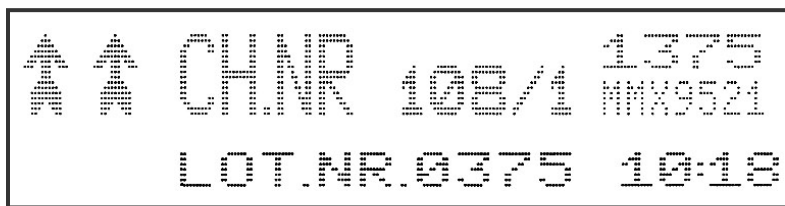
RUGGED DESIGN

Rated IP-65, the REA-JET is designed to work in industrial environments and can withstand dust, high humidity, extreme temperatures, vibration and even wash-down environments. The unique print head design even allows you to change ink types without affecting the operation of the printer.

EASY INTEGRATION/PROGRAMMING

The easy-to-use, removable keyboard can be used to program up to four print heads at once. Store up to 1,000 messages including fixed text, variable text, date and time, shift codes, incrementing and decrementing numbers, bar codes and logos. The REA-JET can be integrated with most common industrial devices; receive or send entire messages, logos, or specific data strings via an RS-232 serial connection.

Print sample (reduced scale).



Seven-, 16-, and 32-dot printheads feature a patented no-clog design. Simply wipe the face plate clean at the end of each shift.

OPTIONS

- ◆ **Shaft encoders** to maintain accurate printing speed
- ◆ **Photocells** to trigger printing
- ◆ **Stand** support for all components
- ◆ **Mounting brackets** for various print head configurations
- ◆ **Bar code scanners** for automatic message selection
- ◆ **Memory extension** for storing up to 1,000 messages

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