



REA JET PIGMENTED INK JET PRINTER

PRINTING



High contrast printing on industrial products.

The REA JET pigmented ink jet printer is designed to operate in harsh industrial environments and prints with exceptional legibility on metals, rubber, plastics, textiles, and other materials. The specially designed printer features a heavy duty ink circulation system and patented print head to minimize maintenance.

These large character printing systems are easy to use, robust, and due to the modular construction of the system components, highly flexible. The print resolution meets the requirements of virtually all industrial applications for marking and coding.

SPECIFICATIONS

Character Sizes	1/4" to 2-5/8", bold characters, adjustable width and spacing
Print Matrix	5x5; 7x5; 10x10; 16x10
Message Length	256 characters per message
Lines of Text	7-dot print head: 1 line 16-dot print head: 1 or 2 lines
Print Heads per Controller	7-dot: up to 4 heads per controller 16-dot: up to 2 heads per controller
Message Storage	100 messages including logos, expandable to 1,000 messages
Interface	RS-232 or RS-422 Serial, Ethernet
Languages	English, French, German, Italian, Spanish, and others
Line Speed	2 fpm to 800 fpm

Electric Supply	110V; 50/60 Hz	
Operating Environment	Temperature: 23°F to 113°F Humidity: 10% - 90% non-condensing	
Protection Rating	IP65	
Components	Controller	10 lbs
	Ink Supply (4.5 liter)	57 lbs
	Keyboard	3 lbs
	7-dot Print Head	1 lb
	16-dot Print Head	2.5 lbs
Mounting Configurations	R/L or L/R print on top, bottom, or side	
Pigmented Ink Types	Acetone based MEK based High temperature Custom	

RUGGED DESIGN MEANS MINIMAL DOWN-TIME

- Rated IP65, the REA JET is designed to withstand dust, high humidity, extreme temperatures, vibration and even wash-down environments.
- The specialized ink circulation system keeps pigmented inks properly mixed to prevent particles from clogging the print head. Ink is continually circulated throughout the system even when it is not printing.
- The ink supply's 4.5 liter external tank is easy to refill and features a quick-change liner, lessening the need to clean and flush the ink supply.
- All printer components can be removed and replaced via quick disconnect ports, ensuring that the printer is operational in the shortest period of time when maintenance is needed.

EASY INTEGRATION/PROGRAMMING

The 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, automatic date and time codes, and logos. The REA JET can be integrated with most common industrial devices. Receive or send variable data or entire messages via serial or Ethernet connection.

ACCESSORIES & OPTIONS

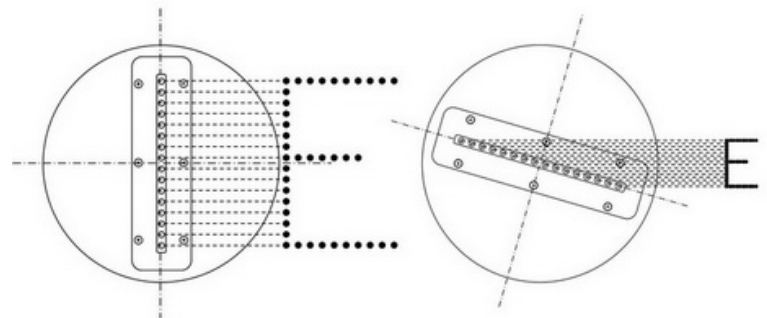
- **Shaft encoders** to maintain accurate printing speed
- **Photocells** to trigger printing
- **Stand** support for all components
- **Mounting brackets** for various print head configurations
- **Bar code scanners** for automatic message selection
- **Memory extension** for storing up to 1,000 messages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



The patented REA JET print heads are available with several different nozzle sizes to accommodate heavily pigmented inks. Print heads feature a purge button for rapid cleaning without interrupting the production process.

INK USAGE

The printer's controller features a dot size adjustment knob to control the amount of ink released by each print head nozzle. This allows for precise control of print quality and ink usage. The ink circulation system also maintains proper suspension of pigments in the ink, increasing the number of marks per liter.



Print height is adjusted by rotating the print head.

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