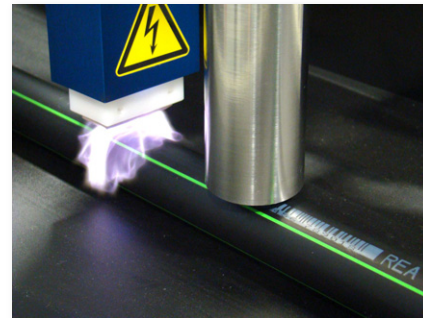




REA-JET SC INK JET PRINTER

PRINTING



High-quality printing of text, logos, and bar codes.

The REA-JET SC Ink Jet Printer is a powerful, small-character ink jet printer specifically designed for use in industrial environments. It delivers optimum print quality, combined with reliability and minimal maintenance. The system works according to the proven Continuous Ink Jet (CIJ) printing principle, which, due to the permanent charging of the ink droplets, allows for the most accurate printing of characters. Information - from 2mm to 12mm high - in up to four lines can be printed at speeds of up to 2,500 fpm.

The printer interface is very user-friendly. The information to be printed is entered on the integrated front-panel keypad. The graphic-capable display allows for accurate checking of the text entry and informs the user at all times about the status of the system. The system can print with fast-drying MEK-, ethanol-, and water-based inks and can be used for marking on a wide variety of porous and non-porous substrates.

SPECIFICATIONS

Character Sizes	2mm to 12mm (.08" to .47")		
Print Matrix	5x5	10x10 Bold	16x10
	7x5	15x10	16x10 Bold
	10x10	15x10 Bold	24x16
Lines of Text	Up to four		
Message Length	255 characters per message		
Languages	Croatian, Cyrillic, Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Slovenian, Spanish, Swedish, Turkish, Farsi upon request		
Message Storage	1,000 messages maximum		
Bar Codes	EAN 8	Code 39	2 of 5 Std.
	EAN 13	Int. 2 of 5	ITF-14
	EAN 128	2 of 5 IntP	UPC-E
	Code 128	2 of 5 IATA	UPC-A

Ink Types	MEK, Ethanol, Water-based
Electric Supply	230V/115V AC \pm 10%; 50/60 Hz
Operating Environment	Temperature: 23°F to 113°F Humidity: 10% - 90% non-condensing
Weight	53 lbs.
Dimensions	Printer: 17.3" W x 19.5" H x 10" D Printhead: 1.7" dia. x 9.5" long
Protection Rating	IP54
Interface	RS-232 (RS-422 or Ethernet optional)
Line Speed	1260 fpm (standard print density); 2500 fpm maximum
Tank Capacity	Ink: 0.65 liters Make-Up: 0.65 liters
Umbilical Length	3 meters / 9.8 feet (4 meter optional)
External Ports	Encoder, Sensor (print go signal), Serial Input, Alarm

EASY TO USE

- User friendly QUERTY front panel keypad.
- Easy-to-use hot keys automatically take you to most functions.
- Backlit display for easy and convenient viewing of print jobs and functions.

SINGLE-TOUCH START/STOP

The Jet Start button automatically starts the ink stream, sets the modulation, and sets the voltage. The Jet Stop button automatically turns off the ink stream, shuts down the voltage, cleans the printhead, and turns the printer power off completely.

CLEAN START PRINthead

Unique "Clean Start Printhead" sequence is performed when the power is turned off. The printhead will automatically clean the gun body, the ink input and return lines, the nozzle plate area, and the drive rod to ensure a clean start when the printer is turned on. The minimal fluid used for cleaning is returned to the make-up tank where it will not interfere with the viscosity of the ink.

NEXT-GENERATION DESIGN

The printer's power supply and amplifier generate little heat, eliminating the need for internal fans or cabinet vents to keep the components cool. Because there are no vents on the cabinet, the introduction of outside dust and debris is eliminated.

The printer uses minimal parts and electronic components inside the cabinet. One main distribution block is used for the movement of fluids, eliminating the need for additional manifolds, solenoids, and pumps. This makes system maintenance easier compared with other CJJ printers.

The printer also features four external user ports for communication with external devices such as encoders, product sensors, low ink lights, PCs, PLCs, and more.

FEATURES

- Automatic viscometer control automatically keeps the viscosity in range for optimum performance.
- Standard configuration allows up to four lines of raster text. Select one, two, three, or four line printing – all in one print job.
- When the printhead cover is removed, the voltage is automatically turned off to protect the operator from high voltage.
- Clock and offset clock functions are available to keep date, time, and shift codes updated or offset.
- IP54-rated stainless steel housing is suited for most industrial applications.



OPTIONS

- Shaft encoders
- Product sensors
- Stands and mounting brackets
- Low ink level / no print alarm systems

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