

RNJet^{USA LLC}

CODING & MARKING SOLUTIONS

INDUSTRIAL INKJET PRINTERS · TRACK & TRACE · SOFTWARE

LATEST PRODUCT CATALOG

PRINT ANYTHING ON EVERYTHING.

High-resolution thermal (TIJ) and piezo inkjet coding & marking systems for food, beverage, pharmaceutical, packaging and industrial production lines.



ABOUT RNJET USA

Coding & marking solutions for American manufacturers



RNJet USA LLC brings the RNJet line of high-performance, affordable industrial inkjet printers to production lines across the United States.

RNJet printers are designed and built by **RNJet Inc.**, a North American manufacturer established in 2002. Since then, our engineers and dedicated team have strived to create top-shelf machines that fit seamlessly into any line, keeping costs down and production moving. For **over 20 years**, we've had the pleasure of designing and providing high-performance, affordable industrial inkjet printers.



PRINT VIRTUALLY ANY DATA, ON PRACTICALLY ANY SURFACE

Our user-friendly RNJet software is capable of printing:

Static text Auto date & time Julian date Jalali date Auto manufacture date Auto expiry date
Batch number Logo Image QR code Serial number Auto shift codes GS1 Data Matrix UDI
Database Counter External text (weight & other info from scale and barcode scanner)



PRINT SPEED

up to 180 m/min

Our printers can print up to 180 m/min, keeping up with your production line while maintaining superior print quality.



NORTH AMERICAN QUALITY

20+ years

Designed and manufactured in North America by a skilled team of technicians at RNJet Inc.



PRINT HEIGHT

up to 288 mm

Using a large character machine with stitched heads; a variety of ink colors available.



RESOLUTION

up to 600 dpi

Top-shelf resolution when printing on practically any material, porous or non-porous.

TYPICAL APPLICATIONS



FOOD & EGGS



PHARMACEUTICAL



BEVERAGE



PACKAGING & CASES



BUILDING MATERIALS



PIPES & CABLES



**MAKE YOUR BRAND STAND OUT
WITH RNJET PRINTERS!**

RNJET H SERIES

High-speed thermal inkjet printers



NO ERRORS
NO DOWNTIME
NO MAINTENANCE

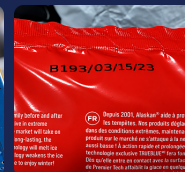
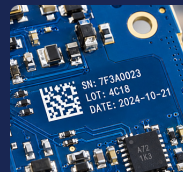
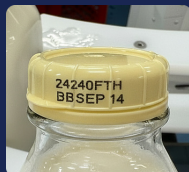
**RNJET H1****RNJET H2**

STANDARD FEATURES	RNJET H1	RNJET H2
Display	7" touchscreen LCD controller	
No. of Print Heads	1	2
Printing Speed	up to 180 m/min (150 dpi) or up to 90 m/min (300 dpi)	
Max. Print Height	up to 12.7 mm	up to 12.7 mm each
Printing Distance	up to 8 mm	
Printing Orientation	Side printing, downwards, at an angle	
Min. Drying Time – non-porous	1 to 3 seconds, depending on material	
Min. Drying Time – porous	N/A	
Max. Printing Length (non-stop)	up to 5500 mm	up to 4400 mm
WARRANTY	1 YEAR*	

INK & OPERATING CONDITIONS	
Ink System	Cartridge
Ink Management	Ink calculator, ink level indicator on controller & printdriver, output for optional ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, USDA-approved FDG ink, as well as UV black and UV white
Ink Types	Variety of solvent-based, water-based, UV and food-grade inks
Operating Conditions	Temp: 5°C – 45°C · Relative Humidity: 20% – 80%

EGG PRINTING SOLUTION**RNJET EP-6H+**

- ◆ Ideal for egg printing
- ◆ Up to 12.7 mm (1/2") height
- ◆ Up to 6 heads
- ◆ USDA-approved ink
- ◆ Up to 130,000 eggs/hour or 30 eggs/second
- ◆ Food-grade ink in dark pink, blue & green

*Terms and conditions apply. Check Refund and Return Policy at WWW.RNJETUSA.COM**PRINT SAMPLES**

RNJET H SERIES

Multi-head thermal inkjet systems



NO ERRORS
NO DOWNTIME
NO MAINTENANCE



RNJET H4



RNJET H24

STANDARD FEATURES	RNJET H4	RNJET H24
Display	7" touchscreen LCD controller	
No. of Print Heads	1	up to 24
Printing Speed	up to 180 m/min (150 dpi) or up to 90 m/min (300 dpi)	
Max. Print Height	up to 12.7 mm	up to 12.7 mm each
Printing Distance	up to 8 mm	
Printing Orientation	Side printing, downwards, at an angle	
Min. Drying Time – non-porous	1 to 3 seconds, depending on material	
Min. Drying Time – porous	N/A	
Max. Printing Length (non-stop)	up to 2200 mm	up to 2200 mm
WARRANTY	1 YEAR*	

INK & OPERATING CONDITIONS	
Ink System	Cartridge
Ink Management	Ink calculator, ink level indicator on controller & printdriver, output for optional ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, USDA-approved FDG ink, as well as UV black and UV white
Ink Types	Variety of solvent-based, water-based, UV and food-grade inks
Operating Conditions	Temp: 5°C – 45°C · Relative Humidity: 20% – 80%

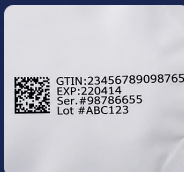
COMPLIANT. TESTED. TRUSTED.

ONE CONTROLLER, UP TO 24 PRINT HEADS!

Run up to 24 print heads from a single RNJet controller — fewer devices to manage, one interface, complete control of your line.



*Terms and conditions apply. Check Refund and Return Policy at WWW.RNJETUSA.COM

PRINT
SAMPLES

RNJET T SERIES

Batch coders · No maintenance

**RNJET T1****RNJET T2 ST****RNJET T4 ST****RNJET T4**

STANDARD FEATURES	RNJET T1	RNJET T2 ST	RNJET T4 ST	RNJET T4
Display	7" touchscreen LCD controller			
No. of Print Heads	1	2 (Stitched)	4 (Stitched)	4 (Non-Stitched)
Printing Speed	up to 90 m/min (300 dpi)			
Max. Print Height	up to 25.4 mm (1 inch)	up to 50.8 mm (2 inch)	up to 101.6 mm (4 inch)	up to 25.4 mm (each)
Printing Distance	up to 8 mm			
Printing Orientation	Side printing, downwards			
Min. Drying Time – non-porous	1 to 3 seconds, depending on material			
Min. Drying Time – porous	N/A			
Max. Printing Length (non-stop)	up to 4400 mm	up to 2200 mm	up to 1100 mm	up to 1100 mm
WARRANTY	1 YEAR*			

INK & OPERATING CONDITIONS	
Ink System	Cartridge
Ink Management	Ink calculator, ink level indicator on controller & printdriver, output for optional ink beacon alarm
Ink Colors	Black
Ink Types	Solvent-based, water-based
Operating Conditions	Temp: 5°C – 45°C · Relative Humidity: 20% – 80%

BATCH CODER

Lot numbers, dates & 2D codes on every pack

NO MAINTENANCE

Cartridge-based – clean, simple, ready to print

UP TO 4"

Stitched heads for tall, high-resolution codes

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RNJET HI-RES SMALL CHARACTER

Alternative to CIJ · Reliable · Economical

**RNJET 100****RNJET 200****RNJET 100+****RNJET 200+**

STANDARD FEATURES	RNJET 100	RNJET 200	RNJET 100+	RNJET 200+
Display	7" touchscreen LCD controller			
No. of Print Heads	1	2	1	2
Printing Speed	up to 40 m/min (180 dpi) or up to 60 m/min (100 dpi)			
Max. Print Height	up to 18 mm	up to 36 mm	up to 18 mm	up to 36 mm
Printing Distance	up to 15 mm			
Printing Orientation	Side printing, downwards, upwards, at an angle			
Min. Drying Time – non-porous	10 to 15 seconds, depending on material			
Min. Drying Time – porous	N/A			
Max. Printing Length (non-stop)	up to 9200 mm			
WARRANTY	1 YEAR*			

INK & OPERATING CONDITIONS	RNJET 100 / 200	RNJET 100+ / 200+
Ink System	Cartridge-based (110 ml cartridge)	Motorized bulk-based system (490 ml bottle)
Ink Management	Ink calculator, output for optional ink beacon alarm	Ink calculator, low ink indicator, output for ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, food-grade red and blue	Red, blue, black, food-grade red and blue
Ink Types	Solvent, oil, food-grade and UV inks	Solvent, oil-based and food-grade inks
Operating Conditions	Temp: 5°C – 45°C; Special ink: -5°C – 45°C · Relative Humidity: 20% – 80%	

ALTERNATIVE TO CIJ

High-resolution codes up to 36 mm tall

RELIABLE

Prints downwards, upwards & at an angle, up to 15 mm away

ECONOMICAL

110 ml cartridges or 490 ml motorized bulk system

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RNJET HI-RES LARGE CHARACTER

Box printer · Pallet printer · Cost-effective

**RNJET 72****RNJET E1-140****RNJET E1-72+****RNJET E1-140+ (BI-COLOR)**

STANDARD FEATURES	RNJET 72	RNJET E1-140	RNJET E1-72+	RNJET E1-140+
Display	7" touchscreen LCD controller			
No. of Print Heads	1	2	1	2
Printing Speed	up to 60 m/min (180 dpi) or up to 90 m/min (120 dpi)			
Max. Print Height	up to 72 mm	up to 144 mm	up to 72 mm	up to 144 mm
Printing Distance	up to 15 mm			
Printing Orientation	Side printing, downwards, upwards, at an angle			
Min. Drying Time – non-porous	10 to 15 seconds, depending on material			
Min. Drying Time – porous	N/A			
Max. Printing Length (non-stop)	up to 4600 mm	up to 2300 mm	up to 4600 mm	up to 2300 mm
WARRANTY	1 YEAR*			

INK & OPERATING CONDITIONS	RNJET 72 / E1-140	RNJET E1-72+ / E1-140+
Ink System	Cartridge-based (110 ml cartridge)	Motorized bulk-based system (490 ml bottle)
Ink Management	Ink calculator, output for optional ink beacon alarm	Ink calculator, low ink indicator, output for ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, food-grade red and blue	Red, blue, black, food-grade red and blue
Ink Types	Solvent, oil, food-grade and UV inks	Solvent, oil-based and food-grade inks
Operating Conditions	Temp: 5°C – 45°C; Special ink: -5°C – 45°C · Relative Humidity: 20% – 80%	

BOX PRINTER

Crisp codes, logos & barcodes up to 144 mm tall

PALLET PRINTER

Up to 90 m/min at 120 dpi for fast lines

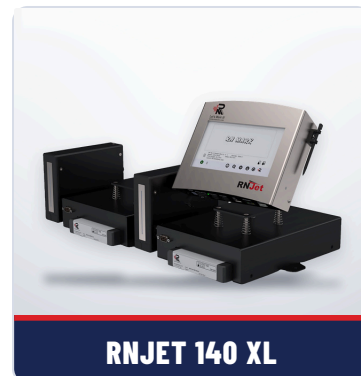
COST-EFFECTIVE

Bi-color printing available with the E1-140+

*Terms and conditions apply. Check Refund and Return Policy at WWW.RNJETUSA.COM

RNJET HI-RES XL SERIES

Box printer · Pallet printer · Affordable

**RNJET 100 XL****RNJET 200 XL****RNJET 72 XL****RNJET 140 XL**

STANDARD FEATURES	RNJET 100 XL	RNJET 200 XL	RNJET 72 XL	RNJET 140 XL
Display	7" touchscreen LCD controller			
No. of Print Heads	1	2	1	2
Printing Speed	up to 40 m/min (180 dpi) or up to 60 m/min (100 dpi)		up to 60 m/min (180 dpi) or up to 90 m/min (120 dpi)	
Max. Print Height	up to 18 mm	up to 36 mm	up to 72 mm	up to 144 mm
Printing Distance	up to 15 mm			
Printing Orientation	Side printing, downwards, upwards, at an angle			
Min. Drying Time – non-porous	10 to 15 seconds, depending on material			
Min. Drying Time – porous	N/A			
Max. Printing Length (non-stop)	up to 9200 mm		up to 4600 mm	up to 2300 mm
WARRANTY	1 YEAR*			

INK & OPERATING CONDITIONS	
Ink System	Cartridge-based (430 ml cartridge)
Ink Management	Ink calculator, output for optional ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, food-grade red and blue
Ink Types	Solvent-based, oil-based, food-grade and UV inks
Operating Conditions	Temp: 5°C – 45°C; Special ink: -5°C – 45°C · Relative Humidity: 20% – 80%

430 ML

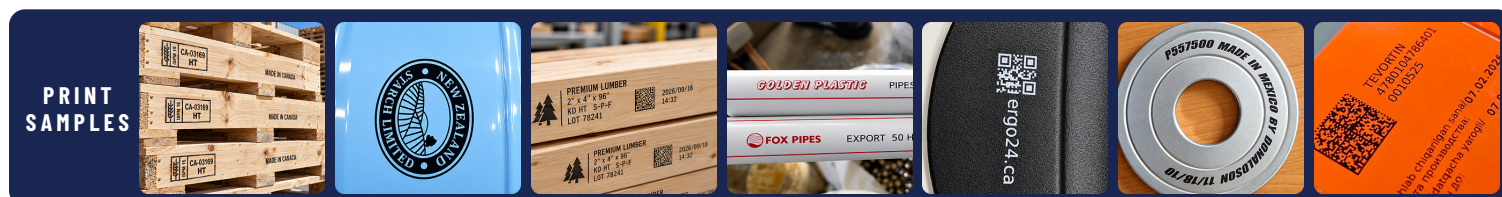
High-capacity cartridges for long runs

UP TO 144 MM

Large, crisp codes on boxes & pallets

9200 MM

Non-stop print length (100 XL / 200 XL)

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RNJET HI-RES LARGE CHARACTER

Extra-large codes for cases, pallets & lumber



NO ERRORS
NO DOWNTIME
NO MAINTENANCE



RNJET 288 XL



RNJET 140 (BI-COLOR)

STANDARD FEATURES	RNJET 288 XL	RNJET 140 (BI-COLOR)
Display	7" touchscreen LCD controller	
No. of Print Heads	4	4
Printing Speed	up to 50 m/min	
Max. Print Height	up to 288 mm	up to 144 mm
Printing Distance	up to 10 mm	
Max. Print Length	up to 1150 mm	
Min. Drying Time – non-porous	10 to 15 seconds, depending on material	
Min. Drying Time – porous	N/A	
Printing Orientation	Downwards	Side printing, downwards
WARRANTY	1 YEAR*	

INK & OPERATING CONDITIONS	
Ink System	Cartridge-based (430 ml cartridge)
Ink Management	Ink calculator, output for optional ink beacon alarm
Ink Colors	Red, blue, black, pigmented white and yellow, food-grade red and blue
Ink Types	Solvent-based, oil-based, food-grade and UV inks
Operating Conditions	Temp: 5°C – 45°C; Special ink: -5°C – 45°C · Relative Humidity: 20% – 80%

All RNJet printers meet global certification standards.



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**PRINT
SAMPLES**



TRACK & TRACE SOLUTIONS

Serialization, verification & aggregation



OPTIONAL VISION INSPECTION SOLUTIONS FOR MARKING & CODING QUALITY

We are proud to offer full-featured, powerful vision systems which perform fast, accurate inspections of every product marking that passes through your production line.

These systems help to ensure quality and compliance by checking the print quality, position, readability and accuracy of codes.

This works by obtaining serial number information from the company or manufacturing server. Each object is marked with an encoded, unique serial number using a Data Matrix. A sophisticated vision system consisting of multiple cameras verifies the quality of the markings, and an integrated reject system reliably removes failed items from the production line.



Through cooperation between RN Mark and the NiceLabel software team, RNJet printers can be used with **NiceLabel** software. Simply download the driver.



SCAN TO DOWNLOAD

SOFTWARE & NETWORK ABILITIES

One platform for every RNJet printer



DESCRIPTION	PRINT SAMPLES
Linear Bar Codes EAN, ITF-14, UPC-A, GS1, DataBar and many more	
2D Codes QR, GS1 DataMatrix Standard, Dot Code, GS1 DataBar-Stacked & Limited, MicroPDF and more	
Logos & Graphics Print any image, logo, graphic or icon with dither or negative	
Specialty Fonts Download any TTF font such as Arial, Dot Font and many more	



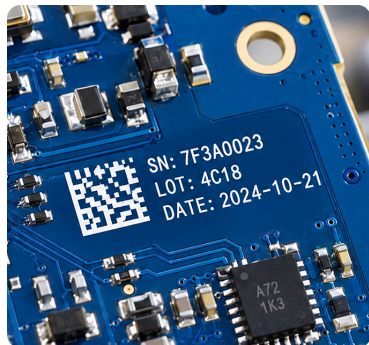
RN SOFTWARE

RNSoft allows up to **100 printers** to be connected simultaneously to one PC through your network.

SOFTWARE & NETWORK	
Internal Message Library	More than 1000 messages
Interface & Keyboard Languages	English, French, Spanish, Italian, Portuguese, Polish, German, Czech, Arabic, Farsi, Russian, and many more
Supported Database Format	CSV, TXT
Print Modes	Single & Continuous
Fonts	Ability to add any TrueType font
Software	RN Software & free Windows-based RNSoft
Network	Ability to add up to 100 printers on 1 PC
DATA INPUT & EXTERNAL POWER	
I/O Ports	Photocell, Shaft Encoder, Ethernet, RS-232, USB, RS-485, Beacon alarm
External Power	Input: 100-240V 50/60 Hz · Output: 12V – 5.0A, 60W max

PRINTABLE SAMPLES

Mark metal, plastic, paper, wood, fabric & more



With RNJet's inline solutions, it's easy and cost-effective to mark your product – whether it's metal or fiberglass material, plastic or cloth, pleated paper or PET recyclable plastic!

CONSULT WITH OUR SPECIALIST TO GET THE RIGHT SOLUTION FOR YOUR PRODUCTION LINE.



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