2025

gressler

PRODUCT CATALOGUE

Coding & Marking Solutions for Your Products

gressler

GC Series Continuous Inkjet

Explore our full range of industrial Continuous Inkjet (CIJ) printers, designed for reliable, high-speed, and cost-efficient marking and coding across a wide range of applications. CIJ technology is a non-contact printing method that works on both flat and curved surfaces. With a variety of ink options, it can print on almost any substrate — including plastic, glass, metal, film, and cardboard.

GC-1000 Series

Cost-efficient continuous inkjet for businesses of all sizes

- **Affordable Ownership**: CIJ GC-1000 Series offers excellent value by reducing both upfront costs and ongoing expenses. Its efficient design cuts maintenance and ink use, lowering your total cost of ownership.
- **Available Type** : GC-1600 (60µm) Standard and GC-1400 (40µm), GC-1500 (50µm), GC-1700 (70µm)
- **Print Speed**: Up to 384 m/min (single line printing), suited for low to medium-speed lines
- **Flexible Ink options** Choose from food-safe, high-speed drying, tamper-resistant, or extreme-environment solutions, including unique options like thermochromic, UV-readable, and washable inks for returnable containers.
- **Various Coding Messages**: Date codes, batch numbers, barcodes, and simple logos—all with precision

```
ABCDEFG 12345 5X7          ABCDEFGHIJKLMNO
                           1234567890
5X7 TWIN LINE              4 LINES OF PRINT
DOUBLE STROKE              5X7 FOUR LINE
```

GC-2000XT Series

eXTended Speed continuous inkjet printer built for demanding, high-output production lines.

- This **Extended-speed CIJ printer** equipped with a standard **60µm** or **optional 70µm nozzle**.
- **Print Speed**: Up to **402 m/min** (for single-line printing), ideal for high-speed bottling, canning, and packaging lines.
- **Printing Height**: Adjustable from 1.8 mm to 15 mm, suitable for primary packaging and small product surfaces
- **Print Contents**: Capable of printing time, date, counter, batch code, serial number, barcode, QR code, data matrix, logos, and graphics.
- **Throw Distance**: Up to 30 mm from substrate, accommodating curved or uneven surfaces while maintaining readability.
- With a low-maintenance design, the GC-2600XT & GC-2700XT are built to deliver reliable, high-quality 2D, QR, and track-and-trace codes.

GL Series Laser Marking System

Simplify industrial coding with Gressler Laser marking—no inks, no mess, just precision.
Our CO2, Fiber, and UV lasers deliver crisp, permanent codes on almost any material, with zero consumables and minimal maintenance. Boost efficiency, cut costs, and enjoy hassle-free marking. Let's find your perfect laser solution today!

GL-1000 CO2 Laser

Suitable markings on plastics, wood, rubber, glass, ceramics, leather, paper, acrylic, and selected textiles.

Laser Power Options: 30W, 60W
Wavelength: 10.64 µm
Frequency Range: 20kHz – 80kHz
Focal Distance: 150mm
Max Marking Speed: 8m/s (Linear)*
Scanning System: Digital High-Speed Galvanometer
Marking Area Options: 70 × 70mm, 110 × 110mm, 175 × 175mm
User Interface: 10.4" Touchscreen (Android OS)

(Not suitable for metals and reflective surfaces.)

GL-2000 Fiber Laser

Suitable markings on metals (steel, aluminum, copper, gold/silver), most plastics (ABS, PC, PVC), ceramics, and glass, but not raw wood, paper, or clear plastics.

Laser Power Options: 30W, 60W (Pulsed Fiber Laser)
Wavelength: 1064µm
Marking Area: 110 × 110mm, 300 × 300mm, 600 × 600mm
Lens Sizes: 110mm, 300mm, 600mm
Laser Frequency: 20kHz – 80kHz
Max Marking Speed: 8m/s (Linear)
Beam Deflection System: Digital High-Speed Galvanometer Scanner
User Interface: 10.4" Touchscreen

GL-3000 UV Laser

Suitable marking for plastics, metals, glass, and electronics.

Laser Power Options: 5W, 10W, 15W, 20W
Wavelength: 355µm
Marking Area: 110x110mm to 600x600mm
Speed: Up to 8m/s
User Interface: 10.2" Touchscreen
Cooling System: Water-cooled
Power: 220V, 500-800W

CAUTIONS

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED AVOID EYE AND SKIN EXPOSURE

SAFETY GLASSES REQUIRED

AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

Some materials may release harmful fumes or smoke during laser marking. To ensure operator safety and protect the equipment, a suitable fume extraction system is recommended based on the material type.

*Outcomes may vary depending on different conditions, materials and environments. ** For optimal performance use this product with genuine Gressler consumables/spare parts.*

GT Series Thermal Inkjet Printer

A Thermal Inkjet (TIJ) printer is a compact, cartridge-based printing system that uses heat to propel ink droplets onto a surface. It's widely used for high-resolution coding on porous and semi-porous substrates like paper, cardboard, and some coated materials. TIJ is ideal for printing text, barcodes, and QR codes in clean, low-to-medium speed production environments.

GT-1000

User Interface : 7 inch LCD Touchscreen

Printhead : Standard 1 & 2

Print Height: Max 1h = 12.7 mm, 2h 25.4mm

Print Resolution : 150-300 dpi

Print Speed: up to 40m/min

Ink Volume : Standard 42ml/pc

GT-2000

User Interface : 10 inch LCD Touchscreen
Printhead : Standard 1 , 2, 3, 4
Print Height : Max 1h = 12.7 mm, 2h 25.4mm
Print Resolution : 150-300 dpi
Print Speed: 40–600m/s
Ink Volume: Standard 42ml/pc

[a.] Available Fast-drying inks suitable for both porous and non-porous surfaces/materials. Water and Solvent based inks 12.7mm all types of ink cartridges or 25.4mm all types of ink cartridges (includes food-grade ink)
[b.] Ink color : Black, red, blue, green, white, invisible blue
[c.] The printing speed adjusts according to the selected resolution

GT-2000i

User Interface: 10 inch LCD Touchscreen
Printhead : Standard & 1 inch Smart Printhead
Print Height : Standard up to 50mm
1 Inch Smart Printhead up to 100mm
Print Resolution : Max 600dpi
Print Speed: 60-539 m/min
Ink Volume : Standard 42ml/ pc
Options : Bulk Ink 400ml, 500ml, 1000ml (printhead 1 inch & ½ Inch)

*Outcomes may vary depending on different conditions, materials and environments. ** For optimal performance use this product with genuine Gressler consumables.

GT Series - TIJ Continuous Ink System

Designed for demanding production environments, Gressler's Carton Coding Solutions combine precision TIJ printing with our Continuous Ink Supply System. This setup ensures uninterrupted operation, consistent high-quality codes, and maximum efficiency — perfect for large-scale carton printing in food, pharmaceutical, cosmetics, body care, home care, and other industries.

1. Large-Capacity Ink Bag: Available in 400 ml, 800 ml, and 1000 ml cartridges for flexible production needs.
2. Compatible with Gressler TIJ Printers: Perfect match for high-speed, high-volume coding.
3. Longer Production Runs: Reduced stoppages for ink changes, boosting efficiency.
4. Lower Operating Costs: Less cartridge handling and reduced waste save time and money.
5. Versatile Use: Ideal for long shifts, seasonal peaks, and high-output environments.

400ML Capacity ink bag

800ML Capacity ink bag

1000ML Capacity ink bag

RFP-8823-01

gressler

When changing the ink box or ink bag, please turn off the power supply

● Alarm light

Power supply ● Working light

| 1 Inlet | 1 Outlet |

RFP-8823-04

gressler

When changing the ink box or ink bag, please turn off the power supply

● Alarm light   ● ● Alarm

Working light   Power supply   Working

| 1 Inlet | 4 Outlet |

Quick dry ink cartridge
Quick-drying ink for non-absorbent products

Such as plastic, steel, glass, rubber hose, the largest consumption, packaging plants, Plastic pipe factory, plastic bottle factory, food factory, steel processing factory, PVC pipe, Cosmetic packaging for special applications

Print height 12.7mm

Production date: October 31, 2021
Shelf life: October 31, 2023
Production batch number: 201256254
Production license: 1568425
Can type 1 to 5 lines of content at a time

Print height 25.4mm

6 912345 678902

Production date: October 31, 2021
Shelf life: October 31, 2023
Production batch number: 201256254
Pipeline inkjet printer in Chinese and English, digital
Graphics, logos, barcodes, QR codes, etc.

Can type 1 to 10 lines of content at a time

*Outcomes may vary depending on different conditions, materials and environments. ** For optimal performance use this product with genuine Gressler consumables.*

GE Series Thermal Transfer Overprinter

TTO (Thermal Transfer Overprinting) is ideal for flexible packaging materials such as film, foil, and labels; printing variable data like expiry dates, batch numbers, barcodes, QR codes, and logos; high-resolution, high-speed applications in industries like food, pharmaceuticals, cosmetics, and tobacco; minimizing waste by printing only when the product is present (intermittent or continuous modes); and clean, low-maintenance operations without the need for inks or solvents.
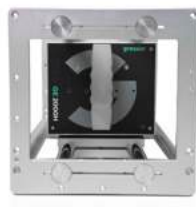
GE-3000H

Print Width: 53 mm
Print Resolution: 300 dpi (12 dots/mm)
Print Area Options: 53mm × 75mm, 53mm × 100mm
Print Speed: 40–600mm/s
Printing Modes: Intermittent, Continuous
Ribbon Capacity: Up to 1100 meters
Ribbon Type: Wax/Resin, Resin

GE-2000H

Print Width: 32 mm
Print Resolution: 300 dpi (12 dots/mm)
Print Area Options: 32mm × 75mm, 32mm × 100 mm
Print Speed: 40–600 mm/s
Printing Modes: Intermittent, Continuous
Ribbon Capacity: Up to 1100 meters
Ribbon Type: Wax/Resin, Resin

GE-1000H

Print Method: Thermal Transfer
Print Area: 24mm (W) × 15mm (H)
Resolution: 203 dpi (8 dots/mm)
Print Speed: Up to 200 packets/min (fixed content)
Print Direction: 0° or 180°
Printing Time: 100ms (minimum)
Ribbon Capacity: Up to 200 meters
Ribbon Type: Wax/Resin, Resin

*Outcomes may vary depending on different conditions, materials and environments. ** For optimal performance use this product with genuine Gressler consumables.

Drop on Demand and Thermal Inkjet Handheld

GD-SERIES DOD

Gressler GD Series (DOD) is ideal for slower-speed applications that require more detailed prints, such as coding boxes, sacks, or packs. These labels often need to show important information about the products inside, so clear, large, high-quality prints are essential.

Suitable for porous and non-porous surfaces like carton, plastic, metal, pipes, plywood, glass, stone, ceramics, auto parts, chemical packaging, and painted surfaces.

Specifications	GD-1000	GD-2000	GD-3000
Nozzle Size	80μ	120μ	150μ
Printing Height	7 dots: 5-28mm	16 dots: 5-64mm	32 dots: 5-128mm
Max. Printhead	2 printheads	2 printheads	2 printheads
Printing Distance	3-30mm		
Printing Lines	1-4 lines		
Printing Speed	120m/min		
Ink Base Volume	1000 ml		
Ink Color	Black, Red, Blue, Green, White, Yellow, Invisible		
Ink Type	Ketone-based, Water-based, Alcohol-based, Acetone-based, Pigment-based		

GTH-SERIES TIJ Handheld

A compact, lightweight Thermal Inkjet (TIJ) printer handheld designed for on-the-go marking and coding. Ideal for printing on various surfaces such as cardboard, plastic, metal, plywood, and more—without the need for a fixed installation. Perfect for warehouses, logistics, small-scale production, and field work where flexibility and mobility are key.

Specifications	GTH-100	GTH-200
Print height (Max)	12.7mm	25.4mm
Ink cartridge height	2-12.7mm	
Ink color	Black, red, white, yellow, green and invisible UV ink	
Printing resolution	600 DPI	
Printing speed	80 m/min	
Battery	Dual 18650 lithium batteries, replaceable, rechargeable	
Charging port	USB Type C	
Printing content	Text, time, batch number, serial number, QR code, barcode and logo	

*Outcomes may vary depending on different conditions, materials and environments. ** For optimal performance use this product with genuine Gressler consumables.

TRACK & TRACE SOLUTIONS

Gressler offers a fully integrated Track & Trace solution to help manufacturers ensure product identification, traceability, and compliance — from production to distribution.

1	**Unique code Software**	Gressler's software provides system integration, system control, and data management. It manages the flow of serial codes, QR codes, and DataMatrix from external code generators to printers and vision systems — ensuring accuracy, consistency of the printing. The system also enables data reporting for production records.
2	**High-Performance Printers**	Gressler provides TIJ, TTO, CIJ, DOD and Laser printers designed for precision coding. These printers produce clear, consistent marks — that are easily readable by both humans and automated vision systems
3	**Vision Inspection System**	Vision cameras verify every printed code in real time — checking for presence, readability (OCR/OCV), position, and quality.

Applications:

Serial Number, Barcode (Code 128, EAN-13, UPC), DataMatrix, QR Code, GS1 DataMatrix, Invisible Code (UV/IR), GTIN, Lot/Batch Number, Expiry Date Code, Aggregation Code, UID (Unique Identifier), 2D Composite Barcode, Digital Link (GS1 Digital Link)

Industry :

- Food & Beverage: Ensure expiry dates and batch codes are clear, readable and traceable.
- Pharmaceutical & Healthcare: Prevent counterfeiting, meet serialization and regulatory standards
- Cosmetics & Personal Care: Prevent counterfeiting and ensure brand integrity.
- Home & Industrial Chemicals: Manage hazardous product traceability and compliance.
- Building Materials & Packaging: Enable product tracking from plant to construction site.

VISION CAMERA
GVS-1400-06

Camera Specifications	
Sensor Type	CMOS, Global Shutter
Pixel Size	3.45 µm × 3.45 µm
Sensor Size	1/2.9"
Resolution	1408 × 1024
Max. Frame Rate	60 fps
Dynamic range	71.4 dB
SNR	41 dB
Gain	0 dB to 15 dB
Exposure Time	16 µs to 1 sec
Pixel Format	RGB 8, Mono 8
Mono / Color	Color

Package Includes: High-resolution camera, input/output (I/O) cable, power adapter, and integrated software suite.

- Counting & Verification
- Defect & Quality Detection
- Measurement
- OCR/OCV
- Logic Tool

CE FC K

MINI CONVEYOR GAC-02X

Specifications	
Weight	7.5 kg
Dimensions	600mm (L) x 230mm (W) x 175mm (H) – with pads
Power Supply	220V / 50Hz
Power Consumption	Max 20W
Belt Width	150mm (PVC, customizable length)
Motor	High-quality AC motor with digital speed controller
Speed	0-15 m/min
Structure	High-quality aluminum
Machine Compatibility	Gressler TIJ GT Series, Gressler CIJ GC Series

MINI CONVEYOR
TIJ PACKAGE SERIES

Package No.	GT Series	Max Print Height
CMS TJC1 (1) 1060	GT-1000-1	12.7mm
CMS TJC1 (2) 1060	GT-1000-2	25.4mm
CMS TJC2i (1) 1060	GT-2000i-1	25.4mm
CMS TJC2i (2) 1060	GT-2000i-2	50.8mm
CMS TJC2i (3) 1060	GT-2000i-3	76.2mm
CMS TJC2i (4) 1060	GT-2000i-4	101.6mm

MINI FRICTION FEEDER
GAF-8030

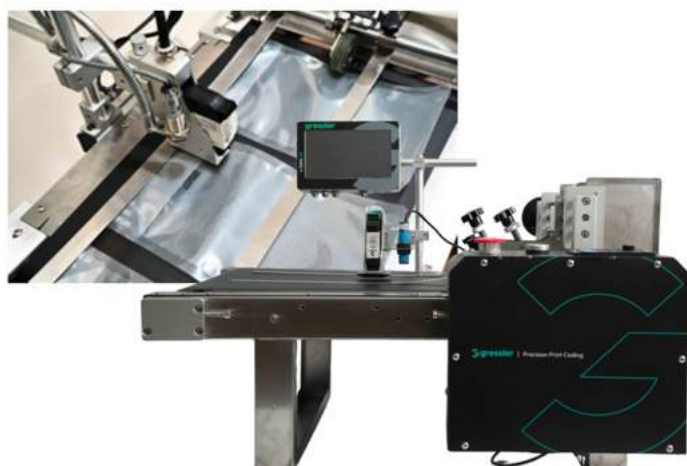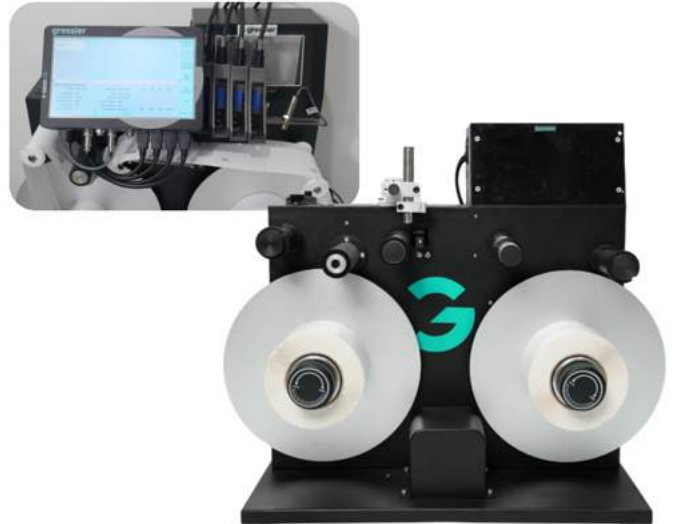|		
1	**Features**	• Speed control with adjustable range from 5 to 100m/ min • Product size range: 50-300mm, fully adjustable • Adjustable pressure plate for handling various packaging thicknesses • Bracket designed for easy installation of inkjet printers
2	**Supported Packaging Types**	Carton boxes, paper boxes, plastic packaging bags, cards, and more
3		Material : Stainless Steel 201# Dimensions: 690mm (L) x 370mm (W) x 390mm (H) Belts Thickness: 2mm, Adjustable Width: 300mm Black finish
4	**Printer Compatibility**	Gressler TIJ GT Series, CIJ GC Series

![gressler logo]

VERTICAL REWINDER
GAR-03FX

Package No.	GT Series	Max Print Height
CMS TJR1 (1) 1060	GT-1000-1	12.7mm
CMS TJR1 (2) 1060	GT-1000-2	25.4mm
CMS TJR2i (1) 1060	GT-2000i-1	25.4mm
CMS TJR2i (2) 1060	GT-2000i-2	50.8mm
CMS TJR2i (3) 1060	GT-2000i-3	76.2mm
CMS TJR2i (4) 1060	GT-2000i-4	101.6mm

PAGING SYSTEM
GAP-90PX

Specifications	
Power & Motor	200W, 220V/50Hz, adjustable speed motor
Conveyor Size	300mm × 2170mm, durable black PVC
Machine Dimensions	1500mm (L) × 390mm (W) × 770mm (H)
Product Size Range	Width: 130–300mm, Height: 1.2–20mm
Speed & Detection	Paging: 0–90m/min Code reading: 75m/min, 110m/min
Optional Feature	Rejection device for unreadable/missing codes
Printer Compatibility	TIJ GT Series, Gressler CIJ GC Series

*Exclude coding printer

EGG CODER

	Features
1	**Features** Speed control with adjustable range from 5 to 100m/ min Product size range: 50-300mm, fully adjustable Adjustable pressure plate for handling various packaging thicknesses Bracket designed for easy installation of inkjet printers
2	**Supported Packaging Types** Carton boxes, paper boxes, plastic packaging bags, cards, and more
3	**Material : Stainless Steel 201#** Dimensions: 690mm (L) x 370mm (W) x 390mm (H) Belts Thickness: 2mm, Adjustable Width: 300mm Black finish
4	**Printer Compatibility** CIJ GC Series

SERVICE & SUPPORT

Our Services

Installation and Commissioning	Professional machine setup by experienced engineers. Includes physical installation, system calibration, and environment adjustments for seamless integration.
24/7 Technical Support	Round-the-clock assistance via phone, remote troubleshooting, or on-site visits. Rapid response to minimize downtime and keep your line running.
Preventive Maintenance	Regular inspections, deep cleaning, and precision calibrations. Designed to prevent issues, extend equipment life, and maintain peak performance.
Spare Parts and Consumables	High standard parts and consumables with strict quality control. Backed by an efficient logistics network for fast and reliable delivery.
Operator Training Program	Modular training tailored to operator skill levels. Combines theory and practical case studies to ensure confident, capable machine handling.

Gressler Service Center (GSC) Network

JABODETABEK
Citragrand Cibubur CBD Ruko Fraser Park FR 03, No.33, Jl. Alternatif Cibubur No.33, Jatirangga, Kec. Jatisampurna, Bekasi 17434

SEMARANG
Service Center Semarang BSB, JADE SQUARE No.A21A, Pesantren, Kec. Mijen, Kota Semarang, Jawa Tengah 50212

SURABAYA (SIDOARJO)
Ruko Kahuripan Avenue No.25 Jalan Kahuripan Raya, Kahuripan Nirwana, Sidoarjo 61252

BANDUNG
Jl. Banyak Niaga Kulon No.12 A, Cipeundeuy, Kec. Padalarang, Kabupaten Bandung Barat, Jawa Barat 40553

Available service engineers across Sumatra (Lampung, Medan, Palembang), Kalimantan (Balikpapan, Samarinda, Bengkulu), Sulawesi & Eastern Indonesia (Makassar, Kendari, Palu, Manado, East Indonesia), and Java, Bali, Lombok.

Follow Gressler on social media for more updates!

www.gressler.id

Contact us today via Whatsapp

0878 4737 7537

Precision Print Coding for a Perfect Product