



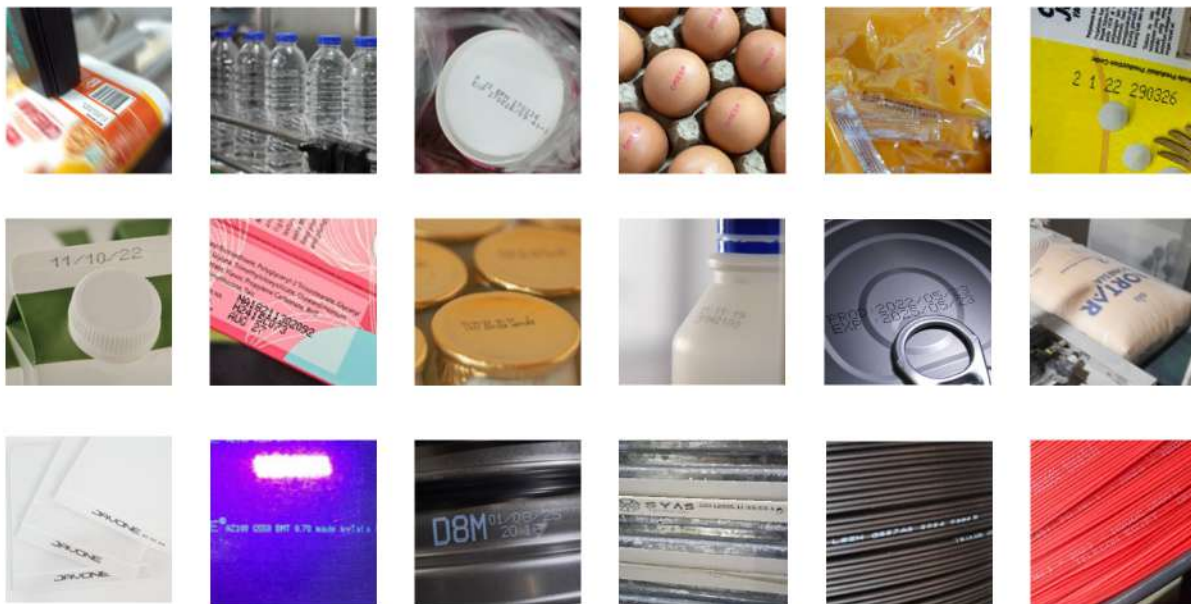
Precision Print Coding for a Perfect Product

Continuous Inkjet Printer GC-1000 and GC-2000XT



Industries and Applications

- Food & Beverage
- Pharmaceutical
- Cosmetics, Personal & Home Care
- Eggs & Egg Cartons
- Building Materials
- Cable & Extrusion
- Electronics & Electrical Components
- Tobacco



Sample images demonstrate typical coding results achieved under controlled conditions. Performance may vary depending on material type, production environment, and application requirements.

Achieve Consistent Coding, Higher Efficiency, and Greater Reliability

As traceability requirements continue to grow, accurate and reliable coding has never been more important. The Gressler GC Series supports seamless integration with production lines, helping manufacturers simplify code management, reduce human error, and ensure consistent coding accuracy. With intuitive operation and flexible connectivity, product changeovers become faster, smoother, and more efficient.



KEY BENEFITS

Cost-Efficient Operation

Reduce total cost of ownership with optimized ink consumption, minimal maintenance requirements, and versatile coding capabilities across a wide range of packaging materials.

Smart, Simple Operation

Featuring a 10.1-inch tablet-inspired touchscreen, the GC Series simplifies message creation, product changeovers, and real-time system monitoring. Its intuitive interface helps minimize operator errors and training time, helping ensure accurate and consistent coding.

High-Speed Performance

Designed to keep pace with demanding production environments, delivering reliable coding quality at high line speeds while maintaining clear, legible prints.

Flexible Coding & Traceability

Print dates, batch numbers, barcodes, QR codes, logos, and graphics with consistent accuracy to support product identification and compliance requirements.

Maximum Uptime & Simplified Maintenance

Engineered for continuous operation with proven printhead technology, simplified maintenance, and high-speed performance to minimize downtime and maintain consistent code quality.

Specialty Inks & Expert Support

Available with a wide range of specialty inks—including food-grade, fast-drying, UV-readable, and washable formulations—backed by professional technical support for dependable operation.

PRODUCT CONSULTATION

0878 4737 7537
WHATSAPP

sales@gressler.co

PT MULIA MESIN INDUSTRI
AUTHORIZED INDONESIA DISTRIBUTOR

Citragrand Cibubur CBD Cluster Ruko
Fraser Park FRO3 No.30 Jl. Raya
Alternatif Cibubur-Cileungsi KM.5
Jatirangga, Jatisampurna, Bekasi,
West Java 17434 - Indonesia



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AFTER SALES SUPPORT

Preventive Maintenance & Servicing

- Scheduled inspections, cleaning, and calibration of critical components
- Proactive replacement of wear-and-tear parts before they fail.

Installation & Commissioning

- Proper setup and calibration of the machine at the customer's site.
- Ensuring the equipment is ready for immediate use.
- Training on initial operation and basic troubleshooting.

Spare Parts & Consumables Support

- Reliable supply of genuine spare parts and high-quality consumables.
- Fast delivery to prevent production delays.
- Expert advice on selecting the right components and consumables for specific applications.

24/7 Technical Support

- 24/7 helpline, remote diagnostics, and on-site repairs for quick issue resolution.
- Expert guidance to address coding errors, printhead blockages, or machine malfunctions.

Operator Training Program

- Hands-on training sessions for operators on machine usage & maintenance.
- Training materials like manuals, videos, or online resources.
- Refresher courses for new employees or when upgrading equipment.



GC-1000 Series

Efficient & Reliable Continuous Inkjet



GC-2000XT Series

eXTended Speed Continuous Inkjet



Specification	Standard Nozzle		Micro-size Nozzle (Optional)	
	GC-1600	GC-1700	GC-1500	GC-1400
Nozzle Size	60 μm	75 μm	50 μm	40 μm
Display / User Interface	TFT LCD 10.1" Touchscreen			
Font / Dot Matrix	5×6L, 7×6L, 7×10L, 9×8L, 9×11L, 11×11L, 16×16L, 24×24L, 32×32L, 11×11B, 16×16B, 24×24B, 32×32B			
Max. Lines of Print	Up to 5 lines			
Print Height	3-30 mm			
Max. Print Speed	295 m/min	360 m/min	384 m/min	384 m/min
Throw Distance	2-16 mm			
Umbilical / Print Head Cable Length	3 m (Standard), 6 m (Optional)			
Sensor / I/O Options	Optical Sensor, Encoder, Alarm Output, NPN/PNP			
Communication Interface	Ethernet LAN, RS232, USB, Encoder, Photocell, Alarm Beacon			
Power Requirement	200-240 VAC, 50/60 Hz			
Operating Temperature	0°C - 45°C			
Humidity	10-90% RH (Non-condensing)			
Ink Type	MEK, Acetone, Ethanol, UV Curable			
Pigmented Ink Compatibility	White, Yellow, Green, Blue, Red		-	
Available Ink Colors	Black, White, Yellow, Red, Blue, Green, UV Invisible		Black, Yellow	
Ink Volume	825 ml			
Makeup Volume	825 ml			
Message Storage / Capacity	Up to 150 Messages			
Machine Material	Stainless Steel 304 cabinet (finishing weather-resistant black eco-solvent vinyl)			
Protection Rating	IP55 Standard (IP65 Optional)			
External Dimensions (L×W×H)	447 × 242 × 664 mm			
Print Head Dimensions	47,5 × 240 mm			
Estimated Weight	30 kg			
Consumables	Ink & Makeup			
Accessories Included	Printhead Stand, Photocell Sensor, Cleaning Kit, Basic Tools			
Optional Accessories	6m Umbilical, Encoder, Sensor, Custom Bracket, Traverse System			
Compliance	RoHS, CE, EAC			

Specification	Standard	Optional
	GC-2600XT	GC-2700XT
Nozzle Size	60 µm	70 µm
Display / User Interface	TFT LCD 10.1" Touchscreen (1280×800)	
Font / Dot Matrix	5×5, 7×5, 9×7, 12×10, 16×12, 24×18, 32×24	
Max. Lines of Print	Up to 5 lines (5×5), 4 lines (5×7, 7×5), 2 lines (9×7, 12×10), 1 line (16×12, 24×18, 32×24)	
Print Height	1.8 – 30 mm	
Max. Print Speed	Up to 402 m/min	
Throw Distance	Max. 30 mm from substrate	
Umbilical / Print Head Cable Length	3 m (Standard), 5 m (Optional)	
Sensor / I/O Options	Photoelectric Sensor (Standard), Fiber Optic Sensor (Optional)	
Communication Interface	Ethernet LAN, RS232, USB, Encoder, Photocell, Alarm Beacon (24V)	
Power Requirement	100-240 VAC ±10%, 50/60 Hz, 3A	
Operating Temperature	0°C – 60°C	
Humidity	30-95% RH (Non-condensing)	
Ink Type	Ink & Makeup Cartridge System	
Pigmented Ink Compatibility	Available	
Available Ink Colors	Black, Yellow	
Ink Volume	750 ml	
Makeup Volume	750 ml	
Message Storage / Capacity	6 GB eMMC Memory	
Machine Material	Stainless Steel 304 cabinet (finishing weather-resistant black eco-solvent vinyl)	
Protection Rating	IP55 Standard (IP65 Optional)	
External Dimensions (L×W×H)	650 × 370 × 320 mm	
Print Head Dimensions	40 × 230 mm	
Estimated Weight	25 kg	
Consumables	Ink and Makeup	
Accessories Included	Printhead Stand, Photocell Sensor, Cleaning Kit, Basic Tools	
Optional Accessories	Positive Air Kit, RS232 Connector Kit, Alarm Beacon, Stainless Steel Table	
Compliance	RoHS, CE	

Easy Printhead Care for Maximum Uptime

Experience seamless operation with our interactive touchscreen controller

Proven Ink System Technology

Connects with local systems, providing real-time data and streamlined operations.

Standard Printhead

Built for Demanding Production Speeds

User-Friendly Touchscreen Designed for Maximum Efficiency

Ink System Technology

Ready for Connectivity & Traceability

*Actual installation may require additional hardware based on the production environment.
**Speed, resolution may vary depending on application on site and substrates type.