

## GTH 050 Mini Portable Thermal Inkjet

Not every product fits neatly into a fixed production line. In many operations, space is constrained and materials—such as automotive frames, large components, bulk sacks, or palletized goods—are difficult to move, reposition, or pass through a conveyor system.



Gressler GTH050 is built for these scenarios, where mobility becomes essential. It allows operators to bring the printer directly to the product, enabling manual, on-demand marking with consistent, reliable output—without the need for complex line integration.

***Not designed for high-speed automated lines—best suited for manual, flexible marking applications.***

### Key Advantages

- Mobility on the Production Floor**  
Lightweight and handheld, enabling operators to mark directly on large or fixed items.
- Space-Efficient Solution**  
No need for dedicated line integration—ideal for facilities with limited footprint.
- Manual but Controlled Application**  
Operators can apply codes precisely where needed, reducing handling complexity.
- Reliable Output with Proven Gressler Ink**  
Backed by industrially tested Gressler ink, ensuring consistent adhesion and readability even in demanding environments.

### SALES INQUIRY



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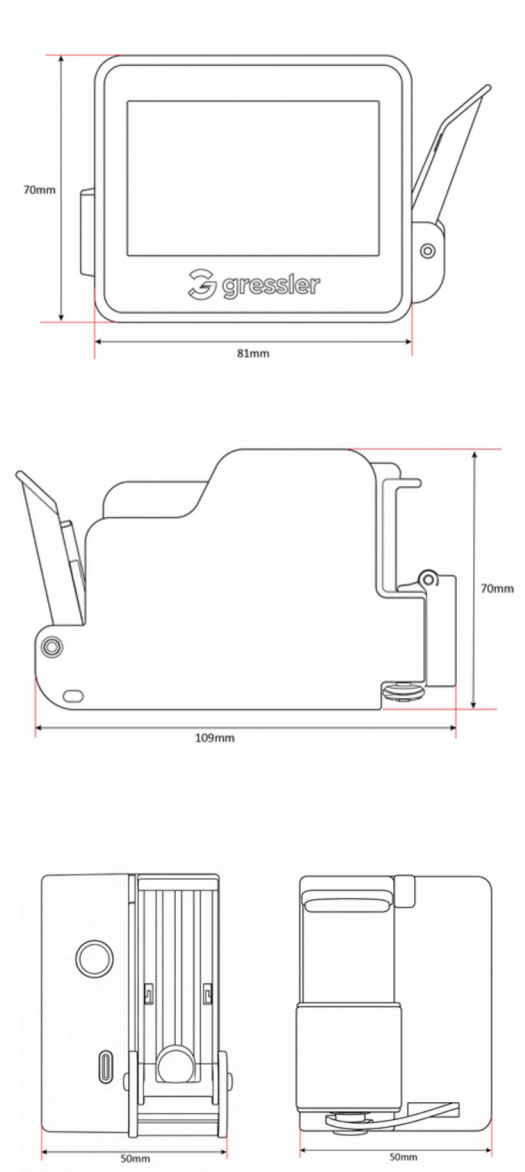


[www.gressler.id](http://www.gressler.id)

### Applications

- Automotive & Metal Fabrication**  
Marking on frames, parts, or assemblies that remain stationary
- Heavy or Oversized Packaging**  
Printing on large sacks, drums, or bulk materials
- Warehouse & Logistics**  
Flexible marking for items that bypass automated lines
- Supplementary Line Support**  
Backup solution when fixed systems are unavailable or impractical

| Parameter           | Specification                                                        |
|---------------------|----------------------------------------------------------------------|
| Printing Technology | Thermal Inkjet (TIJ)                                                 |
| Resolution          | Up to 600 DPI                                                        |
| Print Height        | 2 mm – 12.7 mm                                                       |
| Print Content       | Text, Date, QR Code, Barcode, Logo, Image, Table                     |
| Supported Materials | Carton, Plastic, Metal, Wood, Flexible Packaging                     |
| User Interface      | 2.4-inch Capacitive Touchscreen                                      |
| Software Features   | OTA Updates, Database Printing, GS1 QR Support, Multi-language Input |
| Battery Capacity    | 2500 mAh                                                             |
| Charging            | 110-220V AC Input , DC16.8V 2A DC Output                             |
| Power Supply        | 7.4V / 1A                                                            |
| Device Weight       | Approx. 150 g                                                        |
| Connectivity        | USB Data Transfer, Wireless Communication (Bluetooth)                |
| Ink Type            | Gressler TIJ Ink 42ml (Industrial-tested formulations)               |
| Printhead           | Integrated TIJ Printhead                                             |
| Protection Features | Printhead Cover, Anti-interference Design                            |



## PRODUCT INFORMATION AND TERMS

Print performance may vary depending on operator handling, application conditions, and substrate type. For detailed guidance and application-specific recommendations, please consult a Gressler Sales Advisor. This brochure is provided for informational purposes only and does not constitute an offer or form part of any contractual agreement. Final terms are outlined in separate purchase documentation.

All performance data and statements are based on controlled use cases and typical operating conditions, and should not be interpreted as guaranteed results in all environments. As part of our commitment to continuous improvement, Gressler reserves the right to update product design and specifications without prior notice.