# GeBE-VARIO Plus Linerless — GPT-18760-LL

C32

## TECHNICAL INFORMATION

## The key advantages at a glance:

- Thermal printer, also with presenter unit and paper roll holder

- Linerless cutter for full cut for paper thickness 70 – 120 µm

- Suitable for linerless paper printouts of text, graphics and barcodes

- For paper width 114 – 151 mm and paper roll diameter up to 250 mm

- High quality print of 203 dpi with speed up to 200 mm/s

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## The GeBE-VARIO Plus Linerless

The thermal printer GeBE-VARIO Plus Linerless with linerless cutter and optional with presenter unit is particularly suitable for papers without liner material (linerless). The material of the platen as well as the cutter blade is adhesive-repellent whereby linerless paper is transported and cut off without any problems. The linerless papers are also much more environmentally friendly, as no carrier material has to be disposed of as hazardous waste.

The wide range of available layout commands and several character sizes allow attractive ticket designs. Using the right paper, the printer can be operated in a temperature range from -20°C to +70°C (-4°F to +158°F). Due to the specification for linerless papers, the printer can be used in the following temperature ranges: e.g. for linerless papers with the Hotmelt adhesive in a temperature range from -10°C to +40°C (14°F to 104°F) and for linerless papers with the UV Hotmelt adhesive in a temperature range from -10°C to +60°C (14°F to 140°F).

### Typical applications

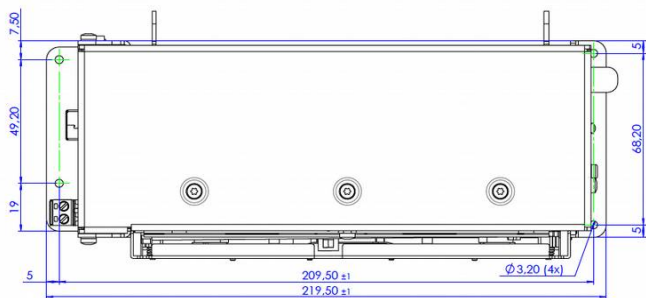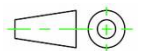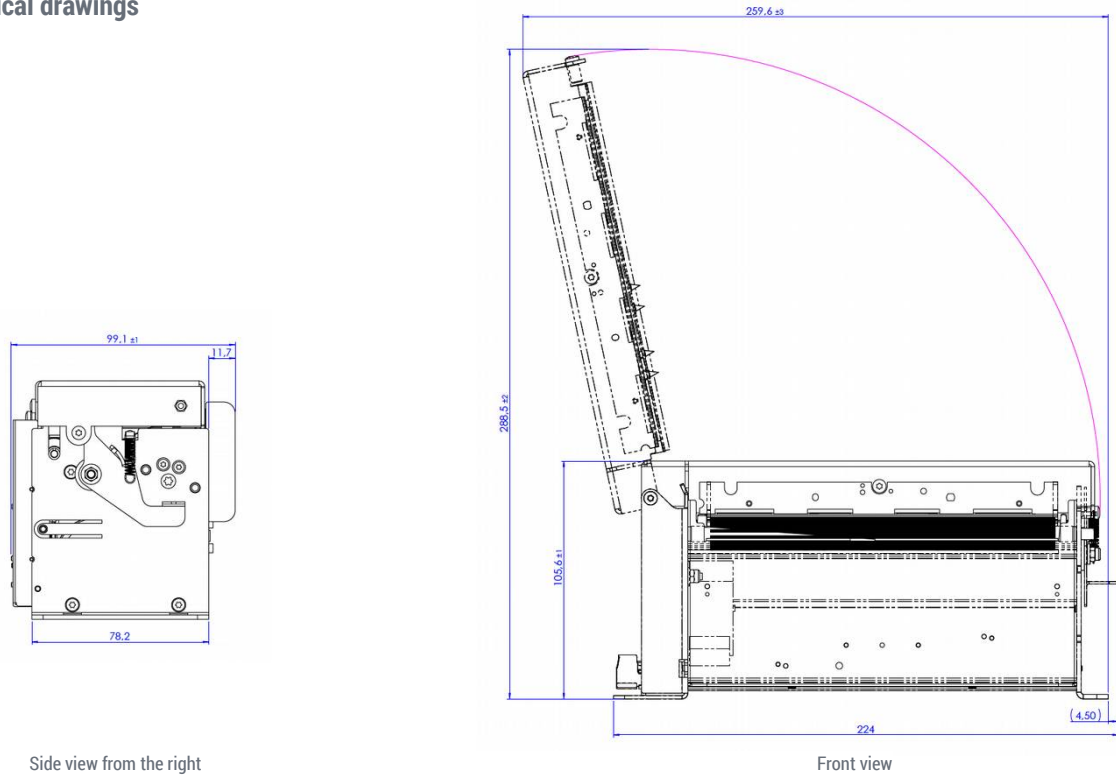*   Label printing, e.g. in logistic and retail

### Drivers

The printer controller GCT-10610 will be supported by following drivers:

*   Windows® 7, 8, 8.1, 10, 11 and Windows® CE 5.0, 6.0, 7.0
*   CUPS for Linux Ubuntu 16.04 LTS, 18.04 LTS, 19.04 LTS and 20.04 LTS (others on request)
*   SDK for Windows® 7, 8, 8.1, 10, 11 and Windows® CE 6.0, 7.0, Android Studio up from version 3.2.1, Linux Ubuntu 16.04 LTS, 18.04 LTS, 19.04 LTS and 20.04 LTS, (others on request)
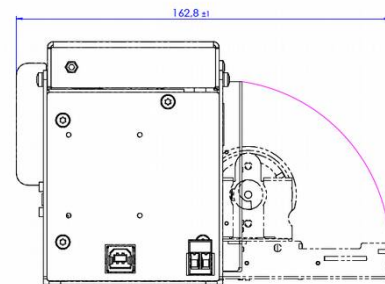
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|---|---|---|---|
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## Accessory

| Article number | Article description |
|---|---|
| **Cable** | |
| 12538 | Data round cable USB 2.0 FS, USB B  to USB A, length 1,800 mm (70.87 inch) |
| 10258 | Power supply cable for 10 – 36 VDC, 2 single wires 1.0 mm$^2$ with end splice, one side open, length 500 mm (19.69 inch) |
| **Power supply** | |
| 14461 | Power supply 24 VDC / 14.6A with shockproof plug and power supply cable |
| **Options** | |
| 14448 | Paper roll holder for paper rolls Ø 250 mm (9.84 inch) • paper width: 152 mm (5.98 inch) • with tensioner in lower position • without paper roll axis • without NPE |
| 14449 | Paper roll axis for 14448 • paper width: 152 mm (5.98 inch) • core diameter: 40 mm (1.57 inch) |
| 14450 | Paper roll axis for 14448 • paper width: 152 mm (5.98 inch) • core diameter: 76 mm (2.99 inch) |
| **Sensors** | |
| 14187 | NPE sensor with screws • without cable |
| 14296 | NPE sensor cable for 14187 with ZHR3 connector, length 300 mm (11.81 mm) |
| 14418 | NPE sensor cable for 14187 with ZHR3 connector, length 670 mm (26.38 inch) |

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## Technical drawings

Side view from the right

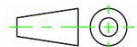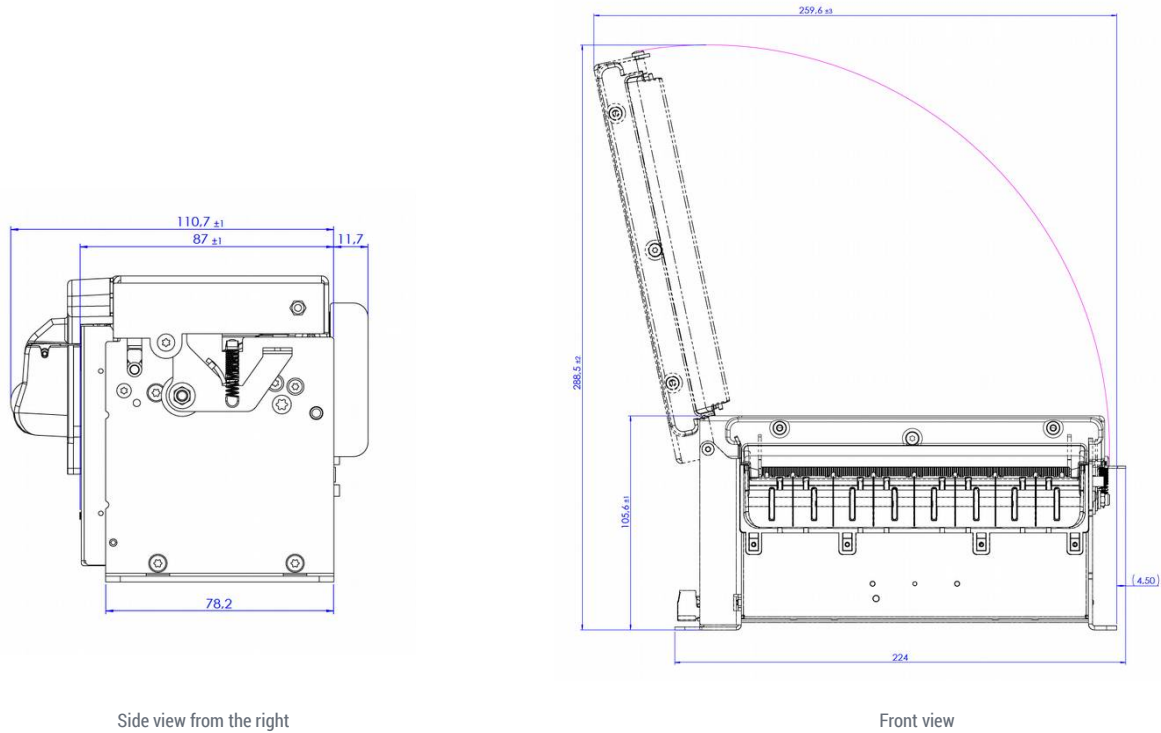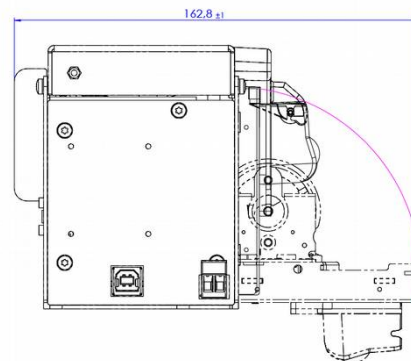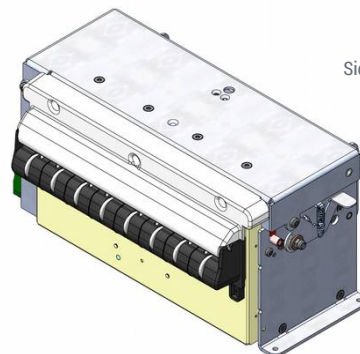Front view

Top view

Side view from the left
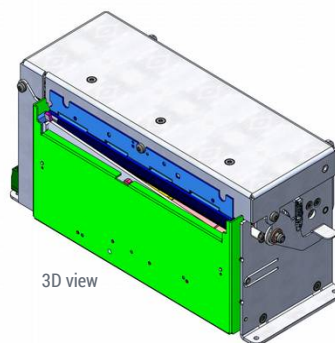
3D view

**Figure 1: Dimensions GeBE-VARIO Plus Linerless GPT-18760 (for max. 151 mm paper width) in mm**

Side view from the right

Front view
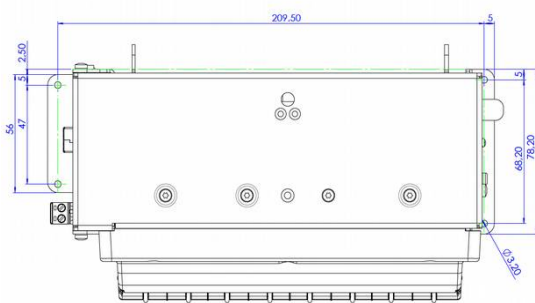
Top view

Side view from the left

3D view

**Figure 2: Dimensions GeBE-VARIO Plus Linerless GPT-18760-P (for max. 151 mm paper width) in mm**

## Technical data details

| | GPT-18760-LL |
|---|---|
| Insert paper | easy paper loading |
| Print procedure | thermal direct print |
| Resolution | 8 dots/mm (203dpi), 1152 dots/line |
| Print speed | max. 200 mm/s (7.87 inch/s), depending on printer mechanism and settings |
| Paper width | 114 – 151 mm (4.49 – 5.94 inch),  free adjustable |
| Print width | 144 mm (5.67 inch) |
| Paper thickness | 70 – 120 µm (2.76 – 4.72 mil) |
| Paper roll diameter | max. 250 mm (9.84 inch) with paper roll holder |
| Supply voltage | 24 VDC ±10% |
| Current consumption print | adjustable via command: approx. 3.0 – 14.6 A (peak) |
| Current consumption without print | approx. 65 mA (depending on interface) |
| Available interfaces | USB 2.0 FS, RS232 |
| Fonts | 11 fonts extendable, UTF-able, optional: Unicode |
| Barcode | EAN8, EAN13, UPCA, Code39, 2of5int, Code128, QR Code |
| MTBF*) | 100 km (62 miles) / 500,000 cuts (depending on paper) |
| Dimensions (W x H x D) | printer without presenter unit: 224 x 106 x 100 mm (8.82 x 4.17 x 3.94 inch) |
| Weight | printer without presenter unit: approx. 2,120 g |
| Housing | stainless steel |
| Environment**) | -20°C – +70°C (-4°F – +158°F) with specified paper |
| | -10°C – +40°C (14°F – 104°F), due to linerless paper specification with Hotmelt adhesive |
| | -10°C – +60°C (14°F – 140°F), due to linerless paper specification with UV Hotmelt adhesive |
| Humidity | 10 – 90 % relative humidity, without condensation |
| Storage condition | -20°C – +70°C (-4°F – +158°F) at 10 – 90 % relative humidity, without condensation |

*) Life cycle according to mechanism testing conditions of the manufacturer with specified paper only. Please inquire. The life cycle of the print head is an averaged expectable performance and no guaranteed data. Under optimum conditions, the above listed data can be achieved using specified paper according to our documentation TI-DE-0879.
**) In case the print head reaches the maximum ambient temperature, the printer will interrupt operation until cooling down and sends an error message.