GeBE-VARIO Box Linerless   GPT-187x5-LL

TECHNICAL INFORMATION

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The key advantages at a glance:

- 6" or 4" thermal desktop printer with presenter unit in the housing

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

- For paper width 80 – 152 mm and paper roll diameter up to 180 mm

- High quality print of 203/300 dpi with speed up to 250 mm/s

- Integrated power supply for 80 – 264 VAC

The GeBE-VARIO Box Linerless

The thermal printer GeBE-VARIO Box Linerless with linerless cutter and 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 -10°C to +60°C (14°F to 140°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 +30°C (14°F to 86°F) and for linerless papers with the UV Hotmelt resp. acrylate 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® 10, 11 and Windows® CE 7.0 (others on request)
- CUPS for Linux Ubuntu 16.04 LTS, 18.04 LTS and 20.04 LTS (others on request)
- SDK for Windows® 10, 11 and Windows® CE 7.0, Android Studio up from version 3.2.1, Linux Ubuntu 16.04 LTS, 18.04 LTS and 20.04 LTS, (others on request)

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)
11002	Power supply cable, 3 pin, shockproof plug type E+F to appliance socket C13, length 1.5 m
Paper	
14544	Roll: max. ø 180 mm (7.09 inch) • core inside: ø 76 mm (2.99 inch) • width: 148 ±0.5 mm (5.83 ±0.02 inch) • paper thickness: approx. 85 µm (3.35 mil) • outside coated • running length: approx. 200 m (218.73 yd) • linerless

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Technical drawings
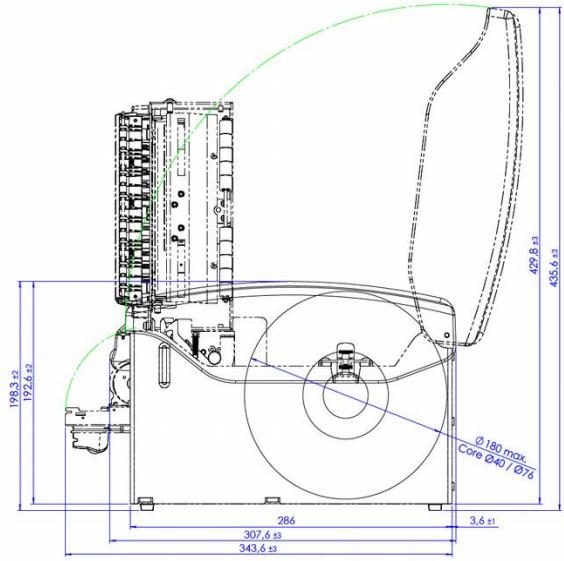
Side view from the right
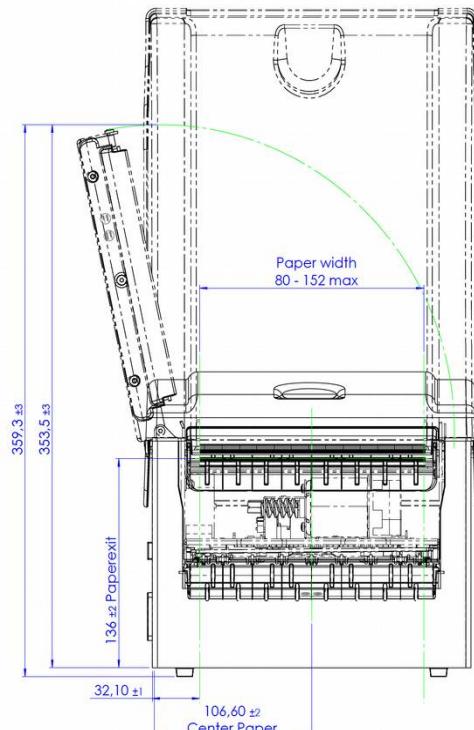
Front view
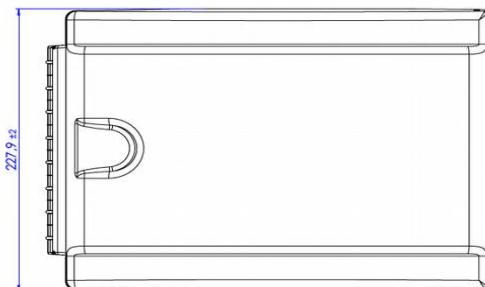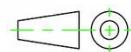
Top view
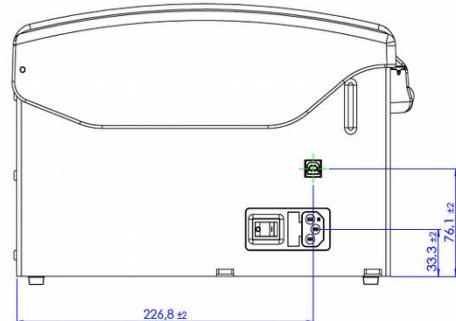
Side view from the left

3D view
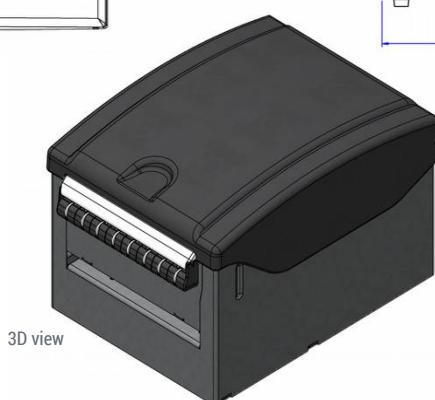
Figure 1: Dimensions GeBE-VARIO Box Linerless GPT-187x5 (for max. 152 mm paper width) in mm

Technical data details

	GPT-18765-LL	GPT-18745-LL
Insert paper	easy paper loading	
Print procedure	thermal direct print	
Resolution	8 dots/mm (203 dpi), 1152 dots/line	12 dots./mm (300 dpi), 1280 dots/line
Print speed	max. 200 mm/s (7.87 inch/s)	max. 250 mm/s (9.84 inch/s)
Paper width	80 – 152 mm (3.15 – 5.98 inch)	80 – 114 mm (3.15 – 4.49 inch)
Print width	144 mm (5.67 inch)	108 mm (4.25 inch)
Paper thickness	70 – 120 µm (2.76 – 4.72 mil)	
Paper roll diameter / running length	max. 180 mm (7.09 inch)	
Supply voltage	80 – 264 VAC / 47 – 63 Hz	
Current consumption print	2.1 A / 230 VAC resp. 4.2 A / 115 VAC (typ.) fuse: 4.0 AT	
Available interfaces	USB 2.0 FS	
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)	228 x 199 x 308 mm (8.98 x 7.83 x 12.13 inch)	
Weight (without paper roll)	approx. 6,050 g	
Housing	steel and plastic reclaimed PS	
Environment**)	-10°C – +60°C (14°F – 140°F) with specified paper -10°C – +30°C (14°F – 86°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 resp. acrylate adhesive	
Humidity	20 – 80 % 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.