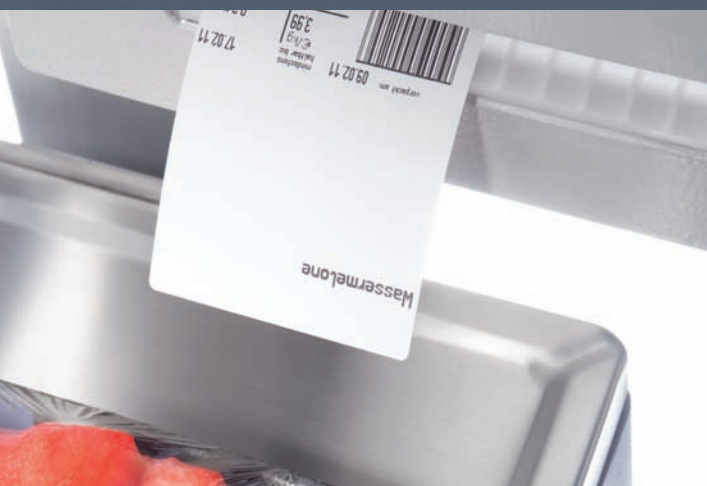


# BIZERBA

■ ... closer to your business

## ■ Intelligence on a label ...

... Bizerba direct thermal/thermal transfer printers  
GLP-80/160 and GLP-I



The Bizerba GLP generation of printers combines writing and reading of RFID labels into one device.

## Employing "smart solutions" ...

The Bizerba GLP generation of printers combines writing and reading of RFID labels into one device. The calligraphically designed labels with high quality printed pictures can also use a transponder for data storage (ISO 15693/HF, EPCglobal/UHF) and are suitable for intelligent solutions e.g. in logistics, shipping, stock, airport baggage check-in or leasing businesses.

### Process Control ... from production to consumer

The Bizerba GLP printer allows the application of bar codes, retracing and weight-based goods labelling as well as RFID coding in thermal and thermal transfer printing. In particular the use of RFID technology allows ideas to be implemented in which production, stock and distribution logistics and even supply chain management are optimized and quality is guaranteed. Using the Bizerba Easy-Link-RFID and existing IT infrastructures, your processes will enjoy increased efficiency, flexibility and functionality which will give you an important advantage over your competitors.

### Significantly better with RFID coding

Especially for industrial applications RFID labels offer definite benefits:

- labels do not require visual contact with the reader
- labels can still be identified when wet or dirty
- labels can be modified even during identification.

Example shipping: packages can be RFID-coded in the packing station so that they will be automatically identified at the next station e.g. the weighing station. The GLP printer receives the information from the host about the destination address and shipping route so that the label can be printed immediately.



*Bizerba GLP-80 for weight-based labelling with integrated data base and connection to weighing scales*



**Labelling concepts for the next generation, all from a single source with the know-how of the specialists.**



*Bizerba's GLP-160 in optional stainless steel housing for printing widths of 56 to 168 mm*



GLP printers fit perfectly into the high end range of intelligent weighing-information-communication products from Bizerba.

- Process optimization
- Rationalization
- Measurable improvement in efficiency

Typical: wherever it's possible to accelerate and automate processes, our future-oriented systems provide 100% process safety, more overview and more transparency.

#### **Set-up times down significantly**

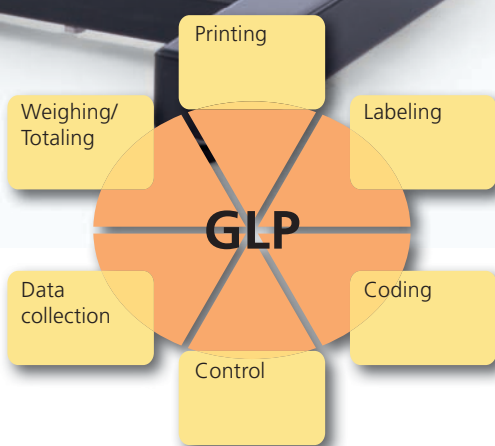
The manual GLP-I printer with plastic casing can be used for both weight-dependent and fixed-weight and fixed-value marking. In the production of meat, sausage, poultry and cheese goods as well as for fruit and vegetables, convenience products or retail. As a sum printer it can also be used in fully automated labelling lines. The rolls on the GLP-I have to be replaced less often as it takes label rolls up to 300mm in diameter.







**Bizerba GLP-I**



### Impressive functionality and quality ...

**GLP printers can be used as label printers for product identifiers in the food processing industry, in the manufacturing trade and in logistics. Ideal for shipping and stock labelling. And in combination with Bizerba weighing technology the perfect launch into manual price labelling.**

- The printers can be connected together in a network and accessed via the internet. SPS and scanners can be connected directly.
- Putting in a new roll of labels or thermal transfer foils takes only a matter of seconds thus eliminating expensive stoppages.
- Because the setup and maintenance of the printer requires no special tools, costs are reduced and quality is increased
- The paper light barrier does not require any tools to adjust it. Operation in label-dispensing and reverse mode and at end of print provide maximum flexibility
- The processing of high-gloss labels – also in thermal direct quality – opens new attractive and customized labelling options

### Design in its best form and function

Forget about expensive stoppages and high equipment costs. This printer is easy to operate and functions reliably. Thanks to top quality construction and materials. Company-wide certification based on DIN EN ISO 9001 means our quality management system guarantees the highest degree of product safety, and with the modular choice of Bizerba service agreements you can protect your investment through preventative care and maintenance. Should something nevertheless go wrong, our service technicians will be there quickly to help you.

Even more functions, even easier to use, even more possibilities for configuring to the user's needs. And it still maintains its straightforward structure so that the user quickly and intuitively feels at home with all the functionality. The latest generation of Bizerba user terminals is full of clever ideas.

## Always know what's going on, have everything under control ...

### Handling adapted to your needs

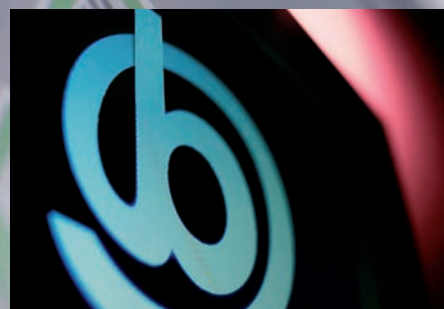
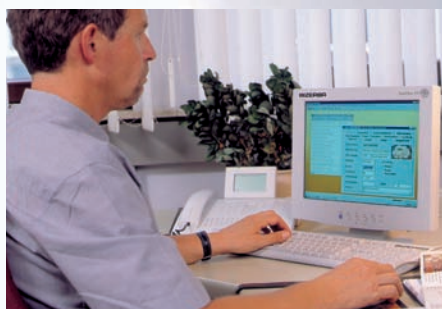
The GT 240's alphanumeric keyboard and the GT-12 C's touch screen allow data to be entered into the system and printed without the use of a PC:

- The GT 240 operating unit has been ergonomically designed to be connected anywhere i.e. to a printer or there where you need it.
- Surrounded by robust and hygienic stainless steel housing, the GT-12 C user terminal offers even more: for example the masks for the colour touch display can be equipped with self-explanatory pictures or pictograms or with quick buttons, as required.
- Data back-ups and configuration back-ups onto memory card or PC can be carried out easily.

Faults with the Bizerba GLP printers are reported per e-mail directly to the product manager's pocket PC or desktop PC. The e-Service from Bizerba also offers you remote monitoring and a tool for remote training of users. The benefit to you is a direct and extensive problem management for your weighing and labelling systems.

### Service in Real Time

On purchasing a new instrument, the Bizerba e-Service tool is free for the first 12 months after access rights and equipment have been acquired. On receiving an email, the experienced product specialists from the Bizerba Service team will contact you immediately either by telephone or by direct access over the internet. Afterwards you can decide whether to purchase an e-Service packet. And of course this service packet also covers your other Bizerba machines and systems, if you wish.



## GLP-80 / GLP-160

### Barcodes

- PDF 417, PDF AI, EAN 128, EAN 8 und 13, 2/5, 2/5 int., Code 128, ITF, Code 39, RSS, Composite Code

### Printing technology

- Thermal direct transfer, optional thermal transfer
- Resolution
  - GLP-80 8 Dot/mm (optional 12 Dot)
  - GLP-160 8 Dot/mm (optional 12 Dot)
- Printing width
  - GLP-80 56 mm (optional 80 mm)
  - GLP-160 80 mm (optional 104 mm/168 mm)
- Print rate: bis 250 mm/sek.

### Label throughout

- GLP-80 80 mm
- GLP-160 160 mm

### Reversing mode

- Yes

### Labels

- GLP-80
  - Min.: 30 x 8 mm (W x H), Max.: 80 x 500 mm (W x H)
  - Layout length: 500 mm Label exit: Printed side up
- GLP-160
  - Min.: 30 x 8 mm (W x H), Max.: 168 x 500 mm (W x H)
  - Layout length: 500 mm Label exit: Printed side up

### Label roll

- Core Ø: 40-76 mm, Outer Ø: 150 mm

### Load receptor

- Analog load receptor up to 56 Ohm via I-ADC

### Interfaces

- RS 485, Bizerbe systembus, minibus for scales connection, EDP 1: RS 232 o. RS 422 o. TTY with GxNet via AEDP/connection 9-pin, SUB D (optional: EDP 2: RS 232 o. RS 422 o. TTY for scanner/connection 9-pin, SUB D) (optional: Ethernet 10 base T, TCP/IP), I-ADC (for Bizerba-load receptor up to 12 tons [optional]) USB for Windows printer driver

### Supply voltage

- 230 V/50-60 Hz/1,7 A, 110 V/60 Hz/2,4 A, 240 V/50 Hz/1,7 A

### Operating temperature

- 10 °C bis + 40 °C

### Humidity

- 20-90 %, non-condensing

### Class of protection

- IP 20/CE/UL

### Memory

- 2 MB SRAM, data memory (optional up to 8 MB)
- 4 MB Flash, loadable program memory

### Display

- LED status display/power/errorM-Card/Paper/Pause

### Keyboard

- Online/Offline/Reprint/FeedCancel/Pause

### Memory card connection

- Standard

### Printer driver

- Windows 98, NT, 2000, XP, ME

### Housing

- Steel, lacquered (optional stainless steel)

### Optional equipment

- Connection for analog scales
- Connection for barcode scanners
- Operating terminals (GT 240, GT 12 C)
- PC-based user interface GT softControl
- Wind-up and wind-off facilities
- Trolley for printer and labeling combinations
- Integrated RFID-write unit for HF and UHF Smart Labels

## GLP-I

### Display/operating unit:

- ¼ VGA in labeller (optional GT-12 C colour touch)

### Labelling unit

- TSG – plastic casing

### Labelling method

- Manual

### Label size

- Min. 20 x 20 mm, max. 120 x 300 mm

### Label roll

- Outside diameter 300 mm
- Core diameter 76 mm (40 mm optional)

### Printing method

- Direct thermal or thermal transfer (optional)
- Printing speed 150 mm/s (250 mm/s optional)
- Resolution 8 dots/mm (12 dots/mm optional)
- Printing width 80 mm (104 mm optional)

### Weighing range

- 6 kg 2 g, 15 kg 5 g, 3/6 kg 1/2 g, 6/15 kg 2/5 g
- Additional load receptors can be connected via I-ADW

### Interfaces

- RS 232, TCP/IP, optional RS 422, TTY

### Input current

- 230 V/50-60 Hz, 120 V/60 Hz

### Operating temperature

- 0 °C to 40 °C (standby to -10 °C)

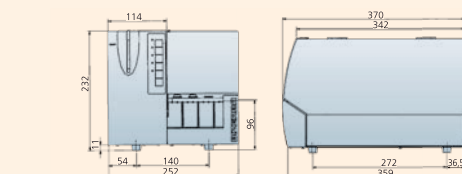
### Safety class

- IP 20

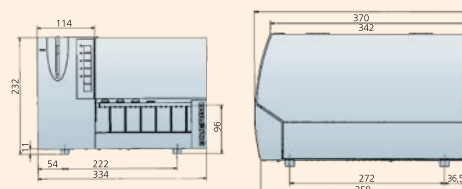
### Memory

- 4 MB (optional up to 8 MB)

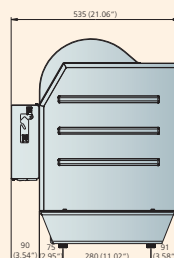
## GLP-80



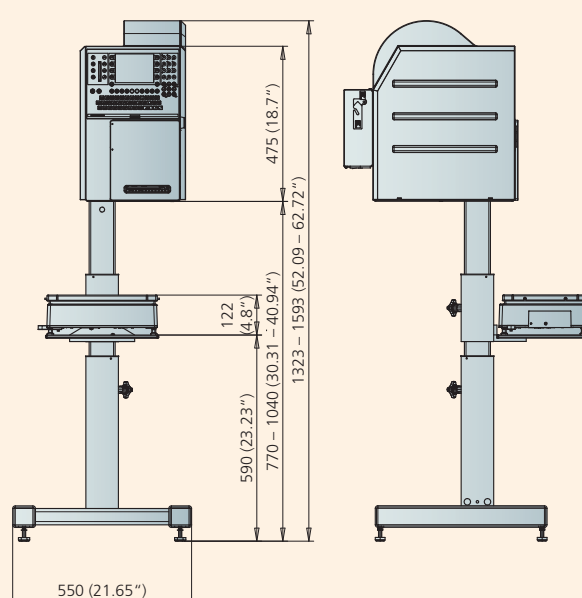
## GLP-160



## GLP-I



## GLP-I with stand (option)



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