

KOENIG & BAUER

ttPRINT – Thermal transfer coding



we're on it.

EN



We live „Made in Germany“

For over 45 years we have been developing and manufacturing high quality coding technology products at our site in Veitshöchheim, Germany. Our focus is on first-class quality, outstanding performance and all this in combination with unbeatable reliability. We're on it.

Uncompromisingly reliable. Coding with outstanding flexibility from printing to integration.

Thermal transfer printers (TTO) are ideal for high-resolution print quality on flexible packaging materials such as tubular bags, tray seals, films, folding boxes and labels.

ttPRINT printers are designed for installation in labelling and packaging machines in any application. The comprehensive Koenig & Bauer Coding portfolio offers the right printing system for your needs in consideration of your specific coding requirements.

Versatile, irrespective of industry

Sweets & savoury snacks

Print just-in-time expiration dates, batch numbers, and codes on your product packaging such as tubular bags, tray seals, foils, folding boxes, and labels. If required, you can easily add your special coding campaigns.



Foods

Enjoy unrestricted flexibility with coding directly at the manufacturing location, for instance on moulding or thermoforming machines. Variable data printing adjusts directly to your coding needs, including multi-lane printing and cyclical printing.



Fresh foods

Down to the time of a second, coding of your packaging ensures you always have optimal traceability for your products. Create large-format print images – such as ingredient lists – and print them in high resolution and at high speed.



ttPRINT printers code perfectly in many industries and on a wide variety of materials and surfaces.



Soft drinks and pouches

The perfect print image for your code on flexible packaging foil integrates seamlessly into your product design for brand positioning.



Cosmetics and drugstore items

Precise and elegant coding with thermal transfer printing goes hand in hand with your high-quality brand design. Master your label and packaging coding with distinction.



Pharmaceuticals

Synchronise frequently changing datasets from your database with the printer. Always print up to date alpha-numeric characters and 1D and 2D codes and secure the process for your track & trace requirements.

50 device variations

guarantee a wide range
of different applications

Simple handling and excellent operational security provide an

uptime > 99%

In comparison to other
technologies, low equipment
investments and inexpensive
colour foils generate

> 30% savings

In comparison to average market levels.

Would you like to integrate your printer into your packaging machine?

The ttPRINT is very well suited for cycled and continuous production systems such as horizontal/vertical tubular bag machines, and thermoforming and tray sealing systems. Standard brackets are designed for any common packaging and labelling machine.

Do you require economical investments for your coding?

With ttPRINT, you'll receive a perfect printed image and reduce consumable costs thanks to the foil saving feature integrated into the printer. This increases your number of potential prints, and delays replacement of your ink ribbon.

In a nutshell.

Would you like to handle large-format printing – such as ingredients lists – with outstanding quality?

The ttPRINT offers print shop quality printing at 300 dpi resolution. Print lists of ingredients by yourself on your tubular bags. Reach new levels of flexibility and save money by reducing your warehousing costs.

Are you looking for more flexibility in your print image designs?

Whether you want to print dates, times, counter functions, graphics, logos, symbols, or codes – print with precise detail and excellent reliability. The variety of printer variations available offers the best performance for any application.

Do you maintain production facilities domestically and abroad?

We offer a competent service and engineering team worldwide. Our international organisation receives outstanding ratings in our customer surveys for its handling of globally networked applications.

Do you want to integrate your coding into your network?

With the right interfaces, it's easy to integrate and monitor the ttPRINT using your company's own network. Send your printed image to your Koenig&Bauer Coding ttPRINT from any PC.

Technical data ttPRINT models

**ttPRINT 53****ttPRINT 107****ttPRINT 128****Print**

Print resolution

300 dpi

300 dpi

Intermittent printing

Print surface (L x W)

53.3 mm x 75 mm

106.6 mm x 75 mm

128 mm x 75 mm

Print speed

50 - 600 mm/second

50 - 600 mm/second

50 - 600 mm/second

Continuous printing

Print surface (L x W)

53.3 mm x 6.000 mm

106.6 mm x 3.000 mm

128 mm x 3.000 mm

Print speed

50 - 800 mm/second

50 - 600 mm/second

50 - 450 mm/second

Ribbon

Ribbon length

900 m

450 m

Roll diameter max.

98 mm

75 mm

Ribbon width max.

55 mm

130 mm

Ribbon design (coloured side)

inside / outside (option)

inside / outside (option)

Exchange cassettes

✓

✓

Automatic ribbon save function

✓

✓

Device variations

right / left

right / left

right / left

Safety

Protective class

IP 20 / (IP 65 optional)

IP 20 / (IP 65 optional)

IP 20 / (IP 65 optional)

Dimensions (H x W x L; mm)

Printing mechanism

204 x 182 x 235 mm, 9.5 kg

204 x 182 x 290 mm, 11 kg

204 x 182 x 310 mm, 11.7 kg

Control unit

251 x 207 x 97 mm, 5.5 kg

251 x 207 x 97 mm, 5.5 kg

251 x 207 x 97 mm, 5.5 kg

Thermal transfer printing with ttPRINT printers fulfils all your needs for reliability, ease of operation, design, and controlling. You receive brilliant results and excellent flexibility. Our portfolio includes highly reliable equipment for your applications.

**ttPRINT XS**

300 dpi

53.3 mm x 40 mm

50 - 400 mm/second

53.3 mm x 3,000 mm

50 - 400 mm/second

600 m

82 mm

55 mm

inside / outside

-

✓

right / left

IP 20

190 x 180 x 208 mm, 6 kg

242 x 117 x 220 mm, 3.8 kg

TT-ML 53

300 dpi

53.3 mm x up to 630 mm

50 - 500 mm/second

right / left

IP 20

188 x 370 - 860 x 265/320/340 mm, 9 - 16 kg

127 x 287 x 250 mm, 4,5 kg

TT-ML 107

300 dpi

106.6 mm x up to 630 mm

50 - 500 mm/second

right / left

IP 20

TT-ML 128

300 dpi

128 mm x up to 630 mm

50 - 500 mm/second

600 m

85 mm

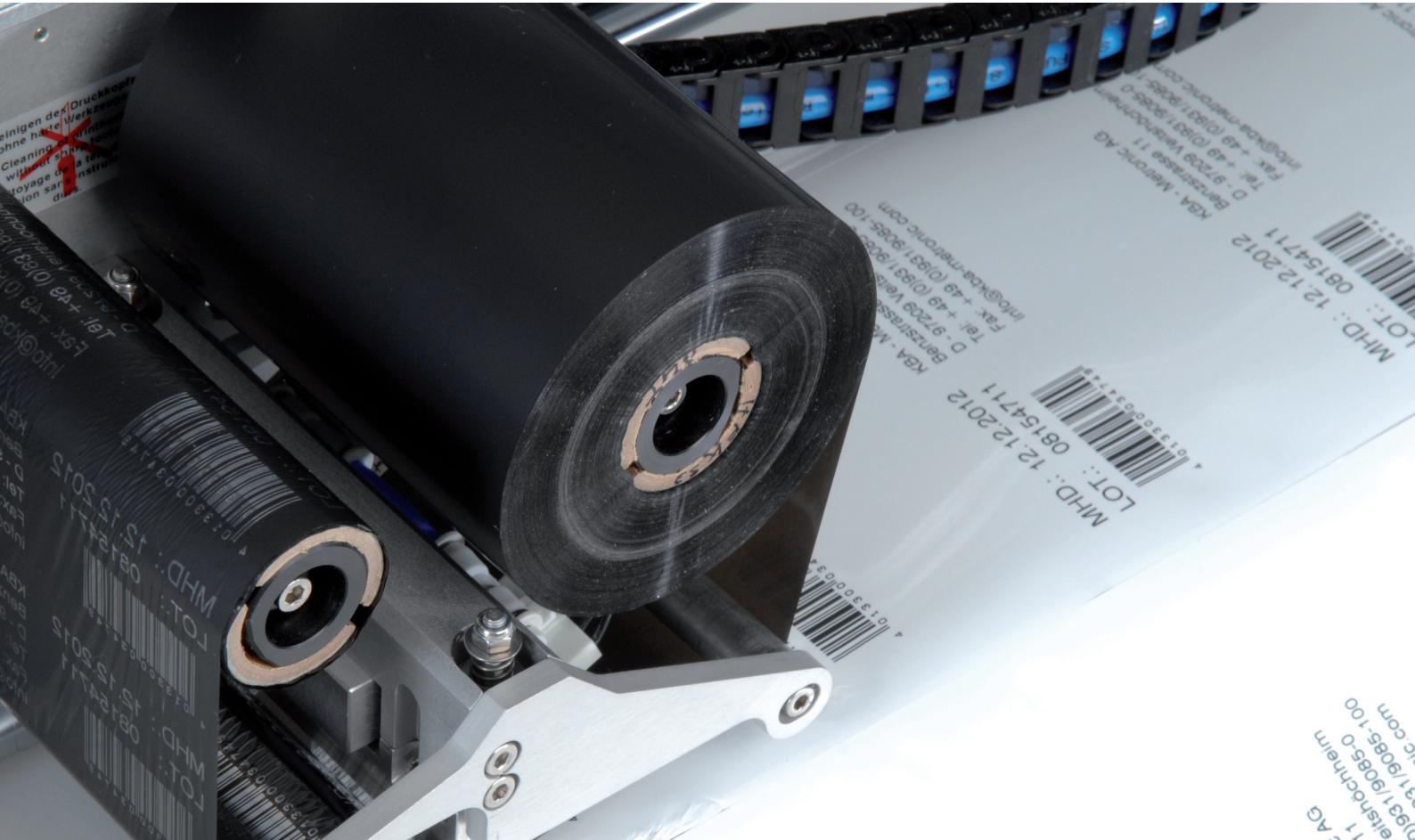
130 mm

inside / outside

-

✓

IP 20



Easy integration into labelling and packaging machines

Highly developed details and practical accessories
make your coding even better

**Exchange cassettes**

- for quick foil exchanges
- offer true flexibility for a wide variety of foil colours – including specialised colours
- simplify handling
- shorten your set-up times

Protection class IP 65

Optimal protection against dust and splash water offered by Option IP 65 for ttPRINT 53, 107 and 128. Simply exchange the colour ribbon cassette for a cleaning cassette to clean the device with water jets. The exchange can be completed in a few seconds. The electronics are protected with a separately secured controller.

Standardised mounting frames

For simple integration into current packaging and labelling machines, a wide variety of widths up to 1,000 mm are available in the standard version. We can also manufacture customer-specific mounting frames upon request.

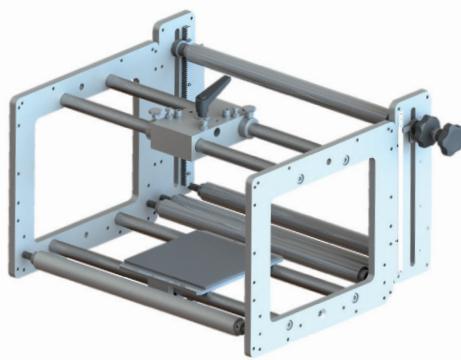
Software

- Different software programs can be used for controlling, including Labelstar Office, Nice Label, Codesoft, etc.
- ConfigTool configuration software
- Windows printer drivers (WIN7, WIN8, Win 8.1, WIN 10)
- Zebra simulation program (ZPL)

Supplement your ttPRINT thermal transfer printer with practical accessories



Controller IP 65



**Standardised mounting frames
up to 1,000 mm width**

More freedom in coding

EXD, batch, LOT,
Plain text



11.11.2020



11.11.2040



LOT

1234567890

Part.No.: 47110823899 LOT: 2

EXP: 01.01.2031

LOT: S2 3911 11:52

1D and 2D codes



GTIN: 07046261398572

Batch: Koenig & Bauer

EXP: 130331

S/N: 19067811811



Logos and symbols



QR codes



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Custom typeface,
Ingredients

DÜNNOFISCH
Alemnia
LOT: 16122

DÜNNOFISCH D
100 mg Dünnofleisch



Genieserbrot mit Puten-Fleischkäse

Weizenmischbrot mit Puten-Fleischkäse, Honig-Senfsauce und Gewürzgurken, tiefgefroren

Zutaten:

Weizenmischbrot 55% (Weizengehl, Trinkwasser, Roggenmehl, Kartoffelpüreeflocken, Roggensauerteig, Roggenvollkornschrot, jodiertes Speisesalz, Hefe, Gerstengrundmehl, Dextrose, Weizeneröstmalzmehl) Puten-Fleischkäse 23% (Putenfleisch, Putenfett, Putenhaut, Trinkwasser, Speisesalz, Gewürze, Dextrose, Glukosesirup, Natriumnitrit, Gewürzextrakte, Stabilisatoren Natriumcitrat, Diposphat, Honig-Senfsauce 22% Frischkäse, Trinkwasser, Sahne, Rapsöl, Brantweinessig, Erbsenstärke, Zucker.



KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

01/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



Sterilität nur bei unbeschädigter und ungeöffneter Verpackung.
Lichtgeschützt, sauber, trocken und kühl lagern.

Contents sterile providing pack is undamaged or unopened. Store in clean dry conditions away from heat and light.
Caution: Federal Law restricts this device to sale by, or on the order of, a physician. For USA and Canada only.

KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

02/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



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Lichtgeschützt, sauber, trocken und kühl lagern.

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KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

03/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



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KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

04/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



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KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

05/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



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KOENIG & BAUER

STERILE R

Use once



Urether catheter
Ureterkatheter
Sonde urétérale
Catetere ureterale
Sonda ureteral

LOT

06/2020/0101/16:32

EXPIRY

01.01.2040

PRINT

01.01.2020



Sterilität nur bei unbeschädigter und ungeöffneter Verpackung.
Lichtgeschützt, sauber, trocken und kühl lagern.

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Print sample TT-ML 107

TT-ML with the “multi-web” printing function is ideal for variable coding of multiple small products or for applications with large-surface printing (such as lists of ingredients).



5 good reasons to choose ttPRINT

01

Low consumption combined with low prices means you save money.

02

Excellent uptime of over 99 % provides true production reliability.

03

Easy integration into all current labelling and packaging machines provides more flexibility.

04

A comprehensive portfolio of ribbons let you react flexible to customer requests and increases customer loyalty.

05

A competent global sales and service team supports you at any time.

ttPRINT at a glance

General technical data

Interfaces

- Ethernet 10/100 Base T, LPD RawIP-Printing, DHCP, HTTP, FTP
- Serial RS 232
- USB for keyboard or memory stick
- Digital I/O port (foil ends, print head open, ...)

Operation

- 7" touch display (ttPRINT 53, 107, 128 only)
- User-friendly graphic operating interface
- Configurable user rights
- Labelstar Office design software, Nicelabel
- Windows printer drivers

Text composition

- Counter (with auto-stop function) and time functions
- DataMatrix, QR code, Barcode, DotCode
- Characters and logos (BMP format)
- Data fields (can be filled via interface)
- Prompted fields (request input)
- True Type Fonts (international language and character diversity)
- Bitmap fonts
- Vector fonts

Product features

- Automatic ribbon save function
- Optional protection class IP 65 (protected against dust and splash water)
- User management

Power requirements

- Mains voltage (AC) 230 V / 1,5 A - 115 V / 3A, 345 VA
- Air connection: 3 - 5 bar, ø 8 mm
- Ambient conditions: 5 - 40 °C, max. 80 % humidity

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