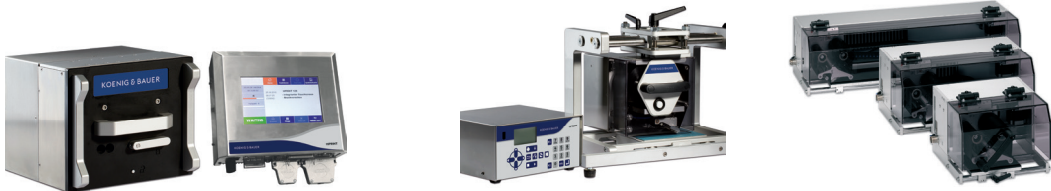# KOENIG & BAUER

ttPRINT Thermal transfer systems

ttPRINT

Thermal transfer printers (TT) 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, including moulding or thermoforming machines very well suited for both cycled and continuous production. The branch-independent versatility is shown in the printing of variable data, e.g. best-before date, individual batch numbers, special promotions up to large-format ingredient lists in excellent print quality.

Marking with thermal transfer combines all requirements for security, operability, design and best performance for any application. You get brilliant print results and a very high degree of flexibility.

	ttPRINT 53 / 107 / 128			ttPRINT XS	TT-ML 53 / 107 / 128
Intermittent printing					
Print surface (L x W), mm	53,3 x 75	106,6 x 75	128 x 75	53,3 x 40	53,3 / 106,6 / 128 x bis zu 630
Print speed mm/s	50 - 600	50 - 600	50 - 600	50 - 400	50 - 500
Continuous printing					
Print surface (L x W), mm	53,3 x 6000	106,6 x 3000	128 x 3000	53,3 x 3000	
Print speed mm/s	50 - 800	50 - 600	50 - 450	50 - 400	
Foil/Ribbon length, m	900	600	450	600	600
Dimensions (H x W x L), mm					
Printing device	204 x 182 x 235, 9,5 kg	204 x 182 x 290, 11 kg	204 x 182 x 310, 11,7 kg	190 x 180 x 208, 6 kg	188 x 370 - 860 x 265/320/340, 9 - 16 kg
Control unit		251 x 207 x 97, 5,5 kg		242 x 117 x 220, 3,8 kg	127 x 287 x 250, 4,5 kg

for all TT	
Foil design (coloured side))	Ink out / Ink in
Device variations	right / left
Compressed air, ∅ 8 mm, bar	3 - 5
Protective class	IP 20

Functioning: The dots of a thermal bar are - according to the print image - electrically controlled, heated and release pigments from a dye ribbon, which are transferred to the product and result in the print image.

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).

Key advantages ttPRINT

- Brilliant, detailed print image with the highest degree of flexibility in print image design — even in large formats.
- Standardised mounting frames for all common packaging and labelling machines.
- Quick foil exchanges with exchange cassettes saves time.
- Suitable interfaces for integration and monitoring over the in-house network: Ethernet, RS232, USB port.
- Integrated automatic film-saving function on all devices increases production throughput, reduces set-up time and consumables costs.

More information:
https://coding.koenig-bauer.com/en/products/thermal-transfer-systems/

Print samples thermal transfer (300 dpi)

use-by date, batch number, plain text

11.11.2020
11.11.2040
LOT 1234567890

EXP: 01.01.2031
LOT: S2 3911 11:52

1D- und 2D-Codes

GTIN: 07046261398572
Batch: Koenig & Bauer
EXP: 130331
S/N: 19067811811

.1081 547112

QR-Code

Koenig & Bauer Coding GmbH
coding.koenig-bauer.com
T: +49 931 9085 0
F: +49 931 9085 100
info-coding@koenig-bauer.com
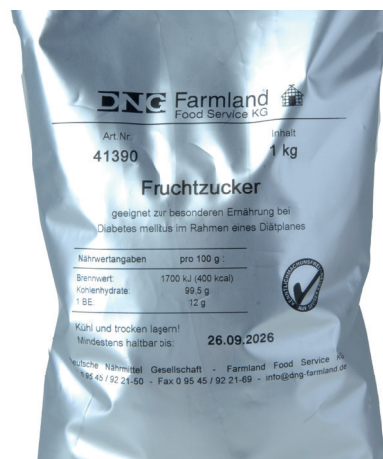
colour variety

[LOGO] 1234567890

[LOGO] 1234567890

[LOGO] 1234567890

lists of ingredients

Exchange cassettes for ttPRINT 53/107/128
- for quick foil exchanges
- offer true flexibility for a wide variety of foil colours — including specialised colours
- simplify handling
- shorten your set-up times

Software
- suitable for control e.g. Software NiceLabel
- configuration software ConfigTool
- Windows printer drivers (WIN7, WIN8, Win 8.1, Win 10)
- Zebra simulation program (ZPL).

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 customerspecific mounting frames upon request.

Optimal protection against dust and splash water 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 seconds. The electronics are protected with a separately secured controller.

Tailor-made services

Good coding is a quality feature for production reliability - from logistics to the end consumer. It is important to maintain this at a consistently high level. We support you and your team with our customised services.

- Safeguarding your production by minimising operator errors and reacting quickly on your own.
- Maintaining excellent print quality through optimal operation on and in the system.
- Reduction of downtimes and the associated costs.

Training
Operation, service and maintenance.

Especially in a running production, a quick reaction is required in case of emergency. Well-trained employees know the tricks and tips!
We pass on our know-how in-house, at your site or in an online training course:

- correct handling
- self-reliant maintenance
- independent troubleshooting

Service and maintenance
You dedicate yourself to your core business, we ensure the availability of your coding device.

An unexpected production stoppage always has negative consequences. In addition to the sudden loss of production, there is also the stress on the line. By choosing our service plans, we will automatically remind you when maintenance is due. Regular servicing

- keeps your print image perfect
- maximises the life of your coding and marking system
- minimises the cost of unscheduled service calls

In brief: you can prevent printer breakdowns, avoid repairs and save money.

Project planning and customised application
From analysis to implementation.

Our competent engineers support you with comprehensive and long-standing expertise - also in special machine construction. Individual integration into your existing production lines is handled by our applications department with direct access to our in-house CNC machinery.
Your advantages are obvious:

- full-range supplier for industrial coding and marking
- contact partner for your individual project
- comprehensive partner network

Managed Services
Up-to-date and forward-looking.

Managed Services is an optional virtual assistant that keeps a permanent and seamless eye on the alphaJET systems and all their functions and provides live, real-time information via a dashboard. This increases performance and makes your production even safer.

- display of consumables, equipment performance and availability
- fast and qualified support via remote access
- reduction of unplanned costs due to unexpected production downtime

Consumables and spare parts
Standardised or individual.

The large portfolio of consumables for all technologies, including new in-house developments, and the close technical coordination between our development departments for equipment and consumables, leads to continuous use in production:

- optimum running properties
- broad and constantly growing portfolio, tailor-made to customer requirements
- high quality and reduced consumption

Framework contracts and call-off orders
Clever purchasing strategies save time and money.

By concluding blanket and call-off orders, you show supply bottlenecks and price fluctuations the red card. Benefit from:

- short delivery routes
- stable and plannable conditions
- outsourced warehousing

Rental concepts
An attractive alternative to buying. The principle: rights of use instead of ownership.

Reduce the capital investment for your assets. You can rent our marking and coding devices very easily and cost-effectively. This does not tie up your capital and does not require depreciation.

- You invest and yet remain liquid.
- You are flexibly moving with the times and always use modern, high-performance equipment.
- You set the rate individually to your requirements with transparent costs.

Contact ▶ Analysis ▶ Concept ▶ Result

Contact

Your non-committal inquiry by email or by telephone is the first step.
Please contact us.

Analysis

Our experts will work with you to clarify your current situation and identify your demands.

Concept

According to your demands we will make you an attractive offer and, if you wish, carry out a test run in your production.

Result

If you agree with that concept, we will realise your order and support you throughout the entire implementation process.