

Print samples

ttPRINT thermal transfer overprinters from KBA-Metronic deliver high-resolution print quality on flexible packaging materials.



Printer-internal fonts

Vector fonts:

Helvetica Bold, Helvetica Roman, Swiss light, Baskerville, Brush Script, Monospace

Bitmap fonts:

6

Proportional fonts:

6

Barcodes

Linear barcodes:

CODABAR, Code 128A, Code 128B, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Identcode (German Post Code), ITF 14, Leitcode (German Post Code), Pharmacode, PZN Code, UPC-A, UPC-E

2D barcodes:

CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF417, QR Code

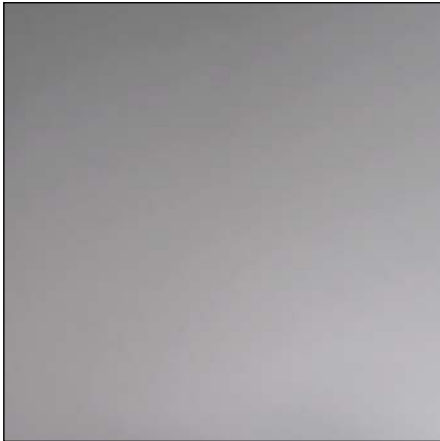
Composite barcodes:

GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated

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Our Agent:

Subject to technical and design changes. E&OE



Thermal transfer coding systems

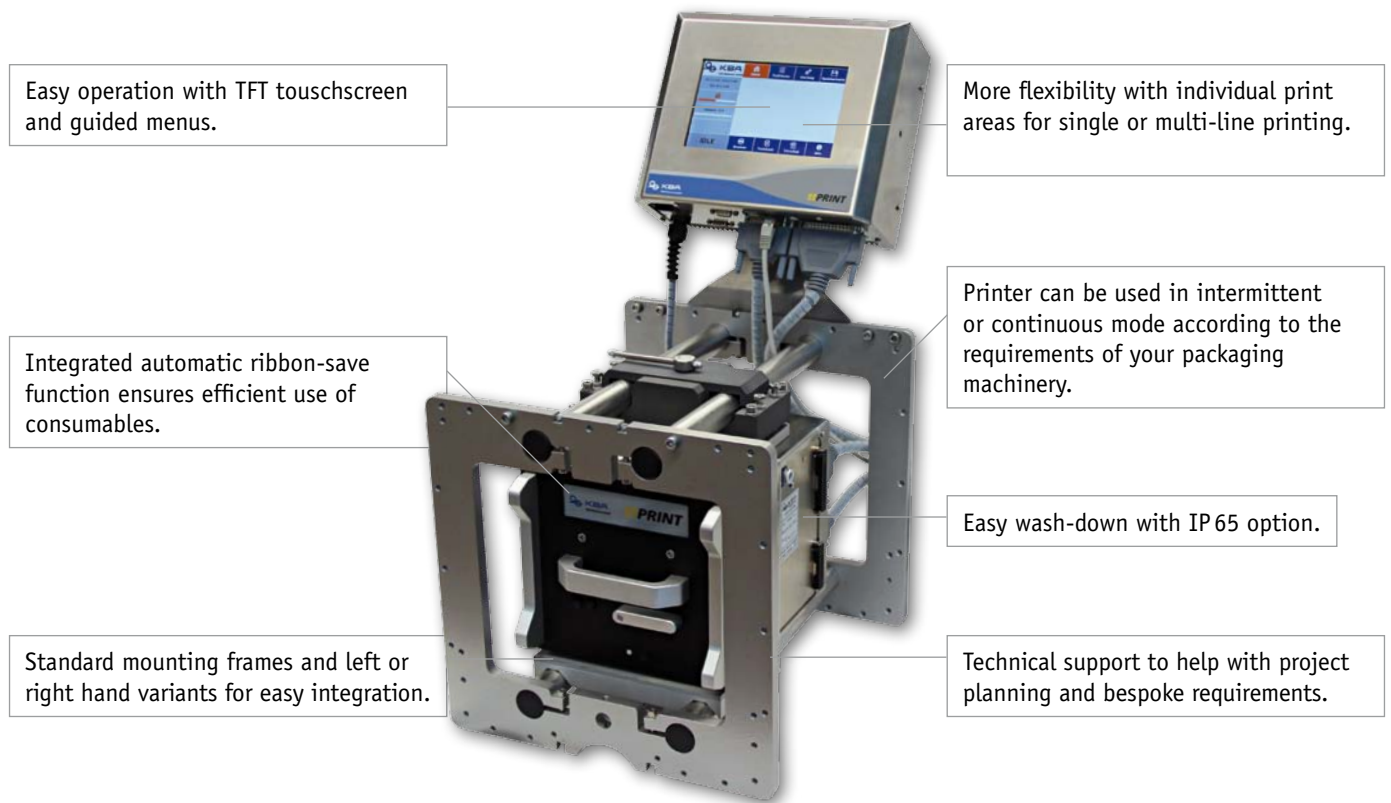
Product range



Thermal transfer overprinting gives you high-resolution print quality on flexible packaging including flow-wrappers, film, folding cartons and labels.

ttPRINT thermal transfer printers are designed for installation in labelling and packaging machines in a wide range of industries – including medical, pharmaceutical, confectionary and food.

Suitable for direct printing with text, barcodes or logos, ttPRINT thermal transfer printers can also print variable data on film safely and reliably.



Product features & equipment

	ttPRINT XS	ttPRINT 53, 107, 128	ttPRINT ML 53, 107, 128
Print resolution 300 dpi	✓	✓	✓
Automatic ribbon-save unit	✓	✓	✓
Variants	Right or left-hand	Right or left-hand	Right or left-hand
Ribbon ink side OUT	✓	✓	✓
Ribbon ink side IN	✓	✓ ¹⁾	✓
7" integrated touch panel	-	✓	-
10" external touch panel	✓ ¹⁾	✓ ¹⁾	-
Connection cable	2,5 m	2,5 m / 4,5 m ¹⁾	2,5 m / 4,5 m ¹⁾

¹⁾ optional

Connectivity:

Network (Ethernet), Compact Flash drive (maximum 2 GB), USB drive (excluding ttPRINT ML), RS 232, Database connection, 16-MB memory (RAM)

Monitoring:

Print-ready, ribbon-low and ribbon out signal

Services:

Power supply: 230 V / 1.5 A - 115 V / 3 A, 345 VA

Air supply: 3 - 5 bar, ø 8 mm

Operation conditions: 5 - 40 °C, maximum 80 % humidity

ttPRINT thermal transfer overprinters for integration in label applicators and Vertical Form Fill Seal machines.


ttPRINT XS

ttPRINT


ttPRINT	ttPRINT XS	ttPRINT 53	ttPRINT 107	ttPRINT 128
Intermittent mode				
Print width	53,3 mm	53,3 mm	106,6 mm	128 mm
Print length	40 mm	75 mm	75 mm	75 mm
Print speed	50 - 400 mm/second	50 - 600 mm/second	50 - 600 mm/second	50 - 600 mm/second
Return speed	50 - 400 mm/second	50 - 600 mm/second	50 - 600 mm/second	50 - 600 mm/second
Continuous mode				
Printing width	53,3 mm	53,3 mm	106,6 mm	128 mm
Printing length	1500 mm	6000 mm	3000 mm	3000 mm
Print speed	50 - 400 mm/second	50 - 800 mm/second	50 - 600 mm/second	50 - 450 mm/second
Ribbon				
Ribbon length	600 m	900 m	600 m	450 m
Roll diameter (max.)	82 mm	98 mm	82 mm	75 mm
Core diameter	25,4 mm / 1"	25,4 mm / 1"	25,4 mm / 1"	25,4 mm / 1"
Exchange cassettes	-	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾
Dimensions & weight				
Housing (H x W x L)	190 x 180 x 208 mm	204 x 180 x 235 mm	204 x 180 x 290 mm	204 x 180 x 310 mm
Installation height	182 mm	182 mm	182 mm	182 mm
Weight	6 kg	9,5 kg	11 kg	11,7 kg
Control unit (H x W x L)	242 x 117 x 220 mm	251 x 207 x 97 mm	251 x 207 x 97 mm	251 x 207 x 97 mm
Weight	3,8 kg	5,5 kg	5,5 kg	5,5 kg
IP 65 protection rating	-	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾

¹⁾ optional

ttPRINT ML coding systems with „multi-web“ printing capability are ideal for applications where there is a large area to be printed (e.g. ingredients list) or for labelling multiple smaller products


ttPRINT ML

ttPRINT ML	ttPRINT ML 53	ttPRINT ML 107	ttPRINT ML 128
Intermittent mode			
Print width	53,3 mm	106,6 mm	128 mm
Print length	140, 240, 340, 447, 570, 630 mm	140, 240, 340, 447, 570, 630 mm	140, 240, 340, 447, 570, 630 mm
Print speed	50 - 450 mm/second	50 - 450 mm/second	50 - 400 mm/second
Return speed	60 - 500 mm/second	60 - 500 mm/second	60 - 400 mm/second
Ribbon			
Ribbon length / width	600 m / 55 mm	600 m / 110 mm	600 m / 130 mm
Roll diameter (max.)		85 mm	
Core diameter		25,4 mm / 1"	
Dimensions & weight			
Housing (H x W x L)		215 x 370 - 860 x 225 mm, 12 - 18 kg	
Control unit (H x W x L)		135 x 287 x 360 mm; 10,5 kg	