Thermal transfer coding systems

Product range

KBA
KBA-Metronic GmbH

ttPRINT	ttPRINT XS	ttPRINT 53	ttPRINT 107
Device variant	right / left	right / left	right / left
Dimensions			
• Housing (H x W x L; mm)	190 x 180 x 208	204 x 180 x 235	204 x 180 x 290
Installation height (mm)	182	182	182
Weight	6 kg	9,5 kg	11 kg
• Control unit (H x W x L; mm)	242 x 117 x 220	251 x 207 x 97	251 x 207 x 97
Weight	3.7 kg	5.5 kg	5.5 kg
Connection cable length	2.5 m	2.5 m	2.5 m
Variant „i" intermittent			
Printing width	53,3 mm	53,3 mm	106,6 mm
Printing length	40 mm	75 mm	75 mm
Print speed	50 - 400 mm/sec.	50 - 600 mm/sec.	50 - 600 mm/sec.
Back speed	50 - 400 mm/sec.	50 - 600 mm/sec.	50 - 600 mm/sec.
Print quality	300 dpi	300 dpi	300 dpi
Variant „c" continuous			
Printing width	53,3 mm	53,3 mm	106,6 mm
Printing length	1500 mm	6000 mm	3000 mm
Print speed	50 - 300 mm/sec.	50 - 800 mm/sec.	50 - 600 mm/sec.
Print quality	300 dpi	300 dpi	300 dpi
Foil			
Length	600 m	900 m	600 m
Diameter (max.)	82 mm	95 mm	82 mm
Automatic foil saving	Standard	Standard	Standard
Ink Side OUT	Standard	Standard	Standard
Ink Side IN	Standard	Optional	Optional
Connection values			
Electr. connection values	230 V / 1.5 A - 115 V / 3 A	230 V / 1.5 A - 115 V / 3 A	230 V / 1.5 A - 115 V / 3 A
Power consumption	max. 150 VA	max. 200 VA	max. 200 VA
Air connection	3 - 5 bar, ø 8 mm	3 - 5 bar, ø 8 mm	3 - 5 bar, ø 8 mm
Production environment	5 - 40 °C, max. 80 % humidity	5 - 40 °C, max. 80 % humidity	5 - 40 °C, max. 80 % humidity
Interface			
Network (Ethernet)	Standard	Standard	Standard
Compact Flash (max. 2 GB)	Standard	Standard	Standard
USB for keyboard or stick	Standard	Standard	Standard
RS 232	Standard	Standard	Standard
Connection to data base	Standard	Standard	Standard
Features			
7"-touch panel integrated	-	Standard	Standard
10"-touch panel external	Optional	Optional	Optional
Exchange cassette	-	Standard	Standard
Print head 32 mm	Optional	-	-
Protection class IP 65	-	Optional	Optional
Control panel IP 65	-	Optional	Optional
Cable connection	Back side	Sideways / back side	Sideways / back side

Subject to technical and design changes. E&OE

ttPRINT 128	ttPRINT ML 53	ttPRINT ML 107	ttPRINT ML 128
right / left	right / left	right / left	right / left
204 x 180 x 310	215 x 370 - 860 x 225	215 x 370 - 860 x 280	215 x 370 - 860 x 300
182	-	-	-
11,7 kg	12 - 18 kg	12 - 18 kg	12 - 18 kg
251 x 207 x 97	135 x 287 x 360	135 x 287 x 360	135 x 287 x 360
5.5 kg	6 kg	6 kg	6 kg
2.5 m	2.5 m	2.5 m	2.5 m
128 mm	53 mm	107 mm	128 mm
75 mm	140, 240, 340, 447, 570, 630 mm	140, 240, 340, 447, 570, 630 mm	140, 240, 340, 447, 570, 630 mm
50 - 600 mm/sec.	50 - 450 mm/sec.	50 - 450 mm/sec.	50 - 400 mm/sec.
50 - 600 mm/sec.	50 - 500 mm/sec.	50 - 500 mm/sec.	50 - 400 mm/sec.
300 dpi	300 dpi	300 dpi	300 dpi
128 mm	-	-	-
3000 mm	-	-	-
50 - 600 mm/sec.	-	-	-
300 dpi	-	-	-
450 m	600 m	600 m	600 m
75 mm	82 mm	82 mm	82 mm
Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard
Optional	Standard	Standard	Standard
230 V / 1.5 A - 115 V / 3 A	230 V / 3.15 A - 115 V / 6 A	230 V / 3.15 A - 115 V / 6 A	230 V / 3.15 A - 115 V / 6 A
max. 200 VA	max. 320 VA	max. 320 VA	max. 320 VA
3 - 5 bar, ø 8 mm	3 - 5 bar, ø 8 mm	3 - 5 bar, ø 8 mm	3 - 5 bar, ø 8 mm
5 - 40 °C, max. 80 % humidity	5 - 40 °C, max. 80 % humidity	5 - 40 °C, max. 80 % humidity	5 - 40 °C, max. 80 % humidity
Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard
Standard	-	-	-
Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard
Standard	-	-	-
Optional	Optional	Optional	Optional
Standard	-	-	-
-	-	-	-
Optional	-	-	-
Optional	-	-	-
Sideways / back side	Sideways / optional above	Sideways / optional above	Sideways / optional above

Print samples
The thermal transfer printers from KBA-Metronic are powerful direct printing devices for 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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