



[PRINTING
SOLUTIONS
WITH INK]

INNOVATIVE
EFFICIENT
PRECISE



innovative product and packaging coding systems have been developed under the Markoprint name for over 40 years in close collaboration with our customers. With its various Markoprint control systems, BluhmWeber is the world's only producer able to provide central control systems for three different print technologies. In addition to HEWLETT PACKARD printheads for high-resolution small-format coding and the proven TRIDENT printheads for large-format coding, newly developed LEXMARK industrial printheads are now also supported – all systems allow flexible combinations to address all print requirements in the highest possible quality: swiftly, touch-free and on absorbent and non-absorbent materials.



MX - The large one
Perfect for text-based and graphic coding on absorbent and non absorbent surfaces.



HP - The allrounder
A printhead which permits high-resolution coding of just about any product.



LX - The specialist
High-resolution coding on any surface at high speeds.



	Windows control systems		High-speed control systems		Standard control systems	
	Compactline Cube	Compactline 3.0	iJET	X4JET / X4JET plus	Compactline 2.5	Multiline MX
Supported print technologies	HP, Trident, Lexmark	HP, Trident, Lexmark	HP	HP, Trident, Lexmark	HP	Trident
Max. print height in mm						
Trident	200	800	-	400	-	200
HP	25	100	12.5	50	25	-
Lexmark	25	100	-	50	-	-
Max. number of printheads	2	8	1	4	2	2
Max. number of production lines	1	4	1	2	2	2
Max. print speed in m/min						
Trident	200	200	-	200	-	200
HP*	180	180	180	180	180	-
Lexmark*	240	240	-	240	-	-
Display	TFT 10.2"	TFT 15"	OLED	OLED / TFT 5.7"	LCD	LCD
Dimensions in mm L / B / H	270 x 255 x 205	384 x 459 x 336	88 x 101 x 80	220 x 230 x 140	258 x 212 x 99	258 x 212 x 99
Weight in kg	9.5	16	0.7	3	3	3
IP Code	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40

Connections:	Compactline Cube	Compactline 3.0	iJET	X4JET / X4JET plus	Compactline 2.5	Multiline MX
Rotary encoder	●	●	●	●	●	●
Sensor / extern	●	●	●	●	●	●
24 V I/O Connector	○	○	●	○	○	○
Potential-free outputs	●	●	—	●	●	●
Status / alarm outputs	●	●	○	●	●	●
Ethernet TCP / IP	●	●	●	●	○	○
USB	●	●	●	●	—	—
WLAN	○	○	○	○	○	○
RS232	●	●	—	●	●	●
RS422	○	○	—	—	●	●

Software:	Compactline Cube	Compactline 3.0	iJET	X4JET / X4JET plus	Compactline 2.5	Multiline MX
Multilingual	●	●	●	●	●	●
Unlimited fonts	●	●	●	●	—	—
Text (variable / fixed)	●	●	●	●	●	●
Flexible layout creation	●	●	○	○	○	○
Date / time	●	●	●	●	●	●
Shift code / counter	●	●	●	●	●	●
Graphics / barcodes	●	●	●	●	●	●
2D-Code, GS1 Datamatrix-Code, QR Code	●	●	●	●	●	●
Ink consumption calculator	●	●	●	●	●	●
Action fields	●	●	●	●	●	●
iDesign Software	○	○	●	●	●	●
iDesign Touch	●	●	○	○	○	○
ODBC Connection	●	●	○	○	○	○

Max. print height for each printhead in mm: TRIDENT 50 or 100 | HP 12.5 | LEXMARK 12.5

*at 300 dpi

● Standard ○ Optional — Not available

All specifications subject to change without notice.

variable control systems for the 3 different print technologies TRIDENT, HP and LEXMARK

windows-based control systems

Ease of use by means of a graphic user interface (GUI) allows the layout to be designed flexibly on the screen. Convenient and reliable, both systems are ideal partners for a whole range of different coding requirements.



COMPACTLINE 3.0



COMPACTLINE CUBE



high-speed control systems

Small and compact with numerous network possibilities. These three systems print codes onto primary and secondary packaging quickly and with maximum precision.



iJET



X4JET



X4JET PLUS



standard control systems

For both-side printing on packaging with print heights from 12.5 mm to 200 mm. Both systems offer maximum flexibility and availability during productive use thanks to simple and swift user-managed text changes.



COMPACTLINE 2.5

MULTILINE MX



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