

Technical Information

Flexible Configurations for Application Specific Requirements



AUTOPRINT® coding systems

	iJET (MK2)				X2JET plus Touch		X4JET/X4JET plus Touch		XB4JET		XB8JET		CompactLine 3.0(MK2)	
	Print	Basic	Advanced	Pro / HiSpeed	Advanced	Pro / HiSpeed	Advanced	Pro / HiSpeed	Advanced	Pro / HiSpeed	Advanced	Pro / HiSpeed	4-head	8-head
Maximum print height in mm(depending on the printing technology):														
• Hewlett Packard (HP)	12.5	12.5	12.5	12.5	25	25	50	50	50	50	100	100	50	100
• Funai (LX)					25	25	50	50	50	50	100	100	50	100
• Trident (MX50 / MX100)					200	200	400	400	400	400	800	800	400	800
• XAAR (XR)					142	142	284	284	284	284	568	568	284	568
Maximum number of printheads	1	1	1	1	2	2	4	4	4	4	8	8	4	8
Distance deepest nozzle / distance from the conveyor to the deepest point of the print image	16	16	16	16	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead	depending on the type of printhead
Maximum number of production lines	1	1	1	1	2	2	2	2	2	2	4	4	2	4
Maximum print speed in m/min(depending on the printing technology):														
• Hewlett Packard (at 300 dpi)	60	30	90	90 / 180	90	90 / 180	90	90 / 180	90	90 / 180	90	90 / 180	90	90
• Funai (at 300 dpi)					90	90 / 240	90	90 / 240	90	90 / 240	90	90 / 240	90	90
• Trident (at 200 dpi)					60	60	60	60	60	60	60	60	60	60
• XAAR (at 180 dpi)					100	100	100	100	100	100	100	100	100	100
Display	OLED 1"	OLED 1"	OLED 1"	OLED 1"	Touch TFT 5.7"	Touch TFT 5.7"	OLED2.7"/TouchTFT 5.7"	OLED2.7"/TouchTFT 5.7"	no	no	no	no	TFT 15"	TFT 15"
System dimensions in mm (LxWxH)	188x80x101	188x80x101	188x80x101	188x80x101	231x219x108	231x219x108	230x220x140	230x220x140	180x177x110	180x177x110	180x354x110	180x354x110	384x459x336	384x459x336
Controller weight in kg (depending on the system model)	0.6	0.6	0.6	0.6	2.8	2.8	3.4	3.4	2.5	2.5	5.1	5.1	16	16
Protection class	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
Connections:														
• Rotary sensor	1	1	1	1	2	2	2	2	2	2	4	4	2	4
• External sensor	1	1	1	1	2	2	4	4	4	4	8	8	4	8
• Internal sensor	1	1	1	1	no	no	no	no	no	no	no	no	no	no
• Inputs (options)	0	0	0	2	8	8	8	8	8	8	16	16	8	16
• Outputs (potential-free)	0	0	0	0	4	4	4	4	4	4	2 x 4	2 x 4	4	2 x 4
• Status / alarm outputs (open collector)	0	0	0	2	4	4	4	4	4	4	2 x 4	2 x 4	4	2 x 4
• Ethernet	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
• USB stick / USB interface	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes
• WLAN	no	no	no	no	no	no	no	no	no	no	no	no	no	no
• EIA232	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
• EIA422	no	no	no	no	no	no	no	no	no	no	no	no	no	no
Configurations:														
• Maximum horizontal resolution in dpi	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900	50 to 900
• Maximum vertical resolution in dpi:														
• Hewlett Packard (HP) / Funai (LX)	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600	300 / 600
• Trident (MX50 / MX100)					64 / 192	64 / 192	64 / 192	64 / 192	64 / 192	64 / 192	64 / 192	64 / 192	64 / 192	64 / 192
• XAAR (XR)					180	180	180	180	180	180	180	180	180	180
• Maximum text length in m	2	2	2	6	1	3	1	3	1	3	1	3	1	1
• Text field	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Counter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Date field	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Date offset	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Logo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Input of variables on the system	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Action field			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Barcode			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• 2D code			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Data transfer via USB stick	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Ethernet		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• EIA232					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Password protection						✓	✓	✓	✓	✓	✓	✓	✓	✓
• Configurable inputs or outputs				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Optimal environmental conditions:														
• Temperature in °C	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40	5 to 40
• Air humidity in % (non-condensing)	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90	10 to 90

