



### Smart Design

Advanced firmware and a leading edge microprocessor enable lightning fast thermal printing. Complex graphics, text, and bar codes (including PDF417 and MaxiCode) print surprisingly fast. Flash memory allows long term storage of multiple graphics, label formats, or user fonts. Every printer includes free label design software and documentation, making it easy to design and print high-quality labels and tags.

### Rugged Metal Chassis

Blaster series thermal transfer printers have features and performance to satisfy the most demanding label or tag printing requirements. The rigid metal chassis assures reliable printing every time, and the strong shell is highly resistant to warping or cracking, even in extreme conditions. If your application demands durable labels and a durable printer, the Blaster has the features and reliability you're looking for.

*Consider Blaster Advantage series when you need to print about 5,000 labels or tags per day.*



*Easiest loading thermal transfer printer*

## Technical Specifications

Model		Bx242003	Bx422003
<b>Print</b>	Method (x)	BD - Direct Thermal BT - Thermal Transfer	BD - Direct Thermal BT - Thermal Transfer
	Width (max)	2.2" / 56mm	4.1" / 104mm
	Length (max)	41"	22"
	@ 203 dpi	1.04m	559mm
	Speed	3 ips 76mm/sec	3 ips 76mm/sec
	Resolution	203 or 300 dpi	203 or 300 dpi
<b>Media</b>	Width	1" - 2.4" 25 - 61mm	2" - 4.2" 50 - 106mm
	Roll Diameter	4.7" 119mm	4.7" 119mm
	Ribbon Length	3150" 80m (BT models only)	3150" 80m (BT models only)
	Indexing	Black bar, notch, and gap	Black bar, notch, and gap
<b>Bar Codes</b>	Types Supported	21 standard bar codes, including: Add2, Add5, Codabar, Code16K, Code39, Code93, Code128A/B/C, D2of5, I2of5, S2of5, EAN8/8+, EAN13/13+, EAN128, Maxicode, MSI/I1, PDF417, Plessey, Postnet, UPCA/A+/E/E1	
	Rotations	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees
<b>Fonts</b>	Bitmapped	7 styles with up to 10 x 10 magnification, variable boldness and spacing	
	AGFA Fonts	Sans-serif font in 7 pt. sizes, up to 4 x 4 magnification, variable boldness and spacing	
	Scalable Smooth Fonts	3 Ultra Font styles for smooth characters in any size and boldness	
<b>Graphics</b>	Features	Foreground and background bitmapped graphics, sizeable graphics window	
	Formats	Raster, PCX, BMP	Raster, PCX, BMP
<b>Memory</b>	SRAM	512KB	512KB
	Nonvolatile	512KB FLASH	512KB FLASH
<b>Communications</b>	Standard	Serial or parallel	Serial and parallel
	Ethernet	e+Solutions option	e+Solutions option
<b>Electrical</b>		100, 120, or 230 VAC, 50/60Hz	100, 120, or 230 VAC, 50/60Hz
<b>Environmental</b>	Operating	41°F to 104°F 5°C to 40°C	41°F to 104°F 5°C to 40°C
	Storage	-4°F to 122°F (-20°C to 50°C), 25-85% non-condensing RH	
<b>Dimensions</b>	Width BT	5.0" 127mm	6.8" 173mm
	Width BD	4.7" 119mm	6.8" 173mm
	Height	6.1" 155mm	6.1" 155mm
	Depth	9.4" 238mm	9.4" 238mm
<b>Weight</b>	BT	3.9 lb 1.77kg	4.4 lb 2.0kg
	BD	3.1 lb 1.41kg	3.9 lb 1.77kg
<b>Accessories</b>	Supplied	User's guide, power supply, Windows drivers, programmer's guide, label design software	
	Optional	Communications cables, annual service contracts, label dispenser, label cutter, 2MB and 4MB Flash memory expansion, ethernet connectivity, real-time clock, Kanji character set	
<b>Typical Printhead Life</b>		2,000,000" 50km	2,000,000" 50km

For additional information about Cognitive products, contact the addresses below or visit our web site at [www.cognitive.com](http://www.cognitive.com)

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