

THERMAL TRANSFER PRINTERS & LABELS

Thermal Transfer Printers



Thermal Transfer Labels



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Thermal Transfer Printer Chart

BRADYPRINTER™ THERMAL PRINTER COMPARISON

	600X-Plus	300X-Plus	360X-Plus	203X-Plus	6441	3481	2461	200M	260M
Label Width (max)	3.54"	3.54"	7.2"	5.51"	4.56"	4.65"	4.65"	4.52"	7.2"
Print Width (max)	3.2"	3.4"	6.6"	5.04"	4.16"	4.1"	4.1"	4.09"	6.3"
Label Height (min)	0.125"	0.125"	0.125"	0.125"	0.125"	0.125"	0.125"	0.25"	0.25"
Liner Width (min)	0.79"	0.79"	0.79"	0.79"	1.00"	1.0"	1.0"	0.79"	0.79"
Print Length	39"	39"	39"	39"	55"	99"	99"	12-37"	24"
Non-Continuous (max)									
Speed (max)	4 ips	8 ips	8 ips	12 ips	4 ips	8 ips	6 ips	6 ips	6 ips
Microprocessor	Dual 32 bit	Dual 32 bit	Dual 32 bit	Dual 32 bit	32 bit	32 bit	32 bit	32 bit	32 bit
RAM	12 MB	4 MB	4 MB	4 MB	16 MB	16 MB	8 MB	1 MB	1 MB
Additional Memory	N/A	To 12 MB	To 12 MB	To 12 MB	N/A	N/A	N/A	N/A	N/A
Flash Memory	1.5 MB	1.5 MB	1.5 MB	1.5 MB	2 MB	1 MB	1 MB	N/A	N/A
DPI	600	300	300	203	600	300	203 300	203/ 300	203
Weight	50 lbs	50 lbs	67 lbs	55 lbs	45 lbs	45 lbs	45 lbs	43 lbs	55 lbs
Programming Language	ZPL	ZPL	ZPL	ZPL	DPL	DPL	DPL	ZPL	ZPL
Port (Standard)	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.*	Ser. & Par.*
Options	R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	R, P/O
Bar Codes	1.67 mil. min. thin bar	3 mil. min. thin bar	3 mil. min. thin bar	5 mil. min. thin bar	1.67 mil. min. thin bar	3 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar
Memory Card	Optional	Optional	Optional	Optional	Optional	Optional	Optional	No	No

P/O=Peel Off, C=Cutter, R=Rewind, Ser.=Serial, Par.=Parallel, N/A=No optional DRAM upgrade available
* Parallel Optional

Brady Thermal Transfer Printer Service and Support Program



Maximizing your uptime of your thermal transfer printers is a critical part of ensuring the continuous operation of your business. That is why Brady has partnered with IBM to bring you the best service and support coverage available.

The 5x9x4 coverage plan gives you service and support (5) days a week, (9) hours a day, with a (4) hour response time.

Together, Brady's Technical Support Staff and IBM's nationwide service organization will provide you with unequalled coverage.

For more information about the service and support program, call Brady's dedicated Technical Support Line at 1-800-643-8766.

Bradyprinter™ Model 600X-Plus



Featuring 600 dpi resolution

The Bradyprinter THT Model 600X-Plus is designed to withstand long, continuous operation in harsh environments. With its 600 dpi print resolution, it satisfies the increasing demand to compress and store large amounts of data in ever-smaller spaces. The Bradyprinter THT Model 600X-Plus serves those markets requiring higher print densities for bar codes, text and graphics. It is ideal for identifying components and assemblies in the electronics, computer and telecommunications industries as well as applications printing non-Roman characters.

The Bradyprinter THT Model 600X-Plus provides consistent, high quality print on a full range of labeling materials including polyester, polyimide, paper and vinyl. And it comes with the reliability and follow-up support you expect from Brady.

- ▶ 9MB of standard DRAM memory
- ▶ PCMCIA Memory Card Interface
- ▶ Produces 1.67 mil bar codes and 600 dpi graphics
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Can produce precise images on 1/8" high labels
- ▶ Dual 32-bit RISC and CISC processing

Model 600X-Plus Specifications

Print resolution	600 dots per inch (24 dots per mm) thermal transfer printer
Maximum print width	3.20" (81.6mm)
Maximum print length	39" (991mm) standard
Maximum media width	3.54" (90mm)
Minimum media width	.79" (20.1mm) standard/.45" (11.4mm) with optional narrow media guide
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203mm) per second

Bradyprinter Model 600X-Plus

Part Number	Description
BP-THT-600X+	Brady THT Model 600X-Plus
BP-THT-600X+R	Brady THT Model 600X-Plus with rewind

Bradyprinter™ Model 600X-Plus

CONTINUED

Model 600X-Plus Field-Installed Options

Part Number	Description
BPTR-+R-FK-600	Rewind field kit
BPTR-+TWIN-FK	Twinax field kit
BPTR-+COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Bitmap fonts A through H and GS symbols
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-14.4 pts.)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 12 MB standard RAM memory

Bar Codes/Symbologies

- ▶ All popular symbologies including:
 - Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C
 - and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
 - 2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, Micro-PDF, QR Code, RSS Codes

Physical

- ▶ Height: 15.5" (394mm)
- ▶ Width: 9.15" (232mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 50lbs (22.7kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232C/422/485 multi-drop
- ▶ High-speed, bi-directional, IEEE 1284 parallel interface

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Additional options available

Bradyprinter™ Model 300X-Plus



The Bradyprinter THT Model 300X *Plus* combines industrial-strength ruggedness and laser-quality output to produce high-resolution graphics in harsh operating environments, with a full-time 24-hour duty cycle. It is ideal for applications where identification information must be incorporated on very small labels, since the 300 dpi resolution ensures that even small text and bar codes will be sharp and easy to read.

The Bradyprinter THT Model 300X *Plus* can print indelible images on a variety of labeling materials, including paper, polyester, polyimide, and vinyl. And it comes with the reliability and follow-up support you expect from Brady.

- ▶ PCMCIA Memory Card Interface
- ▶ Prints at 8 ips, on labels up to 3.54" wide
- ▶ Produces 3 mil bar codes and 300 dpi graphics
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Can produce precise images on 1/8" high labels
- ▶ Dual 32-bit RISC and CISC processing

Model 300X-Plus Specifications

Print resolution	300 dots per inch (12 dots per mm) thermal transfer printer
Maximum print width	3.40" (86mm)
Maximum print length	39.00" (991mm)
Maximum media width	3.54" (90mm)
Minimum media width	.79" (20.1mm) standard/ .45" (11.4mm) with optional narrow media guide
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203mm)

Bradyprinter Model 300X-Plus

Part Number	Description
BP-THT-300X+	Brady THT Model 300X-Plus
BP-THT-300X+R	Brady THT Model 300X-Plus with rewind
BP-THT-300X+CR	Brady THT Model 300X-Plus with cutter/rewind
BP-THT-300X+C	Brady THT Model 300X-Plus with cutter

Bradyprinter™ Model 300X-Plus

CONTINUED

Model 300X-Plus Field-Installed Options

Part Number	Description
BPTR-+8MB	8 MB RAM memory kit
BP-THT-MEM-8MB	8 MB PCMCIA card
BPTR-+R-FK-300	Rewind field kit
BPTR-+C-FK-300	Cutter field kit
BPTR-+CR-FK-300	Cutter/rewind field kit
BPTR-+TWIN-FK	Twinax field kit
BPTR-+COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-14.4 pts.)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 4MB standard RAM memory

(expandable to 12MB) Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, RSS Codes, Micro PDF

Physical

- ▶ Height: 15.5" (394mm)
- ▶ Width: 9.15" (232mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 50lbs (22.7kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232C/422/485 multi-drop
- ▶ High-speed, bi-directional, IEEE

1284
parallel interface

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 12 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Advanced media/label counter
- ▶ Real time clock with applicator interface
- ▶ Ethernet connection
- ▶ Additional options available

Bradyprinter™ Model 360X-Plus



The Bradyprinter THT Model 360X *Plus* combines high speed, high resolution and media widths up to 7.1", to produce wide labels without rotation and more labels per minute. Plus, it has the ability to format while printing for even faster throughput. The 300 dpi printhead produces crisp graphics and text and prints high-density symbologies to accurately meet bar code specifications.

This printer also provides the reliability and support you'd expect from Brady. Durably constructed to perform in harsh industrial environments, the Bradyprinter THT Model 360X *Plus* is designed for tough applications that demand speed, accuracy and flexibility.

- ▶ Wide label printer with laser-like resolution
- ▶ Prints at 8 ips, on labels up to 7.1" wide
- ▶ Produces 3 mil bar codes and 300 dpi graphics
- ▶ Dual optical sensors maintain registration
- ▶ PCMCIA Memory Card Interface
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Dual 32-bit RISC and CISC processing

Model 360X-Plus Specifications

Print resolution	300 dots per inch (12 dots per mm) thermal transfer printer
Maximum print width	6.60" (168mm)
Maximum print length	39.00" (991mm)
Maximum media width	7.10" (180mm)
Minimum media width	2.00" (50.8mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203mm)

Bradyprinter Model 360X-Plus

Part Number	Description
BP-THT-360X+	Brady THT Model 360X-Plus
BP-THT-360X+R	Brady THT Model 360X-Plus with rewind
BP-THT-360X+CR	Brady THT Model 360X-Plus with cutter/rewind
BP-THT-360X+C	Brady THT Model 360X-Plus with cutter

Bradyprinter™ Model 360X-Plus

CONTINUED

Model 360X-Plus Field-Installed Options

Part Number	Description
BPTR-+8MB	8 MB RAM memory kit
BPTR-+R-FK-360	Rewind field kit
BPTR-+C-FK-360	Cutter field kit
BPTR-+CR-FK-360	Cutter/rewind field kit
BPTR-+TWIN-FK	Twinax field kit
BPTR-+COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password
- ▶ Controlled via mainframe, mini, PC

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-64 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 4MB standard RAM memory

(expandable to 12MB) Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets
A/B/C
and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes:
Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, RSS Codes, Micro PDF

Physical

- ▶ Height: 15.5" (394mm)
- ▶ Width: 13.2" (334mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 67lbs (30.5kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232C/422/485 multi-drop

- ▶ High-speed, bi-directional, IEEE 1284 parallel interface

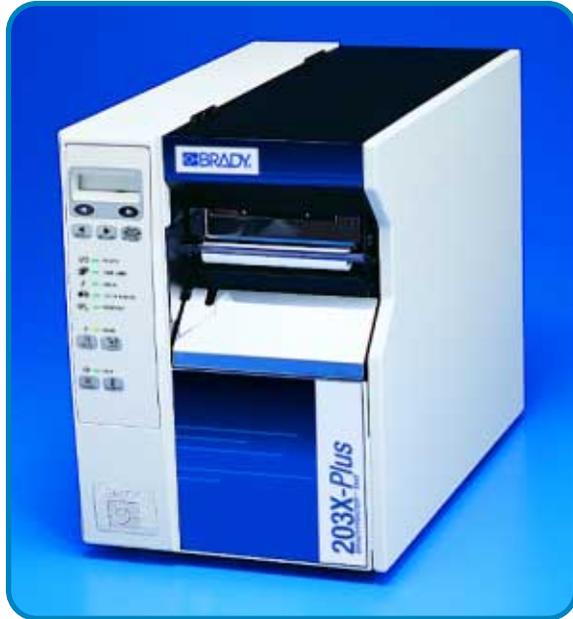
Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expandable memory (up to 12 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax or Coax interface
- ▶ Ethernet interface
- ▶ Advanced media/label counter
- ▶ Additional options available

Bradyprinter™ Model 203X-Plus



The Bradyprinter THT Model 203X *Plus* is fast, accurate, and rugged. Its high-density printhead produces crisp logos, graphics, and bar codes at speeds up to 12 inches per second. And heavy-duty construction features like a heavy steel case and stainless steel spindles mean it can withstand a 24-hour duty cycle, even in the most harsh operating environments.

From small, general-purpose identification needs to high-volume applications involving circuit boards, rating plates, and electronic components, the Bradyprinter THT Model 203X *Plus* provides all the power and quality you need for on-demand in-house printing.

- ▶ PCMCIA Memory Card Interface
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Front-panel commands for faster formatting
- ▶ Prints 5 mil bar codes and 203 dpi graphics
- ▶ Dual 32-bit RISC and CISC processing
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Standard tear-off bar for easy label removal

Model 203X-Plus Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	5.04" (128mm)
Maximum print length	39.00" (991mm)
Maximum media width	5.51" (140mm)
Minimum media width	.79" (20.1mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (50mm) to 12" (305mm) per second

Bradyprinter Model 203X-Plus

Part Number	Description
BP-THT-203X+	Brady THT Model 203X-Plus
BP-THT-203X+R	Brady THT Model 203X-Plus with rewind
BP-THT-203X+CR	Brady THT Model 203X-Plus with cutter/rewind
BP-THT-203X+C	Brady THT Model 203X-Plus with cutter

Bradyprinter™ Model 203X-Plus

CONTINUED

Model 203X-Plus Field-Installed Options

Part Number	Description
BPTR-+8MB	8 MB RAM memory kit
BPTR-+R-FK-203	Rewind field kit
BPTR-+C-FK-203	Cutter field kit
BPTR-+CR-FK-203	Cutter/rewind field kit
BPTR-+TWIN-FK	Twinax field kit
BPTR-+COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-14.4 pts.)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Universal power supply with power factor correction 90-264 VAC; 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 4MB standard RAM memory

(expandable to 12MB) Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, RSS Codes, Micro PDF

Physical

- ▶ Height: 15.5" (393.7mm)
- ▶ Width: 11.15" (283.2mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 55lbs (25kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard

- ▶ RS-232C/422/485 multidrop
- ▶ High-speed, bi-directional, IEEE 1284 parallel interface

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 12 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Advanced media/label counter
- ▶ Real time clock with applicator interface
- ▶ Ethernet connection
- ▶ Additional options available

Bradyprinter™ Model 6441

THERMAL TRANSFER
PRINTERS & LABELS

THERMAL TRANSFER PRINTERS BRADYPRINTER MODEL 6441



The 600 dpi Bradyprinter THT Model 6441 is perfect for applications utilizing very small labels with high resolution and intricate graphics, or two-dimensional bar codes including Micro PDF, PDF 417 and Datamatrix.

The 600 dpi printhead, along with the capability to accurately maintain critical print registration on labels as small as 1/8" high, make this the ideal printer for high performance applications.

Rugged and reliable, it features a die-cast aluminum frame and a modular design that makes it simple to add or change options at any time. The printer can be easily upgraded and reconfigured for expanded applications.

Model 6441 Specifications

Print resolution	600 dots per inch (24 dots/mm) thermal transfer printer
Maximum print width	4.16" (105.6mm)
Maximum print length	55.00" (1397mm)
Maximum media width	4.65" (118mm)
Minimum media width	1.00" (25.4mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.0025" (.0635mm) to .022" (.559mm)
Core diameter	1.50" - 3.00" (38mm -76mm)
Print speeds	Selectable print speeds at .5" increments from 2" (51mm) to 4" (102mm) per second

Bradyprinter Model 6441

Part Number	Description
BP-6441	600 dpi, 4", 4ips, Thermal Transfer
BP-6441-IR	600 dpi, 4", 4ips, Thermal Transfer with Internal Rewind

- ▶ **600 dpi Print Resolution** - Prints high quality, 600 dpi images on materials ranging from paper to polyester and polyimides
- ▶ **Easy to Load** - The unique ribbon and media supply and take up hubs make loading a snap.
- ▶ **Minimal Label Waste** - Most label materials can be autocalibrated resulting in MINIMAL LABEL WASTE.
- ▶ **Simple To Use** - Most features can be easily configured through the LCD front panel display.
- ▶ **Fast Label Throughput** - A powerful 32-bit processor, 16MB of RAM, and 2MB of Flash Program Memory minimize download time
- ▶ **Feature Loaded** - More ease-of-use features are standard on this product than any other printer in its class. Standard features include an LCD display, color coded operator cues, embossed media loading diagrams, wide access to the printhead, and a collapsible ribbon hub that makes loading and unloading very easy.

Bradyprinter™ Model 6441

CONTINUED

Bradyprinter Model 6441 Field-Installable Options

Part Number	Description
BPRED-MED-R-ASY	Media rewinder assembly
BPRED-TWIN	Twinax interface option
BPRED-COAX	Coax interface option
BPRED-LD-CUT-KIT	Light duty cutter kit
BPRED-SD-CUT-ASY	Standard cutter assembly
BPRED-PS-ASY	Present sensor assembly
BPRED-PL/PS-ASY	Peel/present assembly
BPRED-INT-LAN	Internal LAN interface option
BPRED-EXT-LAN	External LAN interface option

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Industry standard ribbon widths; 1" (25.4mm) ribbon core, 1968' (600M) in length
- ▶ Recommended to be as wide as media

Resident Fonts

- ▶ Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate scalable font from AGFA®.
- ▶ All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180°, and 270°

Bar Codes

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A,B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 & 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code 93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code 128, Postnet, Code 128 MOD 43, PDF 417, UPS MaxiCode (mode 2 & 3), Datamatrix, Telepen, QR Code

and Micro PDF

Character Set

- ▶ More than 30 international code pages; includes characters for English and most European, Scandinavian and Spanish speaking countries. Also includes double byte code support.

Memory

- ▶ 2 MB Downloadable Flash Program Memory
- ▶ 16MB DRAM memory

Communications Interfaces

- ▶ Centronics® Parallel port (IEEE 1284 compliant)
- ▶ RS232 at 2,400 to 38,400 BPS
- ▶ Optional Ethernet
- ▶ Optional R5422
- ▶ USB Port

Electrical

- ▶ Auto-sensing 115, 230 VAC 50/60Hz

Physical/Environment

- ▶ Height: 12.70" (322.6mm)
- ▶ Width: 12.62" (320.6mm)
- ▶ Depth: 18.60" (472.5mm)
- ▶ Weight: 45 lbs (20.5kg)
- ▶ Operating Temperature:

40°F to 95°F (4°C to 35°C)

Options

- ▶ Standard Media Cutter - maximum thickness 0.10" (.254mm)
- ▶ Light Duty Cutter - maximum thickness .005" (.127mm)
- ▶ Internal Rewind - 6"OD capacity
- ▶ I/O Expansion Card - featuring 8 MB flash, general purpose I/O, time and date battery back up
- ▶ ILPC Firmware - International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages
- ▶ Internal Twinax/Coax Interface - supports printing from IBM® midrange or mainframe computers
- ▶ Network Connectivity - Internal ethernet adapter 10/100 mbps allows multiple users on various platforms to share the same printer
- ▶ Hosts supported: Novell NetWare, UNIX, Windows NT, LAN Manager, AppleTalk, DEC
- ▶ Protocols supported: IPX, TCP/IP, LPR, LAT, NetBIOS/NetBEUI

Bradyprinter™ Model 3481



300 dpi graphics, more ease-of-use features, faster throughput (8ips), minimum label waste and an economical price make the Bradyprinter THT Model 3481 the price and performance leader for applications ranging from desktop to industrial settings. Rugged and reliable, it features a die-cast aluminum frame and a modular design that makes it simple to add or change options at any time. The printer can be easily upgraded and reconfigured for expanded applications.

The Brady 3481 prints high quality images (300 dpi) on materials ranging from paper and polyester to polyimides. Engineered for reliability, this 4" printer can even produce images on labels as small as 1/8" high.

- ▶ **Easy to Load** - The unique ribbon and media supply and take up hubs make loading a snap.
- ▶ **Minimal Label Waste** - Most label materials can be autocalibrated resulting in MINIMAL LABEL WASTE.
- ▶ **Simple To Use** - Most features can be easily configured through the LCD front panel display.
- ▶ **Fast Label Throughput** - A powerful 32-bit processor, 16MB of RAM, and 2MB of Flash Program Memory with first label throughput at 8ips, make it the fastest printer in its class.
- ▶ **Feature Loaded** - More ease-of-use features are standard on this product than any other printer in its class. Standard features include an LCD display, color coded operator cues, embossed media loading diagrams, wide access to the printhead, and a collapsible ribbon hub that makes loading and unloading very easy.
- ▶ 300 dpi

Model 3481 Specifications

Print resolution	300 dots per inch (12 dots/mm) thermal transfer printer
Maximum print width	4.09" (104mm)
Maximum print length	99.00" (2475mm)
Maximum media width	4.65" (118mm)
Minimum media width	1.00" (25.4mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.0025" (.0635mm) to .022" (.559mm)
Core diameter	1.50" - 3.00" (38mm -76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (51mm) to 8" (203mm) per second

Bradyprinter Model 3481

Part Number	Description
BP-3481	300 dpi, 4", 8ips, Thermal Transfer
BP-3481-IR	300 dpi, 4", 8ips, Thermal Transfer with Internal Rewind

Bradyprinter™ Model 3481

CONTINUED

Bradyprinter Model 3481 Field-Installable Options

Part Number	Description
BPRED-MED-R-ASY	Media rewinder assembly
BPRED-TWIN	Twinax interface option
BPRED-COAX	Coax interface option
BPRED-LD-CUT-KIT	Light duty cutter kit
BPRED-SD-CUT-ASY	Standard cutter assembly
BPRED-PS-ASY	Present sensor assembly
BPRED-PL/PS-ASY	Peel/present assembly
BPRED-INT-LAN	Internal LAN interface option
BPRED-EXT-LAN	External LAN interface option

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Industry standard ribbon widths; .80" (20.32mm) ribbon core, 1968' (600M) in length
- ▶ Recommended to be as wide as media

Resident Fonts

- ▶ Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate scalable font from AGFA®.
- ▶ All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180°, and 270°

Bar Codes

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A,B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 & 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code 93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code 128, Postnet, Code 128 MOD

43, PDF 417, UPS MaxiCode (mode 2 & 3), Datamatrix, Telepen

Character Set

- ▶ Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries

Memory

- ▶ 2 MB Downloadable Flash Program Memory
- ▶ 16MB DRAM memory

Communications Interfaces

- ▶ Centronics® Parallel port (IEEE 1284 compliant)
- ▶ RS232 at 300 to 38,400 BPS
- ▶ Optional Ethernet

Electrical

- ▶ Auto-sensing 115, 230 VAC 50/60Hz

Physical/ Environment

- ▶ Height: 12.70" (322.6mm)
- ▶ Width: 12.62" (320.6mm)
- ▶ Depth: 18.60" (472.5mm)
- ▶ Weight: 45 lbs (20.5kg)
- ▶ Operating Temperature:

40°F to 95°F (4°C to 35°C)

Options

- ▶ Standard Media Cutter - maximum thickness 0.10" (.254mm)
- ▶ Light Duty Cutter - maximum thickness .005" (.127mm)
- ▶ Internal Rewind - 6"OD capacity
- ▶ ILPC Firmware - International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages
- ▶ Internal Twinax/Coax Interface - supports printing from IBM® midrange or mainframe computers
- ▶ Network Connectivity - Micro Print Server allows multiple users on various platforms to share the same printer
- ▶ Hosts supported: Novell NetWare, UNIX, Windows NT, LAN Manager, AppleTalk, DEC
- ▶ Protocols supported: IPX, TCP/IP, LPR, LAT, NetBIOS/NetBEUI

Bradyprinter™ Model 2461

THERMAL TRANSFER
PRINTERS & LABELS

More ease-of-use features, faster throughput, minimum label waste and an economical price make the Bradyprinter THT Model 2461 the price and performance leader for applications ranging from desktop to industrial settings. Rugged and reliable, it features a die-cast aluminum frame and a modular design that makes it simple to add or change options at any time. The printer can be easily upgraded and reconfigured for expanded applications.

The Brady 2461 prints high quality images on materials ranging from paper and polyester to polyimides. Engineered for reliability, this 4" printer can even produce images on labels as small as 1/8" high.

Model 2461 Specifications

Print resolution	203 dots per inch (8 dots/mm) thermal transfer printer
Maximum print width	4.09" (104mm)
Maximum print length	99.00" (2475mm)
Maximum media width	4.65" (118mm)
Minimum media width	1.00" (25.4mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.0025" (.0635mm) to .022" (.559mm)
Core diameter	1.50"-3.00" (38mm-76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (51mm) to 6" (152mm) per second

Bradyprinter Model 2461

Part Number	Description
BP-2461	203 dpi, 4", 6ips, Thermal Transfer
BP-2461-IR	203 dpi, 4", 6ips, Thermal Transfer with Internal Rewind

- ▶ **Easy to Load** - The unique ribbon and media supply and take up hubs make loading a snap.
- ▶ **Minimal Label Waste** - Most label materials can be autocalibrated resulting in MINIMAL LABEL WASTE.
- ▶ **Simple To Use** - Most features can be easily configured through the LCD front panel display.
- ▶ **Fast Label Throughput** - A powerful 32-bit processor, 8MB of RAM, and 1MB of Flash Program Memory with first label throughput at 6ips, make it the fastest printer in its class.
- ▶ **Feature Loaded** - More ease-of-use features are standard on this product than any other printer in its class. Standard features include an LCD display, color coded operator cues, embossed media loading diagrams, wide access to the printhead, and a collapsible ribbon hub that makes loading and unloading very easy.

THERMAL TRANSFER PRINTERS BRADYPRINTER MODEL 2461

Bradyprinter™ Model 2461

CONTINUED

Bradyprinter Model 2461 Field-Installable Options

Part Number	Description
BPRED-MED-R-ASY	Media rewinder assembly
BPRED-TWIN	Twinax interface option
BPRED-COAX	Coax interface option
BPRED-LD-CUT-KIT	Light duty cutter kit
BPRED-SD-CUT-ASY	Standard cutter assembly
BPRED-PS-ASY	Present sensor assembly
BPRED-PL/PS-ASY	Peel/present assembly
BPRED-INT-LAN	Internal LAN interface option
BPRED-EXT-LAN	External LAN interface option

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Industry standard ribbon widths; .80" (20.32mm) ribbon core, 1968' (600M) in length
- ▶ Recommended to be as wide as media

Resident Fonts

- ▶ Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate scalable font from AGFA®.
- ▶ All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180°, and 270°

Bar Codes

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A,B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 & 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code 93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code 128, Postnet, Code 128 MOD 43, PDF 417, UPS MaxiCode (mode

2 & 3), Datamatrix, Telepen

Character Set

- ▶ Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries

Memory

- ▶ 1 MB Downloadable Flash Program Memory
- ▶ 8MB DRAM memory

Communications Interfaces

- ▶ Centronics® Parallel port (IEEE 1284 compliant)
- ▶ RS232 at 300 to 38,400 BPS
- ▶ Optional Ethernet

Electrical

- ▶ Auto-sensing 115, 230 VAC 50/60Hz

Physical/Environment

- ▶ Height: 12.70" (322.6mm)
- ▶ Width: 12.62" (320.6mm)
- ▶ Depth: 18.60" (472.5mm)
- ▶ Weight: 45 lbs (20.5kg)

- ▶ Operating Temperature: 40°F to 95°F (4°C to 35°C)

Options

- ▶ Standard Media Cutter - maximum thickness 0.10" (.254mm)
- ▶ Light Duty Cutter - maximum thickness .005" (.127mm)
- ▶ Internal Rewind - 6"OD capacity
- ▶ ILPC Firmware - International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages
- ▶ Internal Twinax/Coax Interface - supports printing from IBM® midrange or mainframe computers
- ▶ Network Connectivity - Micro Print Server allows multiple users on various platforms to share the same printer
- ▶ Hosts supported: Novell NetWare, UNIX, Windows NT, LAN Manager, AppleTalk, DEC
- ▶ Protocols supported: IPX, TCP/IP, LPR, LAT, NetBIOS/NetBEUI

Bradyprinter™ Model 200M



The Bradyprinter THT Model 200M combines quality and low cost in a single high-performance printer. Configured specifically for basic label printing, its superior design allows it to outperform other low-cost printers in both printing and formatting times. It offers easy-to-use push button set-up, a full range of bar code capabilities, and durable construction that withstands harsh operating environments.

Offering both the reliability and support you'd expect from Brady, plus a price that makes it very cost-effective, the Bradyprinter THT Model 200M is the practical printer that makes quality affordable.

- ▶ Practical printer for cost-effective productivity
- ▶ Optical sensors maintain registration on small labels
- ▶ Prints 203 or 300 dpi graphics and high density bar codes
- ▶ Standard tear-off bar for easy label removal
- ▶ 32-bit microprocessor

Model 200M Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer / 300 dots per inch (12 dots per mm) thermal transfer printer
Maximum print width	4.09" (104mm)
Maximum print length	15.00" (381mm) with standard memory
Maximum media width	4.52" (115mm)
Minimum media width	0.79" (20.1mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm) per second

Bradyprinter Model 200M (203 dpi)

Part Number	Description
BP-THT-200M	Brady THT Model 200M
BP-THT-200M-PAR	Brady THT Model 200M with parallel port
BP-THT-200M-R	Brady THT Model 200M with rewind
BP-THT-200M-C	Brady THT Model 200M with cutter

Bradyprinter Model 200M/300 (300 dpi)

Part Number	Description
BP-THT-200M-300	Brady THT Model 200M with 300 dpi
BP-THT-200M-300-PAR	Brady THT Model 200M with 300 dpi and parallel port
BP-THT-200M-300-R	Brady THT Model 200M/300 with rewind
BP-THT-200M-300-C	Brady THT Model 200M/300 with cutter

**Bradyprinter™
Model 200M**

CONTINUED

Ribbons

- ▶ Outside diameter: 3.2" (81.3mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed
- ▶ IBM® Code Page 850 International characters

Electrical

- ▶ Switch selectable 115 VAC + 15/-20%,
5 amp fused; 230 VAC +/-15%,
3 amp fused (48-62 Hz)

Electronics

- ▶ 32-bit microprocessor
- ▶ 1 MB standard RAM memory on

203 dpi and 300 dpi units

**Bar Codes/
Symbologies**

- ▶ All popular symbologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets
A/B/C
and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes:
Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.4" (391mm)
- ▶ Width: 10.5" (267mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 43lbs. (19.5kg)

Communications Interfaces

- ▶ Serial interface standard: RS 232, Centronics® parallel optional

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind feature
- ▶ Parallel interface
- ▶ Extended memory
- ▶ High performance cutter
- ▶ Printhead 300 dots per inch (12dots/mm) resolution (must be specified at time of order – cannot upgrade from 203 to 300 dpi)
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM
- ▶ Additional options available, contact

Bradyprinter™ Model 260M



The Bradyprinter THT Model 260M provides industrial strength performance with all-metal construction and accepts media widths up to 7.2". Because it can accommodate common 6" x 4" applications without rotation, the THT 260M is the ideal choice for compliance labels; product packaging labels; and carton shipping labels.

Bradyprinter THT Model 260M is designed for speed, accuracy and flexibility. It incorporates a 32-bit microprocessor with 1 MB RAM memory to allow simultaneous formatting and printing. Options include internal media rewind and quick-dispensing peel-off.

- ▶ Economical, feature-packed wide label printer
- ▶ Prints at up to 6 inches per second
- ▶ Produces all popular bar codes and 2D symbologies
- ▶ 203 dpi resolution
- ▶ Works with all Brady THT software, labels and ribbons

Model 260M Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	6.30" (160mm)
Maximum print length	25.00" (635mm)
Maximum media width	7.20" (182.9mm)
Minimum media width (recommended)	2.00" (50.8mm)
Maximum label roll diameter	8.00" (203mm)
Total media thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm) per second

Bradyprinter Model 260M

Part Number	Description
BP-THT-260M	Brady THT Model 260M
BP-THT-260M-R	Brady THT Model 260M with rewind
BP-THT-260M-PO	Brady THT Model 260M with peel-off

**Bradyprinter™
Model 260M**

CONTINUED

Ribbons

- ▶ Outside diameter: 3.2" (81mm)

Programming Language

- ▶ ZPL® or ZPL II® selectable through software

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard
- ▶ IBM® Code Page 850 International Characters and Graphics symbols

Electrical

- ▶ Switch selectable 115 VAC +15/-20%
5 amp fused or 230 VAC ±15%
3 amp fused: 48-62 Hz

Electronics

- ▶ 32-bit microprocessor

- ▶ 512K standard RAM
Bar Codes/
Symbologies

- ▶ All popular symbologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C
and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, Data Matrix, Maxi Code

Physical

- ▶ Height: 15.4" (391.2mm)
- ▶ Width: 13.1" (332.7mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 55lbs. (24.9kg)

Communications Interfaces

- ▶ Centronics® Parallel or RS-232C Parity, data bits, XON-XOFF/DTR protocol set by DIP switches 110-

- 19,
200 BAUD

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation environment: 40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Internal rewind: Full roll of printed labels is rewound internally
- ▶ Label peel-off and liner rewind: For immediate application
- ▶ Fanfold bin: Internal
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM

Thermal Transfer Printer Accessories

Printer Cleaning Kit

Part Number	Description
PCK-4	Thermal Transfer Printer Cleaning Kit (50 self saturating cotton swabs)

Printhead Cleaning Film (3 strips/package)

Part Number	Description
CL-FILM-P-2	Printhead Cleaning Film 2" x 6"
CL-FILM-P-4	Printhead Cleaning Film 4" x 6"
CL-FILM-P-5	Printhead Cleaning Film 5" x 6"

Serial Cabling Kit

Part Number	Description
SCK-9	Serial Cabling Kit — 9 ft.