

# Allegro<sup>2</sup>

by DATAMAX THERMAL TRANSFER PRINTER

**PRINTER TYPE**

Direct Thermal,  
Optional Thermal Transfer

**PRINT SPEED**

2", 2.5" and 3" per second  
(51mm, 64mm, and 76mm)

**RESOLUTION**

203 dpi (8 dots/mm)

**BAR CODE MODULUS**

5 mil to 110 mil "X" dimension in  
picket fence or ladder orientations

**MAXIMUM PRINT WIDTH**

4.1" (104mm)

**MEDIA WIDTH**

1" - 4.65" (25mm - 118mm)

**PRINT LENGTH**

0.5" - 8" (13mm - 203mm); 1" (25mm)  
minimum print length with optional  
present sensor

**MEDIA WINDOW**

Clear side door panel to easily monitor  
media supply levels

**MEDIA TYPE**

Roll-fed or fan-fold materials, die-cut or  
continuous labels; perforated or  
continuous tag/ticket stock

**MEDIA THICKNESS**

.0025" - .0100" (.0635mm - .254mm)

**MEDIA SENSING**

"See through" for liner-backed die-cut  
labels and tags; left bias reflective sensor  
for media with black stripe sensing

**SUPPLY ROLL**

8" (203mm) maximum diameter on 1.5"  
(38mm) to 3" (76mm) core. Fan-fold  
stock accepted from rear of printer

**LABEL BACKFEED**

For use with tear bar and optional cutter

**REBBS**

Industry standard ribbon widths; 1"  
(25mm) ribbon core; 1182' (360M) in  
length

**CABINET**

Plastic construction; optional metal

**BAR CODES**

Code 39 (used to produce industry  
standards such as AIAG, HIBC  
LOGMARS, etc.), 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

**RESIDENT FONTS**

Nine alphanumeric fonts from .035"  
(.89mm) to .64" (16.26mm) and OCR-  
A, OCR-B, CG Triumvirate™ from  
AGFA® in both portrait and landscape  
orientations (from 6 point to 48 point)

**CHARACTER SET**

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

**FONT EXPANSION /ROTATION**

All fonts expandable vertically and  
horizontally up to 24x; fonts and  
graphics can be printed in four  
directions: 0°, 90°, 180° and 270°

**GRAPHICS SUPPORT**

.PCX, .BMP and .IMG files

**MEMORY MODULE SLOT**

One side panel slot holds optional  
FLASH, RAM or font modules

**BUILT-IN EPROM**

512K

**INTERNAL BATCH**

Stand-alone label creation capability for  
Wyse 50 or compatible type terminals

**BUILT-IN DRAM**

256K

**INTERFACES**

IEEE RS232C, RS-422 at 300 to  
9,600 BPS

**POWER SOURCE**

115, 230 VAC 50/60Hz available;  
specify when ordering

**OPERATING TEMPERATURE**

40°F to 90°F (4°C to 32°C)

**DIMENSIONS**

8.8" (224mm)H x 9.5" (241mm)W  
x 16.6" (422mm)D

**WEIGHT**

23lbs (10.4kg)

**OPTIONS****THERMAL TRANSFER**

Factory installed

**CUTTER WITH TRAY**

Maximum Thickness .010" (.254mm)

**PRESENT SENSOR**

Used for on-demand label dispensing

**WINDOWS® DRIVER**

Used for creating label formats using  
virtually any windows-based program

**PASSPORT**

Portable keyboard/display terminal  
provides interface for stand-alone  
printing

**INTERNAL REWIND**

3" (76mm) OD capacity; label backing  
rewound in peel and present mode and  
liner rewound in batch mode with present  
sensor used for on-demand label dispensing  
(factory installed)

**EXTERNAL REWIND**

8" (203mm) maximum OD capacity

**256K & 512K FLASH CARTRIDGES**

Used for permanent storage of custom  
fonts, formats and graphics

**FONTS**

Proportional: CG Triumvirate™ Bold  
Condensed, CG Triumvirate™ Italic, CG  
Triumvirate Bold, Futura® Extra Bold  
Condensed, CG Times™, CG Times Bold;  
other fonts available directly from Agfa

**METAL CABINET**

Sturdy metal cabinet for harsh, industrial  
environments

**PARALLEL ADAPTOR**

Converts Centronics® parallel type data  
to RS-232

**AGENCY LISTINGS**

Built to UL, CSA and TUV-GS safety  
standards and VDE Class B, FCC Class A  
emissions standard and CE Mark

**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
- DEC

*Protocols Supported:*

- IPX
- TCP/IP
- LAT
- NetBIOS/NetBEUI



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**YEAR 2000  
COMPLIANT**

**DATAMAX®**

92-2142-01 Rev B

# Allegro<sup>2</sup>

by DATAMAX THERMAL TRANSFER PRINTER



For moderate volume label printing applications demanding versatility, quality and economy, discover the Allegro<sup>2</sup> thermal label printer.

The Allegro<sup>2</sup> generates superior quality bar codes, bitmapped and scalable typographic fonts and precisely defined graphics at 203 dpi (8 dots per mm) resolution. Suggested applications include labeling medical records and lab samples, tracking orders through manufacturing, labeling outbound shipments, product labeling, inventory control and document tracking. The Allegro<sup>2</sup> provides current Allegro<sup>®</sup> printer users with plug and play compatibility to ensure continuity within existing applications.

Options include: thermal transfer, cutter with tray, front rewind, present sensor, Centronics<sup>®</sup> parallel adaptor, PC-Batch<sup>™</sup> label preparation software and RAM and FLASH memory cartridges.

## **The Allegro<sup>2</sup> Features:**

- A faster maximum print speed of 3 inches (76mm) per second boosts productivity
- A uni-frame construction provides ultra-precise print registration
- A larger cabinet accommodates a full-size 8 inch (203mm) outside diameter media supply roll
- For easy label application, an optional peel-and-present mechanism peels printed labels away from the liner as they are dispensed
- An optional internal rewind mechanism rewinds up to 3 inches (76mm) of liner in peel-and-present mode
- An optional rugged metal cabinet ensures reliable operation in harsh industrial environments

**DATAMAX<sup>®</sup>**