

Allegro²

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

RIBBONS

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



This data sheet is for informational purposes only.
DATAMAX MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, IN
THIS SUMMARY. Specifications are subject to change without
notice. All trademarks are the property of their respective owners.
© 1999 DATAMAX BAR CODE PRODUCTS CORPORATION.
All rights reserved 1/99.

**CORPORATE HEADQUARTERS**

4501 Parkway
Commerce Boulevard
Orlando, Florida USA 32808
Phone: 407-578-8007
Fax: 407-578-8377
<http://www.datamaxcorp.com>

DATAMAX INTERNATIONAL

Herbert House, Elizabeth Way
Pinnacles, Harlow
Essex CM19 5FE United Kingdom
Phone: +44-1-279-772-200
Fax: +44-1-279-424-448

ASIA PACIFIC SALES

19 Loyang Way
#01-01 CILC Building
Singapore 508724
Phone: +65-542-2611
Fax: +65-542-3611

**YEAR 2000
COMPLIANT**

DATAMAX®

92-2142-01 Rev B

Allegro²

by DATAMAX THERMAL TRANSFER PRINTER



For moderate volume label printing applications demanding versatility, quality and economy, discover the Allegro² thermal label printer.

The Allegro² 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 Allegro² provides current Allegro[®] 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[®] parallel adaptor, PC-Batch[™] label preparation software and RAM and FLASH memory cartridges.

The Allegro² 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[®]