

Apollo 2 & 3

BAR CODE LABEL PRINTERS
BY THARO SYSTEMS



**A STAND-ALONE PRINTING STATION...
NO COMPUTER ATTACHED**

If you're concerned about the additional cost of a computer, saving work space, harsh environments for computers and training "computer" operators, then "cut the cord" from your computer with the APOLLO!

Apollo 2 Features

Printing Speed: 2" (50mm) - 8" (200mm) per second
Resolution: 300 dots per inch (12 dots/mm)
Bar Code Narrow Element: 3.3 mil minimum "X" dimension in picket fence or ladder orientations
Print Width: 4.2" (108mm) max.
Print Height: .25" (6mm) min.; 21.5" (546mm) max.
Media Width: .5" (12mm) min.; 4.5" (114mm) max.
Media Sensing: "See-through" for die-cut labels; top and bottom reflective for black stripe sensing; horizontally adjustable from .12" (3mm) to 2.20" (56mm)
Processor: 32-bit, Motorola MC 68332
Fuses: 6.3 AT (at 115V) or 3.15 AT (at 230V)
Weight: 37 lbs. (16.6 kg)

Apollo 3 Features

Printing Speed: 2" (50mm) - 5" (125mm) per second
Resolution: 203 dots per inch (8 dots/mm)
Bar Code Narrow Element: 5 mil minimum "X" dimension in picket fence or ladder orientations
Print Width: 4.09" (104mm) max.
Print Height: .3" (8mm) min.; 37.2" (945mm) max.
Media Width: .6" (15mm) min.; 4.5" (114mm) max.
Media Sensing: "See-through" for die-cut labels; bottom reflective for black stripe sensing; horizontally adjustable from .12" (3mm) to 2.20" (56mm)
Processor: 32-bit, Motorola MC 68322
Fuses: 3.15 AT (at 115V) or 1.6 AT (at 230V)
Weight: 30 lbs. (13.6 kg)

Apollo 2/3 Specifications

Printer Type:

Direct Thermal/Thermal Transfer

Media Type:

Roll-fed, die-cut, continuous or fan-fold labels, tags or tickets;
most direct thermal or thermal transfer materials

Media Thickness:

.0024" to .01" (.06 to .25mm)

Supply Roll:

8" (200mm) maximum outside diameter on cores from 1.57" to 3" (40mm to 75mm)

Ribbons:

1" (25mm) core diameter with 3" (75mm) outside diameter;
1182" (360m) maximum length; industry standard widths

Bar Codes:

| | |
|------------------------|---------|
| UPC/EAN add on 2 digit | JAN 8 |
| UPC/EAN add-on 5 digit | JAN 13 |
| Code 39 | MSI |
| Code 93 | Plessey |
| Code 128 A, B, C | PDF417 |
| Codabar | UPC A |
| EAN 8 | UPC E |
| EAN 13 | POSTNET |
| EAN 128 | RM |
| HIBC | UCC 128 |
| Interleaved 2 of 5 | |

Fonts:

5 Bitmap fonts included; OCR-A, OCR-B
3 Scalable Fonts (Speedo) available internally
Accepts downloaded Speedo and TrueType typefaces

Character Set:

IBM Code Page 850/852
EBCDIC, ISO 8859-1, Macintosh
All West and East European Latin characters are available

Character Size:

.04" (.9mm) - 5.04" (128mm)
The width and height of scalable font characters are infinitely adjustable.
Bitmap fonts expandable vertically and horizontally up to 10x.

Character Attributes:

Reverse, Bold, Italic, Underlined and Outline

Print Direction:

Bitmap fonts and Bar Codes: 0°, 90°, 180°, 270°
Scalable fonts: 360° in 1° increments

Graphic Formats Supported:

PCX, IMG, BMP, TIF, GIF and MAC files.

Graphic Objects Available:

Line, Box, Circle and Ellipse

Control Panel:

Backlit LCD with 2 lines of text, 16 characters each.
Used for Messages, Printer Configuration and displaying prompts for stand-alone printing (Must have optional PCMCIA Memory Card for stand-alone printing)
Configuration options allow for the display of messages in the following languages:
English, German, French, Italian, Spanish and Finnish.
4 function keys with LEDs

Peripheral Port:

15-pin Sub-D socket for optional Cutter or Present Sensor / Peel Edge

Memory:

Internal RAM 2MB

Time and Date: Standard

Interface:

| | | |
|-----------|----------------|-----------------|
| Serial: | RS-232 C | 1200-57600 Baud |
| | RS-422, RS-485 | 1200-57600 Baud |
| Parallel: | Centronics® | |

Networking:

With RS-485, daisy-chain up to 26 printers off one RS-485 network card

Power Source:

Switchable between 115V 60 Hz or 230V 50 Hz

Environmental:

Temp 50-95°F (10-35°C) at 10-85% humidity

Dimensions:

10.6"H x 9.8"W x 18"D (270H x 250W x 456D mm)

Agency Listings:

Built to TUV-GS and CE safety standards;
complies with FCC Class A emissions standards

OPTIONS

EASYLABEL® Software:

Stand-alone label creation software package for IBM-PC® or compatibles running Microsoft Windows. Provides extensive, advanced label formatting functions.

PCMCIA Memory Card:

Max. 4Mbyte, SRAM, Flash or One Time Programmable Cards
for storing downloaded formats for stand-alone printing

Keyboard Adapter:

Adapter for plugging an external keyboard into printer for stand-alone printing.
(Must have the optional PCMCIA Memory Card installed).

Internal Rewinder:

1.57" (40mm) core diameter; roll diameter up to 5.71" (145mm)

Rewind Guide Plate:

Internal rewinding is made possible with the APOLLO 2/3 by using the rewind guide plate to control the path of the label material.

External Rewinder:

1.57" (40mm) standard core; 3" (75mm) core adapters included;
Roll diameter up to 8" (200mm)
Can rewind labels inside or outside

Present Sensor / Peel Edge:

Used for on-demand label dispensing;
connects to 15-pin peripheral port for control and power
Cutter:

Maximum media thickness .01" (.25mm);
connects to 15-pin peripheral port for control and power

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APOLLO

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