

# 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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