

# BP-Series High Performance Band Printers

## Models BP-1500 and BP-2000

The BP-Series high speed band printers offer excellent print quality and reliability at the heavy duty cycles typical of high volume applications. The BP-1500 and BP-2000 print 1500 and 2000 lines per minute, using a 48-character set.

Set-up and operation are quick and easy. A swing open gate facilitates paper, ribbon and steel print band changing, all of which the operator can do. Adjustment to forms width is simple.

The paper routing system, with four tractors and paper puller, assures reliable unattended operation.

The touch-sensitive control panel includes a built-in self-test unit with switch-selectable 80- or 132-column multiple pattern program. A rear control panel helps in paper set up and servicing.

BP-Series printers are designed to keep maintenance costs low. Mean-time-to-repair is just 30 minutes. Diagnostic and status indicat-

ors monitor all electronics and system interlocks, isolating problems quickly. Modular design, including self-contained hammer flight timing circuitry, simplifies maintenance and reduces the necessary level of maintenance technician's skill.

The BP-1500 and BP-2000 set new price/performance standards in the high speed printer class. Both printers are tough enough to handle heavy use, but priced to match today's lower system costs.



 **Dataproducts**®

Where printers are an obsession.  
Not an afterthought.

# SPECIFICATIONS

## Operation

### Print speed:

Character set	48	64	96
Speed (LPM)			
BP-1500	1500	1200	900
BP-2000	2000	1650	1100

### Paper slew speed:

50 inches per second

### Single line advance:

BP-1500 14 milliseconds  
BP-2000 12 milliseconds

### Interface:

Dataproducts parallel with full line buffer. Long line optional.

### Hammer system:

132 Mark V hammers;  
136 optional

## Forms Handling

### Copies:

Original plus 5

### Forms size:

Fan-fold, edge perforated continuous forms from 88.9mm (3.5 in.) to 476mm (18.75 in.) wide

### Format control:

Standard—Fixed 11 inch or 12 inch forms length—12 channel direct access VFU.  
Optional—Forms length switch—12 channel tape VFU

### Character spacing:

10 CPI

### Line spacing:

6 or 8 lines/inch—switch selectable

## Electrical

### Voltage:

100, 120, 127, 220, 230, 240 (+10%–15%)

### Frequency:

47 to 63 Hz

### Power requirements:

BP-1500 1100 watts printing  
BP-2000 1000 watts printing

## Features

### Standard:

Direct access VFU  
Hammer verify  
Automatic Phasing  
Self test—operator selectable,  
80 or 132 columns  
Diagnostic status display  
Scopeless hammer flight  
timing  
Adjustable forms thickness  
control

Print density control  
Long life towel ribbon  
Paper puller  
Single cycle control  
Universal power supply  
Variety of character sets  
Paper out sensor  
Paper motion sensor  
Casters  
Four forms tractors

### Optional:

12 channel paper tape VFU  
Forms length select switch  
Power stacker  
Acoustic cabinet  
Special interfaces  
Cover lift on paper fault

Static eliminator  
Line counter  
Time meter  
Custom paint  
136 column hammerbank  
Two speed print

## Dimensions

### Height:

124.5cm (49 in.)

### Width:

90.1cm (35.5 in.)

### Depth:

74.9cm (29.5 in.) with  
paper puller removed.  
Attaching puller adds  
22.9cm (9 in.).

### Weight:

255Kg (560 lbs.)



All specifications subject to change without notice.

For more information call (800) 258-1386

## Locations

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# B-Series Band Printers

There are three printers in the B-Series family, the B-300, B-600 and B-1000, printing at 300, 650 and 1,025 lines per minute (at a typical 64 characters per line).

These printers are built for reliability. With the experience of having 100,000 printers in the field and the latest developments in electronics, we now produce the best and least expensive medium-speed line printers in our history.

B-Series printers work at high duty cycles with minimal maintenance. This is achieved by using Dataproducts' field-proven Mark V hammerbank, by reducing mechanical movements through

the use of microprocessors, and by using the best materials available.

Dataproducts sets the industry standards for print quality. The B-Series maintains those standards, through the combination of the friction-free hammerbank and a laterally moving, full font steel band.

The designers were particularly sensitive to the needs of the operator. A built-in diagnostic display lets you identify and correct off-line conditions quickly. It prevents many service calls, and when calls are required, service people arrive prepared to get you back on line fast.

Dataproducts long life ribbon cartridges reduce handling and make loading quick and easy. The operator can change the steel font band in less than a minute. All controls are easy to see, easy to reach.

Where noise is a problem, the Dataproducts acoustic cabinet reduces it to 60 dBA. The cabinet is optional with the B-300 and B-600, standard with the B-1000.

B-Series printers are highly cost effective machines. They have over 90% parts commonality, minimizing spares inventories and technical training. They are rugged, reliable and reasonably priced.



**Dataproducts printers.**

Nobody puts ideas on paper so many ways.

# B-Series Band Printers

## SPECIFICATIONS

	B-300	B-600	B-1000
<b>Print speed:</b> 48 Character Set 64 Character Set 96 Character Set	<b>Speed LPM</b> 320 LPM 300 LPM 230 LPM	<b>Speed LPM</b> 650 LPM 650 LPM 550 LPM	<b>Speed LPM</b> 1100 LPM 1025 LPM 820 LPM
<b>Paper slew speed:</b> <b>Single line advance:</b> <b>Band speed:</b>	38 cm (15 in.) per sec. 25 milliseconds 467 cm (184 in.) per sec.	38 cm (15 in.) per sec. 25 milliseconds 320 cm (126 in.) per sec.	38 cm (15 in.) per sec. 18 milliseconds 507 cm (199 in.) per sec.
<b>Interface:</b>	Dataproducts parallel with full line buffer (standard) RS-232 (optional) Long line (optional) Centronics compatible (optional)		
<b>Forms type:</b>	Continuous fan-fold, edge perforated 7.6 cm (3 in.) to 40.6 cm (16 in.) wide		
<b>Copies:</b>	Original plus five	Original plus five	Original plus five
<b>Print format:</b> Horizontal  Vertical	10 characters/in. 15 characters/in. (optional) 6 or 8 lines/in.	10 characters/in.  6 or 8 lines/in.	10 characters/in.  6 or 8 lines/in.
<b>Dimensions:</b> Height Width Depth Weight	38 cm (15.0 in.) 77 cm (30.3 in.) 64 cm (25.2 in.) 68 Kg (150 lbs.)	38 cm (15.0 in.) 77 cm (30.3 in.) 64 cm (25.2 in.) 72.5 Kg (160 lbs.)	113 cm (44.5 in.) 87 cm (34.3 in.) 75.5 cm (29.7 in.) 159 Kg (350 lbs.)
<b>Electrical Voltage/Freq:</b>	Standard  Optional	USA Power Supply 90-132V 60 Hz Standard Universal Power Supply 90-132V; 180-250V 50 or 60 Hz Optional	N/A  Standard
<b>Power Required:</b> Operating Standby	300 watts 200 watts	375 watts 225 watts	600 watts 550 watts
<b>Features:</b> Self test Auto motor on/off Diagnostic display Pedestal & paper shelf Acoustic cabinet Forms length select switch Elapsed time meters Tape controlled 12 ch VFU Direct access 12 ch VFU 136 print columns	Standard Standard Standard Optional Optional Optional Optional Optional Optional Optional	Standard Standard Standard Standard Optional Optional Optional Optional Optional Optional	Standard Standard Standard N/A Standard Optional Optional Optional Optional Optional

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