

CENTRONICS

6000 SERIES

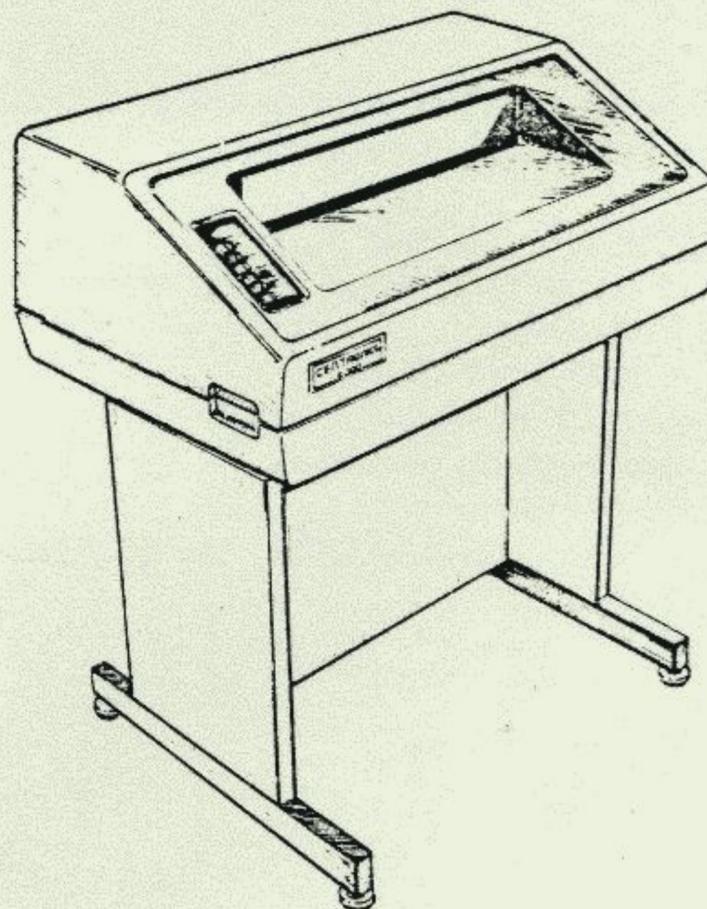
6000 SERIES LINE PRINTERS

GENERAL INTRODUCTION

Centronics 6000 is a series of back printing, fully formed character line printers featuring a horizontally moving, one piece print band. The Models 6075, 6150, 6300 and 6600 achieve 75, 150, 300 and 600 lines per minute, respectively, over a full 132 columns. The 6000 Series features a compact, reliable mechanism constructed to meet the rigors of a broad spectrum of EDP applications.

STANDARD FEATURES

- Operator Changeable Font
- Cassette Ribbon
- Microprocessor Electronics
- Parallel Interface
- UL, CSA Approval
- Excellent Print Quality
- Floor Standing Cabinet
- 85% Spare Parts Commonality



STANDARD SPECIFICATIONS

Print Performance

Fully-formed characters
 132 Characters per line
 64 Character USASCII set
 6 Lines per inch printed vertically
 10 Characters per inch printed horizontally
 Print band position control achieved by automatic recognition of character and font timing marks
 Print band interchangeability between models 6075/6150 and models 6300/6600
 Individual models differentiated by degree of mechanical and electronics sharing:

Printer Model	Hammer Sharing	Drive Electronics Sharing
6075	Yes	Yes
6150	Yes	No
6300	No	Yes
6600	No	No

Print Speed

Character Set	6075	6150	6300	6600
48	100	200	400	750
64	75	150	300	600
96	50	100	200	400
128	N/A	N/A	150	300

Temperature

Operating: 40° to 104° F (5° to 40° C)
 Storage: -22° to 140° F (-30° to 60° C)

Humidity

Operating: 25% to 90%
 Storage: 5% to 95%

Shock/Vibration

NSTC Approval

Electrical Requirements

50 or 60 Hz \pm 1 Hz; multi-tap transformer with eight voltage taps: 100, 110, 115, 120, 200, 220, 230, 240 volts (all +10%/-15%)

Physical Dimensions

Weight: 250 pounds (114 kg)
Height: 40 inches (102 cm)
Width: 33 inches (84 cm)
Depth: 21 inches (54 cm)

Paper Specification

Pin feed, continuous fanfold
4" to 19" width
3" to 17" length
1 to 6 part forms

Ribbon

½ inch x 88 yard, mobius loop cartridge ribbon
Continuous motion, non-reversing

Paper Motion and Controls

Paper advancement via stepper motor controlled sprocket wheels
Single line advance at 25 ms.
Paper slew at 15 inches per second
Paper runaway inhibit circuitry
Out of paper sensor
2 Channel direct access VFU/11" top of forms
Rear paper feed

Operator Controls

Power ON/OFF
Select/Deselect
Forms Override
Top of Form
Test Print
Line Feed
Alert Indicators: Paper out, Open yoke, Ribbon jam, Band lock
Fault Indicators: Hammer fault, Power supply fault
Forms density control
Paper motion control
Character phasing
Line finder
Column scale

Other Standards

Eight foot power cord
Automatic motor control
Paper restacking tray

Interface

Parallel data input
8-Bit
ASCII character code set
Fully described in Centronics
Publications No. C332-44

Available Interface Voltages

+5 Volts \pm 5% at 800 ma
+ 12 Volts \pm 5% at 200 ma (optional)
-12 Volts \pm 5% at 200 ma (optional)
Transmitter/Receiver Capability :
Short line (20 feet)

Optional Features

Standard industry interfaces - aids printer system interfacing
Centronics communications interface adapter- allows printer to accept serial input data
6/8 LPI paper spacing - operator selectable switch provides 25% paper savings at 8 LPI
Line counter - permanently records number of printed lines
Paper jam sensor - automatically stops printer if paper motion ceases
2, 8, 12 channel electronic VFU - electronically stores 2, 8, or 12 channels of vertical format instructions via a tape reader
Special paint - system paint scheme matched for orders having a minimum of 25 units
Audio alarm - alerts operator to out of paper condition or received bell code
Elapsed time indicator - records accumulated print time
136 Columns - increases column capacity for special applications
Bottom feed out of paper sensor - enhances utilization of the secondary paper loading path.
Character sets-several standard print bands available.

USA ASCII, 48 Characters
USA ASCII, 64 Characters
USA ASCII, 96 Characters
UK/French ASCII, 64 Characters
German ASCII, 64 Characters
Scandinavian ASCII, 64 Characters
USA EBCDIC, 64 Characters
USA ISO - Standard, 64 Characters

Custom designed fonts - 48, 64, 96, 128 character print bands for specific requirements.

Specifications subject to change without notice.

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