

# bottom of form option for centronics 101 and 101A printers

Bottom of Form (BOF) is an optional format control feature for Model 101 and 101A printers. BOF allows the printer to skip from a specified form location to the top of the next form without the need of software control. This feature eliminates printing on the perforation area between sheets and leaves a margin at the top and bottom of each form.

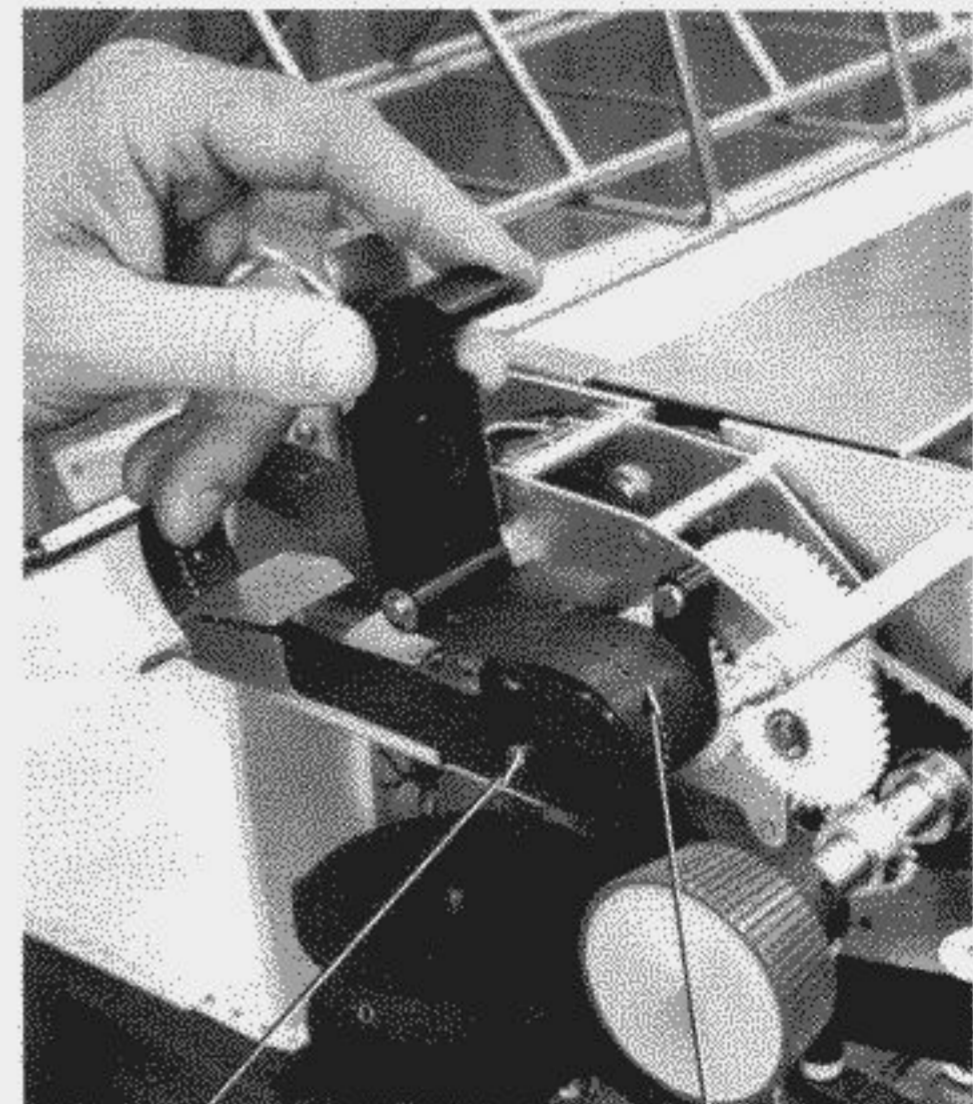
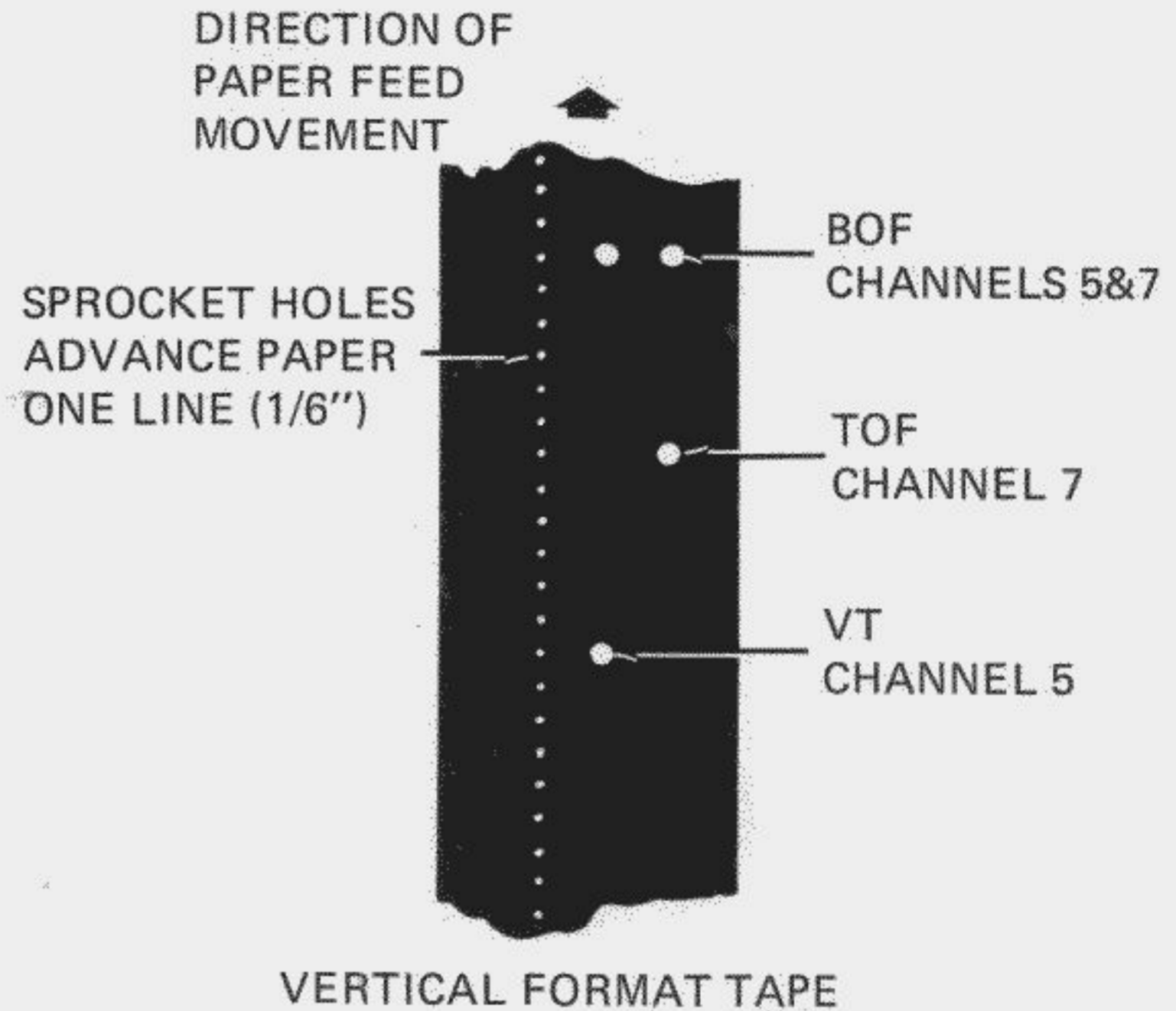
BOF is controlled by a paper tape which is contained on the 2-channel Vertical Format Unit. This same tape also controls the Vertical Tab (VT) and the Top of Form (TOF) features on the Model 101 and 101A printers.

The tape is a standard 1-inch wide, 8-channel black *opaque* paper tape (available from Centronics). The sprocket holes, located between channels 3 and 4, have a 1/10 inch pitch between holes. Each sprocket hole represents one print line (1/6 inch). The tape reader and paper feed mechanisms are mechanically linked so that each line feed advances both the paper by one line and the paper tape by one sprocket hole. Channel 5 defines the Vertical Tab format. Channel 7 defines the Top of Form format. BOF occurs when holes appear in channels 5 and 7 on the tape. When the printer detects the two BOF holes, it will immediately initiate a Top of Form instruction.

Detection of a BOF advances the tape and paper to the next hole in channel 7 (TOF). The last line to be printed actually occurs one line before the punched BOF holes on the paper tape.

Reception of a TOF code (octal 014) or pressing the TOP OF FORM switch advances the tape and paper to the next single hole in channel 7. BOF and TOF must be separated by at least one complete line.

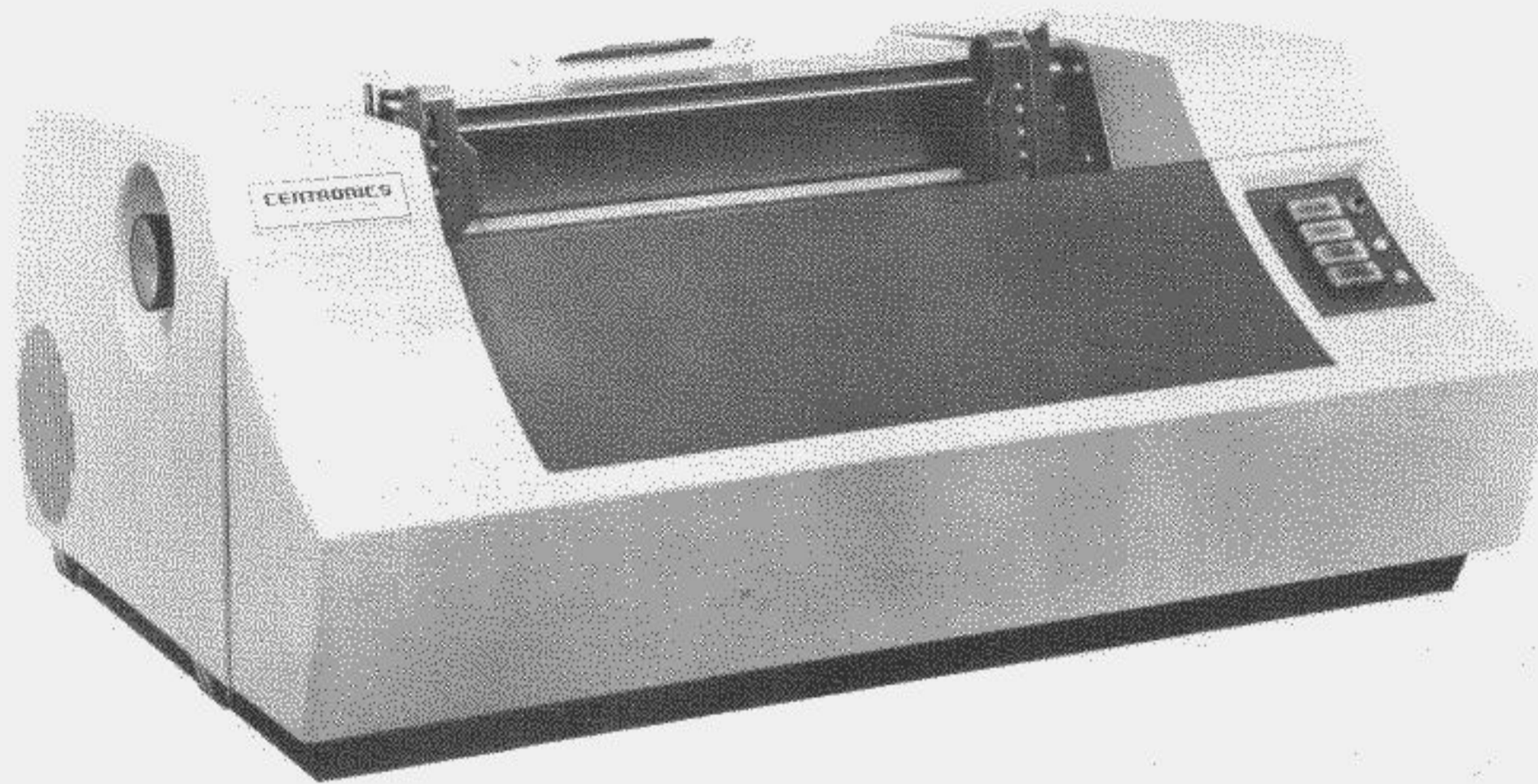
Master tapes for different length forms can be created on most teletypewriters containing a paper tape punch or with an optional Centronics Manual Tape Punch.



VERTICAL FORMAT  
TAPE READER

VERTICAL FORMAT  
TAPE

# CENTRONICS



The Bottom of Form feature is one of many available options for Centronics Model 101 and 101A printers. The Model 101 prints a 5 x 7 dot matrix character and the Model 101A prints a 9 x 7 dot matrix character. These printers have a printing speed of 165 cps. Line speeds range from 60 lpm to 200 lpm.

For more information on the Model 101 and 101A or other Centronics printers and keyboard printers, contact one of the Centronics Sales Offices listed below.

Specifications subject to change without notice.

Patents pending in U.S.A. and other countries.

**EASTERN REGION**

Hudson, New Hampshire 03051  
Telephone: (617) 646-7200

**PHILADELPHIA**

436 Timberline Drive  
Rancocas Woods  
Mt. Holly, New Jersey 08060

**WASHINGTON D.C.**

110 Avondale Drive  
Sterling, Virginia 22170  
Telephone: (703) 450-5071

**CENTRAL REGION**

Executive East Building, Suite 200  
1563 East Dorothy Lane  
Kettering, Ohio 45429  
Telephone: (513) 294-0070

**CHICAGO**

4902 Tollview Drive  
Rolling Meadows, Illinois 60008  
Telephone: (312) 398-4500

**WESTERN REGION**

2800 South Main Street  
Santa Ana, California 92707  
Telephone: (714) 979-6650

**CENTRONICS**  
data computer corp.  
HUDSON, N.H. 03051  
telephone (603) 883-0111