

Quieter than a typewriter

 Built for today's data handling requirements

Designed to meet all your needs





This is an era of information generation and data handling where tremendous amounts of information have to be moved along—fast.

And that's where the General Electric TermiNet 300 printer fits inmoving data fast.

What kind of data? All kinds. People to people, computers to people, people to computers, long distances, short distances.

Where's the action? Everywhere and anywhere. In the engineering department, the district office, purchasing, billing, your office.

That's why the GE TermiNet 300 printer is what you're looking for. It's fast, it's versatile, it's quiet. A real worker, and a pleasure to have around.



## Applications

- Time sharing systems, for solving scientific and business problems.
- Management information systems.
- Editing and formating text using computers.
- Information retrieved from computers.
- Point-to-point business data exchange.
- Repetitive printing of business documents, such as shipping papers, billing invoices, etc.
- Order entry systems

### Quiet Operation

In the past data comunication equipment did not have to be quiet because it was usually confined to special areas where noise didn't present a problem.

But today, data communication equipment is needed up front where the action is. Where noise is a problem.

The TermiNet 300 printer eliminates that problem.

It's so quiet, you forget it's there whether it's in your conference room, the front office, anywhere.

# High Speed

Most present day equipment is limited to an output rate of 10 or 15 characters per second. When used with modern highspeed computers, 50 to 80% of the computer time is lost waiting to receive data.

Not with GE's TermiNet 300 printer.

It can operate at 10, 15 and 30 characters per second. Twice as fast as conventional equipment. And to prevent false or incorrect characters during fast typing, the keyboard design has built-in electronic protection.

So why wait around? The TermiNet 300 printer can get the job done much faster. A significant productivity improvement which can save you time and money — both in the office and on the computer.

### Versatility

The modular circuitry of the TermiNet 300 printer offers many options to meet your specific needs. Just a few examples are: horizontal tabulation, compatible paper tape reader and punch, and long print lines.

No longer are you forced to use equipment poorly suited for your application. Most functions you require can be added or deleted by simply inserting an optional plug-in module.

### Reliability

A need exists for a printer which can perform its function without drift, wear, or the need for recalibration over the life of the machine. General Electric has made a major advance toward achieving this objective in the TermiNet 300 design.

Turning to the latest advances in technology, GE has maximized the use of modularized electronic circuitry and minimized mechanical parts in this printer. And even the few remaining mechanical parts have been designed for a minimum of wear.



# Maintainability

The maintenance concept for the TermiNet 300 printer has also been patterned to provide maximum operating time for the user.

When service is needed, GE contract service is available throughout the United States on 24 hour call.



# Options

#### Long Print Line

TermiNet 300 printer offers 80 or 118 print positions for those applications requiring a long print line.

#### Tape Reader

A photoelectric tape reader is available which can read at 10, 15, and 30 characters per second when used with a printer and can also send data at 120 characters per second when required.



The tape reader is versatile in a number of other ways. It can read or omit the next character, word, or line by simply pushing the appropriate buttons. The reader can be backspaced and the tape can be rewound from either a remote or local location.

#### Tape Cassette Accessory

This option adds the capability of data storage and retrieval on magnetic tape. Read and write speeds may be chosen from 110, 150, 300, or 1200 bits-persecond. Device codes over transmission lines can direct the cassette to read, write, rewind, or stop with no operator present.



#### Integral Modem

The integral 300 baud originate only modem allows the printer to be directly coupled to a telephone line without the use of an internal data set or acoustic coupler.

#### Selective Addressing

This allows a transmitting source to select certain member(s) of a group of terminals on a party line so only they will receive the data to be transmitted.

#### Tape Punch

The punch is solenoid driven, operates at 10, 15, and 30 characters per second and has no moving parts, except during the punching operation, to reduce wear and noise. The punch can automatically prepare a leader at the beginning of a tape.

#### Horizontal Tabulation

Tabs can be set quickly at every print position on the print line. This may be done from a remote location or from the local keyboard. This gives the user ultimate freedom in formating his output data.

### Vertical Tabulation and Form Feed

TermiNet 300 printer is able to tabulate vertically for use with pre-printed forms. The form feed feature allows each form to be indexed to the top of the page.

#### Pin Feed

Available for rapid and accurate handling of business forms.

#### Transparency

Codes other than ASCII may be transmitted on the paper tape reader and received on the paper tape punch when the TermiNet 300 printer is in the "Transparent" mode.

#### Answerback

Up to a 20 character message can be supplied in the answerback option. This gives a remote location positive identification of another printer without requiring an operator to be present.

#### **Character Parity Error Detection**

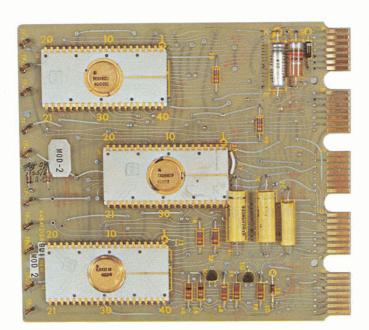
This optional feature allows checking of character parity. The printer checks for parity upon receipt of each character, and sends a "break" signal in case of error.

#### Parallel Interface

Provisions are made for accepting data in parallel form. This allows use of associated devices, i.e. card reader, with TermiNet 300 printer.

#### Half-Duplex Operation

TermiNet 300 printer can be used in a half-duplex mode with alternate two-way transmission and receiving.



Large-Scale integrated circuit boards are the brains of the TermiNet 300 printer. These plug-in modules, the latest in electronic circuitry, make the printer more compact, easier to maintain.

## Specifications

#### TRANSMISSION:

CODE: INTERFACE: SPEED: MODE: TYPE: DATA SET:

#### PRINTING:

TYPE: SPACING:

LINE LENGTH: PAPER:

AVAILABLE CHARACTERS:

SPEED: RIBBON:

#### OPERATOR CONTROLS

#### SWITCHES:

Power, "On-Off" Speed, 10, 15 or 30 characters per second Automatic Line Feed Inhibit Print/Transmission Single/Double Space Paper Release (Lever) Transparency Upper/Lower Case PUSHBUTTONS:

Standby On Line Interrupt Local Here Is Alarm Light

PHYSICAL

SIZE:

WEIGHT: TEMPERATURE: ELECTRICAL:

#### PAPER TAPE READER

SPEED: TYPE: TAPE: CHANNELS: CONTROLS: 10, 15 and 30 characters per second Photoelectric 1" Fully Perforated Eight Off/Run Backspace/Load Skip Deletes Read or Omit Next Character Word Line Lock/Norm

#### PAPER TAPE PUNCH TYPE: TAPE: CHANNELS: CONTROLS:

Fully Perforating 1" Paper or Mylar Eight On/Off Backspace (Manual) Leader

PRINTER

Length—26 1/2" Width—20 3/8"

Height—7 1/2" 70 Pounds

+32F to +110F 120V Nominal,

60 Hz, 1 amp-printer 2.5 Amp-Reader and Punch



GE TermiNet 300 printers are available from many major suppliers of computers, computer time-sharing services, or data communication systems.

For all such installations, specify the General Electric TermiNet 300 printer.

In Canada, contact Canadian General Electric 125 Tycos Drive, Toronto, Ontario, Canada

CONSOLE WITH READER AND PUNCH

Length—42" Width—26"

Height-26"

189 Pounds

#### **TermiNet** 300 Data COMMUNICATION PRINTER

DATA COMMUNICATION PRODUCTS DEPARTMENT, WAYNESBORO, VIRGINIA 22980

GEA-8758B 6/71 15M

GENERAL 🍪 ELECTRIC

USASCII EIA Standard RS-232B/C 110, 150 and 300 Baud Full or Half-Duplex Asynchronous—Crystal Clocked Bell 103A, 103F, 103G, GE TDM 115, 114, 110, 111

Impact, Original plus 6 copies 10 Characters/Inch 6 Lines/Inch 75, 80 or 118 Positions Roll, Pin-Feed; or Sheets 8 1/2", 9 1/2" or 12 27/32" wide 94 Printable Graphics of USASCII Includes Upper and Lower Case 10, 15 and 30 characters per second Standard Business Machine