

GENERAL DESCRIPTION
TELETYPE MODEL 15
PAGE PRINTER SET

Component Units and Accessories

<u>Description</u>	<u>Sending Receiving Set</u>	<u>Receiving Only Set</u>
Model 15 page printer, consisting of:		
Typing unit	x	x
Base, complete with cords and plugs	x	x
Motor unit (synchronous or governed)	x	x
Set of gears	x	x
Sending keyboard	x	
Line relay	x	x
Cover	x	x
Cover front plate		
with opening for keyboard	x	
with no opening for keyboard		x
Copyholder	x	
Metal table, complete with felt pad and electrical receptacles, wired for convenient connection to power source and signal line.	x	x
Rectifier, complete with cords and plugs, for mounting on table shelf, to supply direct current for line relay biasing winding and local circuits of printer.	x	x (Used at alternating current stations)
Resistor assembly, 25 ohms, for mounting on table, to be connected in series in motor power leads.	x	x (Used only at 25 cycle alternating current stations)
Speed indicator (tuning fork) for setting motor speed.	x	x (Used only with governed motors)
Paper supply box, for mounting on rear of table, to hold continuous superfold forms.	x	x (Used only with sprocket feed printers)

General Features

Model 15 printers may be arranged for use on ordinary message communication circuits or on weather report circuits.

For ordinary message communication service, the "upper case" (or "figures") positions of the printing type and keyboard keys carry the ten digits and customary abbreviation and punctuation marks. The printer is adjusted to print 72 characters per line. An automatic remote motor control feature may be provided whereby the motors of all printers on the circuit may be started by momentarily opening the signal line and stopped by transmitting the "upper case H" signal combination from the keyboard at any station.

For weather report service, the "upper case" (or "figures") positions of the printing type and keyboard keys carry the ten digits and necessary weather symbols. The printer is arranged to print and space on the "upper case blank" combination, and suppresses printing and spacing on "lower case blank." The "carriage return" and "line feed" functions are effective in the "lower case" (or "letters") position only. The printer is adjusted to print 76 characters per line. The feature of automatic remote motor control over the signal line is not applicable to weather report printers, since all upper case character positions have been assigned to figures or symbols which are indispensable to weather report service.

Model 15 printers are normally equipped with friction feed platen arrangements for single copy printing. Paper may be fed from a continuous roll approximately five inches in diameter supported at the rear of the typing unit, inside the cover.

For multiple copy printing or accurate registration on forms, Model 15 printers may be equipped with sprocket feed platen arrangements. Continuous superfold forms with perforated edges may be fed from a paper box mounted on the rear of the table.

Power Arrangements

110 volt, 60 cycle synchronous motors may be used on 110 volt, 60 cycle alternating current power supplies and 110 volt, 50 cycle synchronous motors may be used on 110 volt, 50 cycle power supplies unless the frequency varies more than plus or minus .75%, in which case governed, series wound motor units should be used. For 110 volt 25 cycle alternating current installations, governed, series wound 60 cycle motor units are used, each with a 25 ohm resistor in series in the power leads. Shunt wound, governed motor units are used on 110 volt direct current power supplies.

Either REC-10 (normally furnished) or REC-12 rectifiers may be used for 110 volt 50 or 60 cycle alternating current stations; and either REC-20 (normally furnished) or REC-9 rectifiers may be used for 110 volt 25 cycle alternating current stations. These rectifiers differ in that the outputs of the REC-10 and REC-20 rectifiers are suitable for signal line battery as well as local battery, whereas the outputs of the REC-12 and REC-9 rectifiers are suitable for local circuits only.