

Kleinschmidt Commercial Products 1953

In 1931, soon after A. T. & T. had bought the Teletype Corporation and made it part of Western Electric, Edward E. Kleinschmidt left Teletype Corp. and founded Kleinschmidt Laboratories, Inc., where he continued to do consulting work for Teletype Corp. for a few years.

During WWII, the US Signal Corps realized the importance of teletypewriter communications, but needed something more “tactical” and lighter weight than the Teletype Corp. Model 15. Edward E. Kleinschmidt came out of retirement, resurrected Kleinschmidt Laboratories and produced a new, tactical, teletypewriter. In 1949, Kleinschmidt Laboratories Inc. was awarded the contract for the TT-4 teletypewriter and KLI became the primary supplier of teletypewriters to the US Army & Air Force for the next 30 years.

Although KLI had a large amount of sales to the military, they did not want to be tied only to military sales, so they offered civilian versions of some of their military products. They apparently did not do too well in the commercial market, since you don't see many of these civilian versions today. (The AWA Museum does have a commercial Kleinschmidt Model 112B Typing Reperforator, which is similar to the military TT-345.)

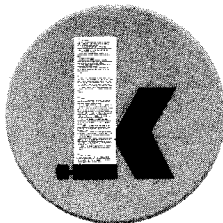
The following letter was sent out explaining the commercial models available in 1953. Note that the company name is just “Kleinschmidt, Inc”. This may have been a separate division for commercial sales. The letter includes actual photographs of the commercial product lines, except that there is no photo of the Model 150 page printer. Instead, a photo of the Model 120 reperforator is erroneously in its place.

Equivalence between commercial & military model numbers:

<u>Commercial Model</u>	<u>Military family</u>
Model 116 – Reperforator	~ TT-230 ??
Model 120 – Reperforator & Tape Transmitter	TT-76
Model 140 – Tape Transmitter	TT-122
Model 150 – Teleprinter	TT-98
Model 155 – Teleprinter	TT-4

Duncan Brown, K2OEQ
USASA 31J30
Antique Wireless Association Museum Asst. Curator, Commercial Equipment
(also Chief TTY operator & repairman)
<http://www.antiquewireless.org/>

Jan. 2015



KLEINSCHMIDT, inc. • county line road • deerfield, illinois • phone deerfield 1000

November 25, 1953

ument Corporation

I would like to apologize for the delay in answering your letter of November 9th. As requested, we are pleased to enclose herewith photographs, specification sheets and price lists covering the following equipments:

Model 116 - Kleinschmidt Receiving Only Reperforator

Model 120 - Kleinschmidt Reperforator & Tape Transmitter

Model 140 - Kleinschmidt Tape Distributor

Model 150 - Kleinschmidt Teleprinter

Model 155 - Kleinschmidt Teleprinter

Kleinschmidt Teleprinters have been designed for ease of maintenance. The equipment consists of seven major sub-assemblies which can be removed without affecting the adjustments. The equipment is compact, light in weight and designed for continuous operation at 100 wpm or 600 opm. Kleinschmidt Teleprinters are compatible with other existing equipments for operation at 60, 66, 75 or 100 wpm.

The enclosures briefly describe the various characteristics of our equipment, however, in order to acquaint you more fully we would appreciate the opportunity of demonstrating the units to you at your convenience.

November 25, 1953

We are currently in the process of establishing representation in your area and will arrange for a representative to call on you shortly. In the meantime, if there is any additional information required, it will be supplied at your request.

Yours very truly,

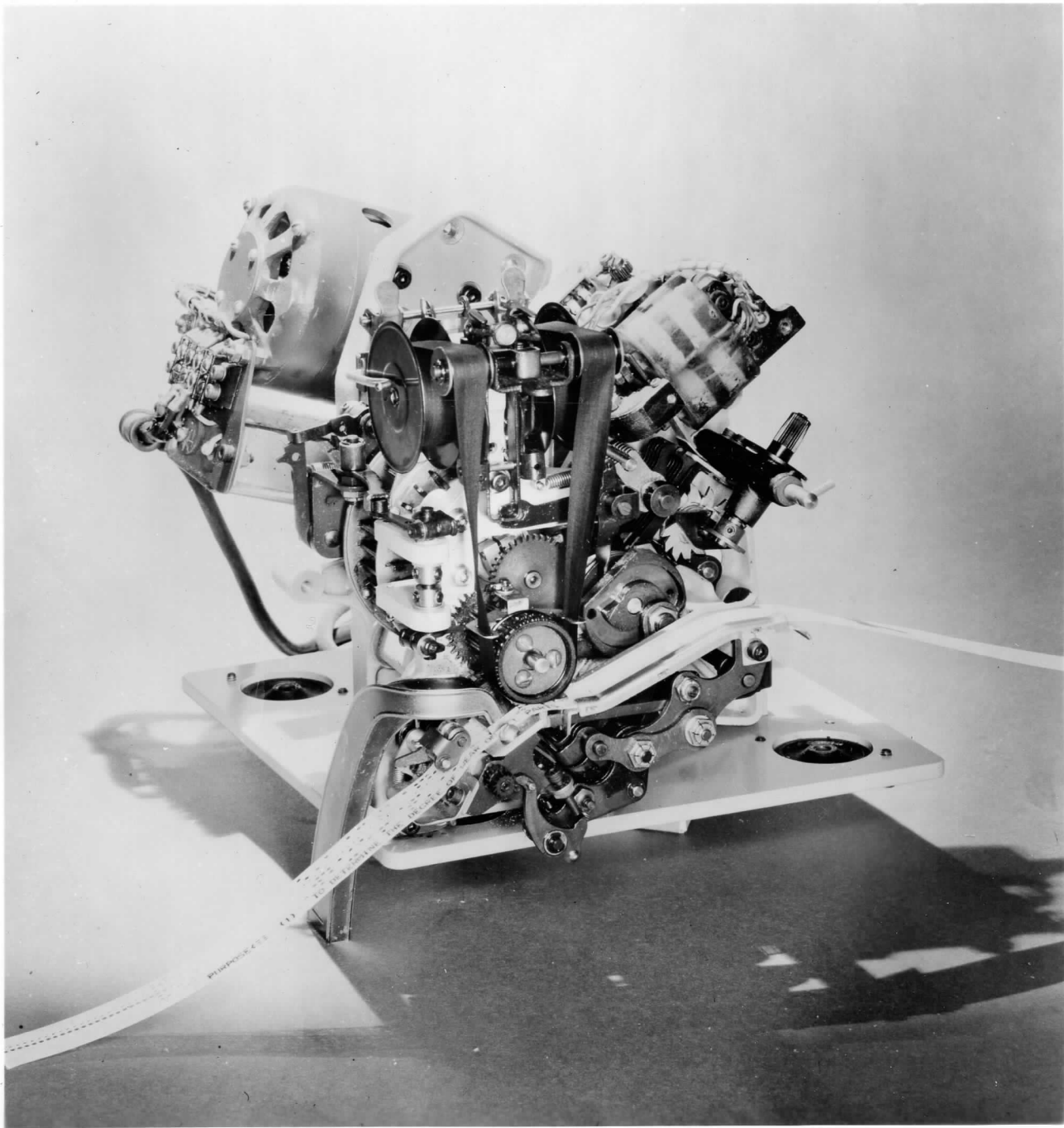
KLEINSCHMIDT, INC.

A handwritten signature in black ink, appearing to read 'E. E. Mead', with a large, decorative flourish extending to the left.

E. E. Mead
Vice President

EEM:jk

encls.



TYPING REPERFORATOR
MODEL 116



KLEINSCHMIDT, INC.
Deerfield, Illinois

KLEINSCHMIDT, INC.

Deerfield, Illinois

General Specifications

Typing Reperforator Teleprinter Model 116

Receives 60, 75, 100, or 115 words per minute.

Operates on 20-60 MA neutral or 10-60 MA polar lines.

Equipped with polar neutral selector magnet.

Prints on and perforates in chad tape 7/8 inches wide.

Motor: Synchronous 115 V 60 cycle A.C.

Weight: 20 lbs.

Height: 8-1/2 inches Width: 9-3/8 inches Depth: 11-1/2 inches

Finish: Semi-gloss gray enamel

October 1, 1953



TYPING REPERFORATOR &
TAPE TRANSMITTER
MODEL 120



KLEINSCHMIDT, INC.
Deerfield, Illinois

KLEINSCHMIDT, INC.

Deerfield, Illinois

General Specifications

Typing Reperforator Teleprinter Model 120

Transmits and receives 60 to 100 words per minute.

Operates on 20-60 MA neutral or 10-60 MA polar lines.

Prints on and perforates in chad tape 7/8 inches wide.

Tape transmitter transmits from chad tape 7/8 inches in width or from chadless tape 11/16 inches in width.

Tape transmitter equipped with tight-tape stop, end-of-tape stop, and start-stop switch.

Equipped to repeat any letter or function transmitted from keyboard.

Equipped with end-of-line indicator with visual and audible signal to notify operator the number of characters perforated.

Equipped with backspace mechanism and audible tape out alarm.

Equipped with manual tape out mechanism which is mechanically disabled on the reception of an incoming message.

Tape roll holder accommodates a roll of tape with a capacity of approximately 20,000 words.

Three position circuit selector switch for quick switching facilities and line hook-ups.

Built in local test circuit.

Power supply unit which supplies D.C. for local operation.

Suppressed for radio interference

Motor: Series governed 115 V A.C. or D.C.

Weight: 60 lbs.

Height: 11 inches Width: 19-1/2 inches Depth: 18 inches

Finish: Ripple gray wrinkle

Table: Height: 26-1/2 in. Width: 20-3/4 in. Depth: 22 in.

Weight: 17 lbs.

October 1, 1953



TAPE TRANSMITTER
MODEL 140



KLEINSCHMIDT, INC.
Deerfield, Illinois

KLEINSCHMIDT, INC.

Deerfield, Illinois

General Specifications

Tape Transmitter Model 140

Transmits 60 to 100 words per minute.

Operates on 20-60 MA neutral or 10-60 MA polar lines.

Transmits from chad or chadless tape 11/16 or 7/8 inches wide.

Motor - Synchronous 115 V 60 cycle A.C.

Manual controls - Motor on-off toggle switch. 3-position lever starts transmitter, stops transmitter and retracts feed claw for tape insertion.

Automatic control - tight tape switch to stop transmitter.

Dimensions - 8-1/4 inches wide, 9 inches deep, 6-1/2 inches high.

Finish - Ripple gray wrinkle.

Weight - 16 lbs.

October 1, 1953



TYPING REPERFORATOR &
TAPE TRANSMITTER
MODEL 120



KLEINSCHMIDT, INC.
Deerfield, Illinois

KLEINSCHMIDT, INC.

Deerfield, Illinois

General Specifications

Teleprinter Model 150

Transmits and receives 60, 66, 75 and 100 words per minute.

Operates on 20-60 MA neutral or 10-60 MA polar lines.

Prints on paper roll; fanfold paper; or sprocket fed forms.

Prints 1-6 copies on paper roll and 1-10 copies on sprocket fed fanfold paper both 8-1/2 inches in width.

Adjusts for single or double line feed.

Equipped with manual line feed, carriage return and letters unshift.

Equipped to repeat any letter or function transmitted from keyboard.

Suppressed for radio interference.

Built in rectifier power supply unit.

Motor: Synchronous 115 V 60 cycle A.C.

Weight: 55 lbs.

Height: 11-1/2 inches Width: 16-3/4 inches Depth: 20-1/4 inches

Finish: Ripple gray wrinkle

Optional Features

Automatic motor stop on upper case "H".

Automatic carriage return and line feed.

Take-up reel to store paper roll copy.

Friction feed platen.

Large size adjustable copy holder.

October 1, 1953

KLEINSCHMIDT, INC.

Deerfield, Illinois

General Specifications

Teleprinter Model 155

Transmits and receives 60, 66, 75 and 100 words per minute.

Operates on 20-60 MA neutral or 10-60 MA polar lines.

Equipped with communication keyboard which can repeat any letter or function transmitted when desired.

Equipped with friction feed platen and prints on paper roll or fanfold paper both 8-1/2 inches in width.

Equipped with copy lights which illuminate printed copy.

Equipped with manual line feed and carriage return.

Adjusts for single or double line feed.

Suppressed for radio interference.

Motor: Synchronous 115 V 60 cycle A.C.

Weight: 45 lbs.

Height: 11 inches Width: 16-1/2 inches Depth: 20-1/2 inches

Finish: Ripple gray wrinkle

October 1, 1953

KLEINSCHMIDT, INC.

Deerfield, Illinois

PRICE LIST

<u>MODEL NO.</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
100-A	Kleinschmidt Portable Teleprinter	\$ 1,350.00 each
116	Kleinschmidt Receiving Only Reperforator	\$ 650.00 each
120	Kleinschmidt Reperforator and Tape Transmitter	\$ 1,400.00 each
140	Kleinschmidt Tape Distributor	\$ 300.00 each
150	Kleinschmidt Teleprinter	\$ 1,400.00 each
155	Kleinschmidt Teleprinter	\$ 1,250.00 each

Prices in effect as of October 15, 1953