

Teletype Corporation  
P.D. No. 130  
Change 11  
Dated October 1, 1969

Price Each Set	<u>\$1,336.00</u>	Net
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## Equipment Features and Components

### Description

Teletype Corporation Model 28 Assembled Compact Send-Receive Page Printer Set (VSL510BR) with these features:

Five-level, 7.42 unit code  
Arranged for 20 or 60 MA neutral operation  
8-1/2" Width friction feed platen  
Signal bell on upper case "S"

Standard communications type box and three-row keytop arrangement (Slash "O" on upper case "P")

Unshift-on-space may be disabled if desired

Signal bell assembly (mounted on typing unit)

Repeat character and space mechanisms

Electrical signal line break mechanism

Automatic carriage return and line feed

Local line feed and carriage return

Keyboard: Provides parallel output into a sequential distributor

Wiring provided for synchronous pulse

Base: Equipped with time delay motor stop mechanism and 3-speed gearshift for 45.5, 50.0 and 74.2 Baud operation

110 V 50 cycle synchronous motor unit

Three-tone color combination:

1. Keyboard finished in smooth greige

2. Keyboard Base finished in smooth charcoal gray
3. Table style cover finished in smooth light gray

### General Information

The set is a combination of two standard Teletype lines of equipment; the typing unit is a Model 28, the keyboard unit a Model 32 and the sequential distributor a Model 28 LD unit.

Utilization of high volume standard line production components provides a high degree of interchangeability of parts, thus simplifying the parts logistics and field maintenance problems for a new operating set.

Keyboard can be removed and operated at locations adjacent to the main printer set by lengthening the keyboard cable. There is no mechanical connection between the keyboard and the typing unit. Cable furnished with set is long enough to remove keyboard for operational maintenance check immediately adjacent to the typing unit.

Interoperates with existing teletypewriters having corresponding features.

Approximate set dimensions are as follows:

Width	-	16-3/8"
Depth	-	16-1/4"
Height	-	10-1/4"
Weight	-	55 lbs. approximate

Teletype Corporation  
P.D. No. 130 (Continued)  
Change 11  
Dated October 1, 1969

	<u>Components</u>	<u>Price Each Net</u>
LP111RN/AY	Typing Unit . . . . .	\$ 720.00
LLK3CRL	Keyboard . . . . .	413.00
LMU51	Motor Unit . . . . .	69.00
LPC400BR	Cover . . . . .	113.00
	Assembly Charge . . . . .	21.00
284B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1197B	Bulletin . . . . .	--

Note: Does not include electrical facilities such as electrical motor control relay and line shunt switch (for mounting external to the page printer set)

Teletype Corporation  
P.D. No. 131  
Change 11  
Dated October 1, 1969

Price Each Set <u>\$ 1,181.00</u> Net
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Equipment Features and Components

Description

Teletype Corporation Model 28 Assembled Compact Receive-Only Page Printer Set (VSL501BR) with these features:

Five-level, 7.42 unit code

Arranged for 20 or 60 MA neutral operation

8-1/2" Width friction feed platen

Signal bell on upper case "S"

Standard communications type box (Slash "O" on upper case "P")

Unshift-on-space may be disabled if desired

Signal bell assembly (mounted on typing unit)

Automatic carriage return and line feed

Local line feed and carriage return

Base: Equipped with time delay motor stop mechanism and 3-speed gearshift for 45.5, 50.0 and 74.2 Baud operation

110 V 60 cycle synchronous motor unit

Three-tone color combination:

1. Base Cover Plate finished in smooth greige
2. Base finished in smooth charcoal gray
3. Table style cover finished in smooth light gray

General Information

Utilization of high volume standard line production components provides a high degree of interchangeability of parts, thus simplifying the parts logistics and field maintenance problems for a new operating set.

Interoperates with existing teletypewriters having corresponding features.

Approximate set dimensions are as follows:

Width - 16-3/8"

Depth - 16-1/4"

Height - 10-1/4"

Weight - 55 lbs. approximate

Teletype Corporation

P. D. No. 131 (Continued)

Change 11

Dated October 1, 1969

		<u>Components</u>	<u>Price Each Net</u>
LP111RN/AY	Typing Unit	.....	\$ 720.00
LLB1	Base	.....	263.00
LMU37	Motor Unit	.....	66.00
LPC401BR	Cover	.....	111.00
	Assembly Charge	.....	21.00
284B	Bulletin	.....	--
295B	Bulletin	.....	--
1197B	Bulletin	.....	--

Note: Does not include electrical facilities such as electrical motor control relay and line shunt switch (for mounting external to the page printer set)

Teletype Corporation

P.D. No. 132

Change 11

Dated October 1, 1969

Price Each Set \$ 1,188.00 Net

Equipment Features and Components

Description

Teletype Corporation Model 28 Assembled Compact Receive-Only Page Printer Set (VSL509BR) with these features:

Five-level, 7.42 unit code

Arranged for 20 or 60 MA neutral operation

8-1/2" Width friction feed platen

Signal bell on upper case "S"

Standard communications type box  
(Slash "O" on upper case "P")

Unshift-on-space may be disabled if  
desired

Signal bell assembly (mounted on typing  
unit)

Automatic carriage return and line feed

Local line feed and carriage return

Base: Equipped with time delay motor  
stop mechanism and 3-speed  
gearshift for 45.5, 50.0 and  
74.2 Baud operation

110 V 50 cycle synchronous motor unit.

Three-tone color combination:

1. Base Cover Plate finished in smooth  
greige
2. Base finished in smooth charcoal  
gray
3. Table style cover finished in smooth  
gray

General Information

Utilization of high volume standard line  
production components provides a high  
degree of interchangeability of parts,  
thus simplifying the parts logistics and  
field maintenance problems for a new  
operating set.

Interoperates with existing teletypewriters  
having corresponding features.

Approximate set dimensions are as  
follows:

Width - 16-3/8"

Depth - 16-1/4"

Height - 10-1/4"

Weight - 55 lbs. approximate

Teletype Corporation  
P.D. No. 132 (Continued)  
Change 11  
Dated October 1, 1969

		<u>Price Each Net</u>
LP111RN/AY	Typing Unit .....	\$ 720.00
LLB2	Base .....	267.00
LMU51	Motor Unit .....	69.00
LPC401BR	Cover .....	111.00
	Assembly Charge .....	21.00
284B	Bulletin .....	--
295B	Bulletin .....	--
1197B	Bulletin .....	--

Note: Does not include electrical facilities such as electrical motor control relay and line shunt switch (for mounting external to the page printer set)

Teletype Corporation  
P.D. No. 133  
Change 11  
Dated October 1, 1969

Price Each Set \$ 585.00 Net

### Equipment Features and Components

#### Description

Teletype Corporation Model 32TK Standard Duty Send-Receive Page Printer Set (Private Line Version) with these features:

Five-Level code, 7.50 unit basis (1.5 unit stop pulse)	Selector magnet driver wired for .060 amperes. Can accept .020 or .040 amperes with proper wiring (strapping)
8-1/2" friction feed platen capable of handling one or two ply paper (maximum roll diameter 5")	Two-tone cover: Ivory and greige
Two-color printing controlled by the send-receive mode	Standard Teletype nameplate
Communications type wheel arrangement with associated four row keyboard layout (CCITT No. 2)	Copyholder
115V AC 50 cycle synchronous motor unit with gears for 66 wpm (50.0 Bauds)	On-Off Local Switch
Adjusted for 72 character line	Answer-back mechanism (20 character) actuated by either the "Here-is" key or receipt of upper case "D"
Horizontal spacing 10 characters per inch	Answer back drum to be coded by the customer
Vertical spacing 6 lines per inch	Line break key
Time delay motor control	Wiring provisions for optional full duplex operation
Power supply for local operation of set	Sheet metal stand with greige color finish
	Signal bell on upper case "J"

#### General Information

Interoperates with existing teletypewriters having corresponding features	One copy each of Bulletins 309B Vol. 1, 309B Vol. 2, and 1210B furnished with each set
Fewer options possible compared to Model 28 Heavy Duty equipment	Set shipped completely assembled less stand
Actual and schematic wiring diagrams packaged with set	
Special function keys; "Here-is, Repeat, and Line break"	For applications requiring a broader range of features, the Teletype Model 28 line of equipment is recommended.

Teletype Corporation

P.D. No. 133 (Continued)

Change 11

Dated October 1, 1969

Dimensions

Complete set less stand:

Width - 18-5/8" (47.2 cm)

Depth - 18-1/2" (47.0 cm)

Height - 8-3/8" (21.2 cm)

Weight - 40 lbs.

Stand: (Supports Teletypewriter)

Width - 17-3/4" (45.0 cm)

Depth (at Top) - 8" (20.3 cm)

Depth (at Bottom) - 6-1/2" (16.5 cm)

Height - 24-1/2" (62.1 cm)

Weight - 12 lbs.



Teletype Corporation

P.D. No. 134

Change 11

Dated October 1, 1969

Price Each Set <u>\$ 541.00</u> Net
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Equipment Features and Components

Description

Teletype Corporation Model 32TAH Standard Duty Receive-Only Page Printer Set (Private Line Version) with these features:

Five-level code, 7.50 unit basis (1.5 unit stop pulse)

8-1/2" friction feed platen capable of handling one or two ply paper (maximum roll diameter 5")

Two-color printing

Communications type wheel arrangement (CCITT No. 2)

115 V AC 50 cycle synchronous motor unit with gears for 66 wpm (50.0 Bauds)

Adjusted for 72 character line

Horizontal spacing 10 characters per inch  
Vertical spacing 6 lines per inch

Time delay motor control

Signal bell on upper case "J"

Selector magnet driver wired for .060 amperes. Can accept .020 or .040 amperes with proper wiring (strapping)

Two-tone cover; ivory and greige

Standard Teletype nameplate

Answer back mechanism (20 character) actuated on receipt of upper case "D"

Answer back drum to be coded by the customer

Sheet metal stand with greige color finish

General Information

Interoperates with existing teletypewriters having corresponding features

Fewer options possible compared to Model 28 Heavy-Duty equipment

Actual and schematic wiring diagrams packaged with set

Set shipped completely assembled less stand

For applications requiring a broader range of features, the Teletype Model 28 line of equipment is recommended.

One copy each of Bulletins 309B Vol. 1, 309B Vol. 2, and 1210B furnished with each set

Stand: (Supports Teletypewriter)

Width	17-3/4"	(45.0 cm)
Depth (at Top)	8"	(20.3 cm)
Depth (at Bottom)	6-1/2"	(16.5 cm)
Height	24-1/2"	(62.1 cm)
Weight	12 lbs.	

Dimensions

Complete set less stand:

Width	18-5/8"	(47.2 cm)
Depth	18-1/2"	(47.0 cm)
Height	8-3/8"	(21.2 cm)
Weight	40 lbs.	

Teletype Corporation  
P.D. No. 135  
Change 11  
Dated October 1, 1969

Price Each Set	<u>\$ 770.00</u>	Net
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### Equipment Features and Components

#### Description

Teletype Corporation Model 32TAJ Standard Duty Send-Receive Page Printer Set with Tape Perforator and Reader (Private Line Version) with these features:

#### Set Features (Less Punch and Reader)

Five-level, 7.50 unit code (1.5 unit stop pulse)  
8-1/2" friction feed platen capable of handling one or two ply paper (maximum roll diameter 5")  
Two color printing controlled by the Send-Receive mode  
Communications type wheel arrangement with associated four row keyboard layout (CCITT No. 2)  
115 V AC 50 cycle synchronous motor unit  
Gears for 66 wpm operation (50.0 Bauds)  
Adjusted for 72 character line  
Horizontal spacing 10 character per inch  
Vertical spacing 6 lines per inch  
Power supply for local operation of set  
Signal bell on upper case "J"  
Selector magnet driver wired for .060 amperes. Can accept .020 or .040 amperes with proper wiring (strapping)  
Time delay motor control mechanism  
Two-tone cover: Ivory and Greige  
Standard Teletype nameplate  
Copyholder  
On-off local switch  
Answer-back mechanism (20 character) actuated by either the "here-is" key or receipt of upper case "D".

Answer-back drum to be coded by the customer

Line break key

Wiring provisions for optional full duplex operation

Sheet metal stand with greige color finish

Removable chad box (Designed for attaching to stand)

#### Tape Reader Features

3-way operating switch for start, stop and free position

"End-of-Tape" mechanism to shut down reader

Feed sensing electromagnet is pulsed by the distributor

Power pack assembly

Parallel wire output to distributor

Operating sequence; reads tape and feeds

Capable of reading either fully perforated or chadless tapes

#### Tape Punch Features

Four operating buttons, "OFF", "ON", "BACKSPACE", and "RELEASE"

1" core for tape supply

Fully perforated 5-level code holes and feed hole

"V" shaped tape tearoff

Operating sequence; feed and punch

Teletype Corporation  
P.D. No. 135 (Continued)  
Change 11  
Dated October 1, 1969

General Information:

Interoperates with existing teletypewriters having corresponding features

Fewer options possible compared to Model 28 Heavy-Duty Equipment

Special function keys; "Here-is, Repeat, and Line Break"

Prints maltese cross on upper case "D" (originating unit only)

Actual and schematic wiring diagrams packaged with set

Set shipped completely assembled less stand and chad box

For applications requiring a broader range of features, the Teletype Model 28 line of equipment is recommended.

One copy each of Bulletins 309B Vol. 1, 309B Vol. 2, and 1210B furnished with each set

Dimensions

Complete set less stand:

Width	22"	(55.8 cm)
Depth	18-1/2"	(47.0 cm)
Height	8-3/8"	(21.2 cm)
Weight	44 lbs.	

Stand: (Supports Teletypewriter)

Width	17-3/4"	(45.0 cm)
Depth (at Top)	8"	(20.3 cm)
Depth (at Bottom)	6-1/2"	(16.5 cm)
Height	24-1/2"	(62.1 cm)
Weight	12 lbs.	

Teletype Corporation

P.D. No. 136

Change 11

Dated October 1, 1969

Price Each Set \$1,074.70 Net

Equipment Features and Components

Description

Teletype Corporation Unassembled Model 28 Receive-Only Typing Reperforator Set with these features:

5-level, 7.42 unit code	Double plate base with vibration mounts
11/16" width fully perforated tape output with printing between the feed holes	110V 60 cycle synchronous motor with gears for 60, 75 or 100 words-per-minute operation (45.5, 56.9 and 74.2 Bauds)
Communications type wheel arrangement BRP	Electrical service unit with line relay mounting, line shunt relay, 120V DC, 120 MA rectifier, signal bell and connecting cable
Unshift on space	Line relay
Code reading and transfer type auxiliary contacts	Table and cover - gray-green textured vinyl finish

Components

Price Each Net

LPR46BRP	Typing Reperforator . . . . .	\$ 587.00
LRB30	Base . . . . .	120.00
LESU12	Electrical Service Unit . . . . .	106.00
LRC200GA	Cover . . . . .	72.00
LT200GA	Table . . . . .	79.00
LMU3	Motor Unit . . . . .	50.00
*161654	Set of Gears 60 wpm . . . . .	6.30
*161655	Set of Gears 75 wpm . . . . .	6.30
*161656	Set of Gears 100 wpm . . . . .	6.30
RY33	Line Relay . . . . .	25.90
179252	Modification Kit (Chad Disposal - LPR) . . . . .	8.70
176615GA	Modification Kit (Chad Disposal - LRB) . . . . .	7.20
246B	Bulletin . . . . .	--
247B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1167B	Bulletin . . . . .	--
259B	Bulletin . . . . .	--
1174B	Bulletin . . . . .	--
50050S	Specification . . . . .	--
50109S	Specification . . . . .	--

\*Each set of gears not required will result in a reduction in the above net price.

Teletype Corporation

P.D. No. 136A

Change 11

Dated October 1, 1969

Price Each Set \$ 739.00 Net

Equipment Features and Components

Description

Teletype Corporation Unassembled Model 28 Receive-Only Nontyping Reperforator Set with these features:

<p>Five-level, 7.42 unit code</p> <p>11/16" width fully perforated tape output</p> <p>Chad chute</p> <p>Double plate base with vibration mounts</p> <p>110 V 60 cycle synchronous motor with gears for 60, 75 or 100 words-per-minute operation (45.5, 56.9 and 74.2 Bauds)</p>	<p>Electrical service unit with line relay mounting, line shunt relay, 120 V DC, 120 MA rectifier, signal bell and connecting cable</p> <p>Line relay</p> <p>Table and cover - gray-green textured vinyl finish</p>
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Components

		<u>Price Each Net</u>
LRPE10	Nontyping Reperforator .....	\$ 260.00
LRB30	Base .....	120.00
LESU12	Electrical Service Unit .....	106.00
LRC200GA	Cover .....	72.00
LT200GA	Table .....	79.00
LMU3	Motor Unit .....	50.00
* 161654	Set of Gears 60 wpm .....	6.30
* 161655	Set of Gears 75 wpm .....	6.30
* 161656	Set of Gears 100 wpm .....	6.30
RY33	Line Relay .....	25.90
176615GA	Modification Kit (Chad Disposal - LRB) .....	7.20
246B	Bulletin .....	--
247B	Bulletin .....	--
295B	Bulletin .....	--
1167B	Bulletin .....	--
259B	Bulletin .....	--
1174B	Bulletin .....	--
50050S	Specification .....	--

\* Each set of gears not required will result in a reduction in the above net price.

Teletype Corporation  
P.D. No. 137  
Change 11  
Dated October 1, 1969

Price Each Set \$1,101.80 Net

Equipment Features and Components

Description

Teletype Corporation Unassembled Model 28 Receive-Only Typing Reperforator Set with these features:	
Five-level, 7.42 unit code	Double plate base with vibration mounts
11/16" width fully perforated tape output with printing between the feed holes	110 V 60 cycle synchronous motor with gear shift mechanism for 60, 75 or 100 words-per-minute operation (45.5, 56.9 and 74.2 Bauds)
Communications type wheel arrangement BRP	
Unshift on space	Electrical service unit with line relay mounting, line shunt relay, 120 V DC, 120 MA rectifier, signal bell and connecting cable
Code reading and transfer type auxiliary contacts	Line relay
Automatic letters noninterfering tape feed-out (adjustable from .5 to 18 inches)	Table and cover - gray-green textured vinyl finish

Components

		<u>Price Each Net</u>
LPR46BRP	Typing Reperforator . . . . .	\$ 587.00
LRB21	Base . . . . .	166.00
LESU12	Electrical Service Unit . . . . .	106.00
LRC200GA	Cover . . . . .	72.00
LT200GA	Table . . . . .	79.00
LMU3	Motor Unit . . . . .	50.00
RY33	Line Relay . . . . .	25.90
179252	Modification Kit (Chad Disposal - LPR) . . . . .	8.70
176615GA	Modification Kit (Chad Disposal - LRB) . . . . .	7.20
246B	Bulletin . . . . .	--
247B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1167B	Bulletin . . . . .	--
259B	Bulletin . . . . .	--
1174B	Bulletin . . . . .	--
50050S	Specification . . . . .	--
50109S	Specification . . . . .	--

Teletype Corporation  
 P.D. No. 137A  
 Change 11  
 Dated October 1, 1969

Price Each Set \$ 766.10 Net

Equipment Features and Components

Description

Teletype Corporation Unassembled Model 28 Receive-Only Nontyping Reperforator Set with these features:

Five-level, 7.42 unit code	Electrical service unit with line relay mounting, line shunt relay, 120 V DC, 120 MA rectifier, signal bell and connecting cable
11/16" width fully perforated tape output	
Double plate base with vibration mounts	
110 V 60 cycle synchronous motor with gear shift mechanism for 60, 75 or 100 words-per-minute operation (45.5, 56.9 and 74.2 Bauds)	Line relay
	Table and cover - gray-green textured vinyl finish

Components

		<u>Price Each Net</u>
LRPE10	Nontyping Reperforator .....	\$ 260.00
LRB21	Base .....	166.00
LESU12	Electrical Service Unit .....	106.00
LRC200GA	Cover .....	72.00
LT200GA	Table .....	79.00
LMU3	Motor Unit .....	50.00
RY33	Line Relay .....	25.90
176615GA	Modification Kit (Chad Disposal - LRB) .....	7.20
246B	Bulletin .....	--
247B	Bulletin .....	--
295B	Bulletin .....	--
1167B	Bulletin .....	--
259B	Bulletin .....	--
1174B	Bulletin .....	--
50050S	Specification .....	--

Teletype Corporation  
P.D. No. 140  
Change 11  
Dated October 1, 1969

Price Each Set \$ 912.00 Net

Equipment Features and Components

Description

Teletype Corporation Model 33TR Standard Duty Send-Receive Page Printer Set with Numeric Keyboard, Tape Perforator and Reader with these features:

Set Features (Less Punch and Reader)

Eight-level code, 11.0 unit basis (1.0 unit start and 2.0 unit stop pulse)

8-1/2" friction feed platen capable of handling one or two ply paper (maximum roll diameter 5 inches)

Data communications typewheel (ASCII Code) and 4-row numeric keytop arrangement to allow only transmission of numeric and control information. Capable of receiving alpha-numeric information. (Similar to adding machine layout)

115 V AC 60 cycle synchronous motor unit  
Gears for 100 wpm operation (110.0 Bauds)

Horizontal spacing 10 characters per inch

Vertical spacing 3 or 6 lines per inch

Function box "on-line" operation of line feed, carriage return, bell, WRU, EOT and EOM

500 MA Selector magnet coils

Space suppression at end-of-line

Adjusted for 72 character line

Repeat key

Rubout key

Generates "even" vertical parity

500 MA selector magnet driver with associated rectifier

Two-tone cover; Ivory and greige

Standard Teletype nameplate

Call control unit to provide station selection through telephone plant utilizing Data Set (not furnished by Teletype) includes:

1. No Dial
2. Control Buttons
3. Amplifier and speaker with volume control
4. Ringer and lamps
5. Telephone loop termination
6. Power supply transformers
7. Restrain and break lamp
8. Break release mechanism
9. Interconnection facilities

Answer-back mechanism (20 character) actuated by either remote code signal or an electrical pulse from the control unit

Answer-back drum to be coded by the customer

Low paper alarm and convenience outlet (physically mounted in call control unit)

Copyholder

Elapsed Timer for recording in hours length of time the equipment has been in operation (activated and deactivated upon starting and stopping of the motor)

Sheet metal stand (Supports teletypewriter)



Teletype Corporation  
P.D. No. 140 (Continued)  
Change 11  
Dated October 1, 1969

Tape Readers Features

Three-way operating switch for start, stop and a free position

"End-of-tape" mechanism to shut down reader

Feed sensing electromagnet is pulsed by the distributor

Power pack mounted in the sheet metal stand

Parallel wire output to distributor

Operating sequence: Reads tape and feeds

Capable of reading fully perforated tape

General Information

Interoperates with existing teletypewriters having corresponding features

Fewer options possible compared to Model 35 Heavy-Duty Equipment

Actual and schematic wiring diagrams packaged with set

Set shipped completely assembled less stand and chad box

For applications requiring a broader range of features, the Teletype Model 35 line of equipment is recommended.

The above equipment requires a channel capable of handling 110.0 Bauds (Bits per second) for operation at 100 WPM.

One copy each of Bulletins 310B Vol. 1, 310B Vol. 2, and 1184B furnished with each set

Tape Punch Features

Four operating buttons "OFF", "ON", "BACKSPACE" and "RELEASE"

1" core for tape supply

Fully perforated 8-level code holes and feed hole

Removable chad box

"V" shaped tape tearoff

Operating sequence: feed and punch

Dimensions

Complete set less stand:

Width	22"
Depth	18-1/2"
Height	8-3/8"
Weight	44 lbs.

Stand: (Supports Teletypewriter)

Width	17-3/4"
Depth (at Top)	8"
Depth (at Bottom)	6-1/2"
Height	24-1/2"
Weight	12 lbs.

Teletype Corporation  
P.D. No. 140A  
Change 11  
Dated October 1, 1969

Price Each Set <u>\$ 917.00</u> Net
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Equipment Features and Components

Description

Teletype Corporation Model 33G1 Standard Duty Send-Receive Page Printer Set with Numeric Keyboard, Tape Perforator and Reader with these features:

Set Features (Less Punch and Reader)

Eight-level code, 11.0 unit basis (1.0 unit start and 2.0 unit stop pulse)

8-1/2" friction feed platen capable of handling one or two ply paper (maximum roll diameter 5 inches)

Data communications typewheel (ASCII Code) and 4-row numeric keytop arrangement to allow only transmission of numeric and control information. Capable of receiving alpha-numeric information. (Similar to touch tone dial layout)

115 V AC 60 cycle synchronous motor unit

Gears for 100 wpm operation (110.0 Bauds)

Horizontal spacing 10 characters per inch

Vertical spacing 3 or 6 lines per inch

Function box "on-line" operation of line feed, carriage return, bell, WRU, EOT and EOM

500 MA Selector magnet coils

Space suppression at end-of-line

Adjusted for 72 character line

Generates "even" vertical parity

Repeat key

Rub-out key

500 MA selector magnet driver with associated rectifier

Two-tone cover; Ivory and greige

Standard Teletype nameplate

Call control unit to provide station selection through telephone plant utilizing Data Set (not furnished by Teletype) includes:

- \* 1. Rotary Dial
- 2. Control Buttons
- 3. Amplifier and speaker with volume control
- 4. Ringer and lamps
- 5. Telephone loop termination
- 6. Power supply transformers
- 7. Restrain and break lamp
- 8. Break release mechanism
- 9. Interconnection facilities

Answer-back mechanism (20 character) actuated by either remote code signal or an electrical pulse from the control unit

Answer-back drum to be coded by the customer

Low paper alarm and convenience outlet (physically mounted in call control unit)

Copyholder

Elapsed Timer for recording in hours length of time the equipment has been in operation (activated and deactivated upon starting and stopping of the motor)

Sheet metal stand (Supports teletypewriter)

Teletype Corporation  
P.D. No. 140A (Continued)  
Change 11

Dated October 1, 1969

#### Tape Readers Features

Three-way operating switch for start, stop and a free position

"End-of-tape" mechanism to shut down reader

Feed sensing electromagnet is pulsed by the distributor

Power pack mounted in the sheet metal stand

Parallel wire output to distributor

Operating sequence: Reads tape and feeds

Capable of reading fully perforated tape

#### General Information

Interoperates with existing teletypewriters having corresponding features

Fewer options possible compared to Model 35 Heavy-Duty Equipment

Actual and schematic wiring diagrams packaged with set

Set shipped completely assembled less stand and chad box

For applications requiring a broader range of features, the Teletype Model 35 line of equipment is recommended.

The above equipment requires a channel capable of handling 110.0 Bauds (Bits per second) for operation at 100 WPM

One copy each of Bulletins 310B Vol. 1, 310B Vol. 2, and 1184B furnished with each set

#### Tape Punch Features

Four operating buttons "OFF", "ON", "BACKSPACE" and "RELEASE"  
1" Core for tape supply

Fully perforated 8-level code holes and feed hole

Removable chad box

"V" shaped tape tearoff

Operating sequence: feed and punch

#### Dimensions

Complete set less stand:

Width	22"
Depth	18-1/2"
Height	8-3/8"
Weight	44 lbs.

Stand: (Supports Teletypewriter)

Width	- 17-3/4"
Depth (at Top)	- 8"
Depth (at Bottom)	- 6-1/2"
Height	- 24-1/2"
Weight	- 12 lbs.

#### Optional Equipment Sets

1. Model 33G2 at \$938.00 net each - Same as Model 33G1 except has Touch-Tone Dial
2. Model 33G3 at \$981.00 net each - Same as Model 33G1 except has Touch-Tone Card Dialer
3. Model 33G5 at \$902.00 net each - Same as Model 33G1 except has no dial

Teletype Corporation

P.D. No. 141

Change 11

Dated October 1, 1969

Price Each Set \$ 2,492.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled High Speed Punch Set VC235 (DRPE) 60 cycle with these general features:

DRPE Punch

Operator adjustable, universal punch block  
 5, 6, 7 or 8 level, 11/16", 7/8" or 1" width  
 fully perforated paper tape output  
 Operates at speeds up to 2400 wpm  
 (240 cps)  
 Equipped with two, 115 Volt 60 cycle syn-  
 chronous motors  
 one motor for tape puller  
 one motor for tape feed  
 In-line feed hole

Tape Transport

Panel with facilities for mounting DRPE  
 punch and includes the following:  
 3000 ft. capacity tape supply reel;  
 650 ft. take up reel  
 115 Volt 60 cycle motor for tape  
 take up reel;  
 115 Volt 50/60 cycle motor for  
 supply reel and vacuum chad  
 disposal  
 Ten 650 ft. take up reels  
 Ten adapters

Electronic control package for 115 Volts 60 cycle operation including:

Electronics for punch drive  
 Rectifier  
 Controls for Rubout (Delete) and blank  
 tape feed out

Interconnecting cables with connectors  
 Alarm lights for low tape (yellow) and  
 broken tape or tape out (red)  
 Test switch for maintenance purposes

Adapters are included for mounting punch panel on 19" relay rack. Rack mount DRPE Punch Sets do NOT include relay rack or enclosure. Relay racks may be readily obtained from any electronic supply house.

Components

		<u>Price Each Net</u>
DRPE802	High Speed Punch . . . . .	\$ 830.00
147855	Tape Transport Panel Assembly . . . . .	441.00
147840	Electronic package . . . . .	1,009.00
147842	19" Relay Rack Mounting Parts . . . . .	168.00
279B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--
	Assembly Charge . . . . .	44.00

Teletype Corporation

P.D. No. 141A

Change 11

Dated October 1, 1969

Price Each Set \$ 2,660.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Floor Model Tape Receiver Set 60 cycle (VS245) with these general features:

Tape Punch

Perforates 6 level, 7/8" width fully perforated paper tape output

Advanced feed hole

Operates at speeds up to 2400 wpm (240 cps)

Equipped with two, 115 Volt 60 cycle synchronous motors  
one motor for tape puller  
one motor for tape feed

Cabinet

Houses set components and includes a 3000 ft. tape supply reel and ten 650 ft. take up reels with adapters

Motor driven take up reel.

Control panel containing alarm lights for low tape (yellow) and broken tape or tape out (red)

Paint finish is multicolor combination of smooth dark gray with a light gray front panel

Vacuum chad disposal

Electronic control package for 115 Volts 60 cycle operation including:

Test switch for maintenance purposes and controls for Rubout and blank tape feed out

Power supply and electronics for punch drive

Interconnecting cables with connectors

Components

		<u>Price Each Net</u>
DRPE600	High Speed Punch . . . . .	\$ 691.00
AC374MB	Cabinet . . . . .	905.00
147830	Electronic package . . . . .	1,020.00
279B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--
	Assembly Charge . . . . .	44.00

Teletype Corporation  
P.D. No. 141B  
Change 11  
Dated October 1, 1969

Price Each Set \$2,829.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Floor Model Tape Receiver Set 50 cycle (VS240) with these general features:

DRPE Punch

Operator adjustable, universal punch block  
Punches 5, 6, 7 or 8 levels on 11/16", 7/8"  
or 1" width fully perforated paper tape  
output  
Operates at speeds up to 2400 wpm  
(240 cps)  
Equipped with two, 115 Volt 50 cycle  
synchronous motors  
one for tape puller  
one for tape feed  
In-line feed hole

Cabinet

Cabinet houses set components and in-  
cludes a 3000 ft. tape supply reel and ten  
650 ft. take up reels with adapters  
Motor driven take up reel  
Control panel containing alarm lights  
for low tape (yellow) and broken tape  
or tape out (red)  
Paint finish is multicolor combination of  
smooth dark gray with a light gray front  
panel  
Vacuum chad disposal

Electronic control package for 115 Volts 50 cycle operation including:

Test switch for maintenance purposes and controls for Rubout (Delete) and blank tape feed out	Power supply and electronics for punch drive
	Interconnecting cables with connectors

Components

		<u>Price Each Net</u>
DRPE806	High Speed Punch . . . . .	\$ 832.00
AC375MB	Cabinet . . . . .	917.00
147831	Electronic package . . . . .	1,036.00
	Assembly Charge . . . . .	44.00
279B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--

Teletype Corporation

P.D. No. 141C

Change 11

Dated October 1, 1969

Price Each Set \$ 2,523.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled High Speed Punch Set VC234 (DRPE) 50 cycle with these general features:

DRPE Punch

Operator adjustable, universal punch blocks  
5, 6, 7 or 8 level, 11/16", 7/8" or 1" width fully perforated paper tape output  
Operates at speeds up to 2400 wpm (240 cps)  
Equipped with two 115 Volt 50 cycle shaded pole motors  
one motor for tape puller  
one motor for tape feed  
In-line feed hole

Tape Transport

Panel with facilities for mounting DRPE punch and includes the following:  
3000 ft. tape supply reel  
650 ft. take up reel  
115 Volt 50 cycle motor for tape take up reel  
115 Volt 50/60 cycle induction motor for supply reel and vacuum chad disposal  
Ten 650 ft. take up reels  
Ten adapters

Electronic control package for 115 Volts 50 cycle operation including:

Electronics for punch drive  
Rectifier  
Controls for Rubout (Delete) and blank tape feed out  
Interconnecting cables with connectors  
Alarm lights for low tape (yellow) and broken tape or tape out (red)  
Test switch for maintenance purposes

Adapters are included for mounting punch panel on 19" relay rack. Rack Mount DRPE Punch Sets do NOT include relay rack or enclosure. Relay racks may be readily obtained from any electronic supply house.

Components

		<u>Price Each Net</u>
DRPE806	High Speed Punch . . . . .	\$ 832.00
147856	Tape Transport Panel Assembly . . . . .	453.00
147841	Electronic package . . . . .	1,026.00
147842	19" Relay Rack Mounting Part . . . . .	168.00
279B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--
	Assembly Charge . . . . .	44.00

Teletype Corporation  
P.D. No. 141D  
Change 11  
Dated October 1, 1969

Price Each Set \$ 2,799.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Floor Model Tape Receiver Set 60 cycle (VS241) with these general features:

DRPE Punch

Operator adjustable, universal punch block  
Punches 5, 6, 7 or 8 levels on 11/16", 7/8"  
or 1" width fully perforated paper tape  
output  
Operates at speeds up to 2400 wpm  
(240 cps)  
Equipped with two, 115 Volt 60 cycle  
synchronous motors  
one for tape puller  
one for tape feed  
In-line feed hole

Cabinet

Cabinet houses set components and in-  
cludes a 3000 ft. tape supply reel and a  
650 ft. take up reel plus a control panel  
containing alarm lights for low tape  
(yellow) and broken tape or tape out (red)  
Motor driven take up reel  
Paint finish is multicolor combination of  
smooth dark gray with a light gray front  
panel  
Vacuum chad disposal

Electronic control package for 110 Volts 60 cycle operation including:

Test switch for maintenance purposes  
and controls for Rubout (Delete) and blank  
tape feed out

Electronics for punch drive rectifier  
Interconnecting cables with connectors

Components

		<u>Price Each Net</u>
DRPE802	High Speed Punch .....	\$ 830.00
AC374MB	Cabinet .....	905.00
147830	Electronic package .....	1,020.00
	Assembly Charge .....	44.00
279B	Bulletin .....	--
1186B	Bulletin .....	--



Teletype Corporation  
P.D. No. 141E  
Change 11  
Dated October 1, 1969

Price Each Set \$ 2,353.00 Net

Equipment, Features and Components

Description

Teletype Corporation Assembled High Speed Punch Set VC236 (DRPE) 60 cycle with these general features:

DRPE Punch

Perforates 6-level, 7/8" width fully perforated paper tape output  
Operates at speeds up to 2400 wpm (240 cps)  
Equipped with two 110 Volt 60 cycle synchronous motors  
one motor for tape puller  
one motor for tape feed  
Advanced feed hole

Tape Transport

Panel with facilities for mounting DRPE punch and includes the following:  
3000 ft. capacity tape supply reel;  
650 ft. take up reel  
115 Volt 60 cycle motor for tape and take up reel;  
115 Volt 50/60 cycle motor for supply reel and vacuum chad disposal  
Ten 650 ft. take up reels  
Ten adapters

Electronic control package for 115 Volts 60 cycle operating including:

Electronics for punch drive  
Rectifier  
Controls for Rubout and blank tape feedout

Interconnecting cables with connectors  
Alarm lights for low tape (yellow) and broken tape or tape out (red)  
Test switch for maintenance purposes

Adapters are included for mounting punch panel on 19" relay rack. Rack Mount DRPE Punch Sets do NOT include relay rack or enclosure. Relay racks may be readily obtained from any electronic supply house.

Components

		<u>Price Each Net</u>
DRPE600	High Speed Punch . . . . .	\$ 691.00
147855	Tape Transport Panel Assembly . . . . .	441.00
147840	Electronic Package . . . . .	1,009.00
147842	19" Relay Rack Mounting Parts . . . . .	168.00
279B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--
	Assembly Charge . . . . .	44.00

Teletype Corporation  
P.D. No. 142  
Change 11  
Dated October 1, 1969

Price Each Set \$ 53.00 Net

Equipment Features and Components

Description

Teletype Corporation Paper Winder with these general features:

Accommodates paper widths from 4-1/4 to 8-1/2 inches	Operable with <u>friction feed</u> printers only
Winder capacity: 400 feet of 8-1/2" paper (Model 28 and 35 Page Printers)	115V AC 50/60 cycle motor with Mercury Switch for controlling the motor current
320 feet of 8-1/2" paper (Model 32 and 33 Page Printers)	Smooth vinyl light olive gray finish

Components

		<u>Price Each Net</u>
LPW300HF	Paper Winder . . . . .	\$ 53.00
1129B	Bulletin . . . . .	--
570-301-705TC	Section . . . . .	--

Optional Equipment to be ordered separately

- A. 193950 Copy Display Rack at \$3.65 net each - for use with above winder when used on Model 28 or 35 Page Printers.
- B. 178598 Display Rod Assembly at \$3.95 net each - for use with above winder when used for mounting such winder above a Model 28 or 35 Wall Mounted Page Printer.
- C. 195259HF Modification Kit at \$5.45 net each - for use with above winder when used on a Model 32 or 33 console cabinet.

Teletype Corporation  
P.D. No. 143  
Change 11  
Dated October 1, 1969

Price Each Set \$ 150.30 Net

Equipment Features and Components

Description

Teletype Corporation Model 28 Self-Contained Answer-Back with these features:

5-Level, 7.50 Unit Code output	Optional gears for 60, 66, 75 or 100 wpm operation (45.5, 50.0, 56.9 or 75.0 Bauds)
Generates up to 20 character message	
Answer-back drum (to be coded by the customer)	Base plate with panel
115V AC 60 cycle synchronous motor unit with motor hold contacts	Padded cover finished in smooth vinyl light olive gray

Components

		<u>Price Each Net</u>
LABD500HF	Answer-Back . . . . .	\$ 129.00
* 194808	Gear Set for 60 wpm . . . . .	4.30
* 199096	Gear Set for 66 wpm . . . . .	8.40
* 194809	Gear Set for 75 wpm . . . . .	4.30
* 194815	Gear Set for 100 wpm . . . . .	4.30
272B	Bulletin . . . . .	--
574-235-800TC	Section . . . . .	--

\*Each set of gears not required will result in a reduction in the above net price

Approximate Dimensions and Weight

Dimensions: 6"W x 6"H x 13-1/4"L  
Weight: 13 LBS.

Teletype Corporation  
 P.D. No. 144  
 Change 11  
 Dated October 1, 1969

Price Each Set \$ 135.00 Net

Equipment Features and Components

Description

Teletype Corporation Model 35 Self-Contained Answer-Back with these features:

8-Level, 11.0 Unit Code output	115V AC 60 cycle synchronous motor unit with motor hold contacts
Generates up to 20 character message	
Answer-back drum (to be coded by the customer)	Base plate with panel
Geared for 100 wpm operation (110.0 Bauds)	Padded cover finished in smooth vinyl light olive gray

Component

		<u>Price Each Net</u>
LABD800HF	Answer-Back . . . . .	\$ 135.00
272B	Bulletin . . . . .	--
574-235-800TC	Section . . . . .	--

Approximate Dimensions and Weight

Dimensions: 6"W x 6"H x 13-1/4"L  
 Weight: 13 LBS.

Teletype Corporation

P.D. No. 145

Change 11

Dated October 1, 1969

(Corrected)

Price Each Set \$ 946.90 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Sender Set 5A (VS227MB) with these general features:

Reads 5, 6, 7 or 8-levels of intelligence on fully perforated tape of 11/16", 7/8" or 1" width and provides parallel wire output (CX)	48V DC power supply
In-line feed hole	Motor control circuit
28V DC 1 ampere operating magnets and feed magnet	Transmitter circuit
Make-only contacts	Apparatus box for housing 48V Rectifier, Motor Control and Transmitter Circuit (for Wall Mounting)
Free wheeling, tight tape and tape-out mechanisms	Test tape
115V AC 60 cycle synchronous motor unit with gear set for 750 Baud operation (75 cps, 750 wpm)	Base and cover finished in multicolor smooth dark and light gray vinyl
Tape sender, base, cover and motor unit for mounting on table	Does not include tape winding facilities
	Approximate dimensions are as follows: Reader - 6-1/2"W x 4-1/2"H x 14"D Apparatus Box - 13-1/4"W x 16"H x 9-3/4"D

Components

		<u>Price Each Net</u>
198000	48V Rectifier . . . . .	\$ 38.90
198048	Motor Control Assembly . . . . .	54.00
198001	Transmitter Circuit Assembly . . . . .	251.00
198022	Apparatus Box Assembly . . . . .	17.00
(12) 165102	Screws . . . . .	--
(2) 148554	Test Tape . . . . .	1.30
VC219MB	Tape Sender, Base, Cover and Motor Unit . . . . .	530.40
292B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1176B	Bulletin . . . . .	--
	Assembly Charge . . . . .	53.00

Note: "Bell" Data-Phone Subset (402C) or its equivalent is not of our manufacture but is required for the above equipment.

Teletype Corporation

P.D. No. 145A

Change 11

Dated October 1, 1969  
(Corrected)

Price Each Set \$ 923.30 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Sender Set (VS248MB-TYPE 5) with these general features:

<p>Reads 6-levels of intelligence on fully perforated tape of 7/8" width and provides parallel wire output (CX) - advanced feed hole</p> <p>28V DC 1 ampere operating magnets and feed magnet</p> <p>Make-only contacts</p> <p>Free wheeling, tight tape and tape-out mechanisms</p> <p>115V AC 60 cycle synchronous motor unit with gear set for 750 Baud operation (75 cps, 750 wpm)</p> <p>Tape sender, base, cover and motor unit for mounting on table</p>	<p>48V DC power supply</p> <p>Motor control circuit</p> <p>Transmitter circuit</p> <p>Apparatus box for housing 48V Rectifier, Motor Control and Transmitter Circuit (for Wall Mounting)</p> <p>Base and cover finished in multicolor smooth dark and light gray vinyl</p> <p>Does not include tape winding facilities</p> <p>Approximate dimensions are as follows: Reader - 6-1/2"W x 4-1/2"H x 14"D Apparatus Box - 13-1/4"W x 16"H x 9-3/4"D</p>
---	--

Components

		<u>Price Each Net</u>
198000	48V Rectifier . . . . .	\$ 38.90
198048	Motor Control Assembly . . . . .	54.00
198001	Transmitter Circuit Assembly . . . . .	251.00
198022	Apparatus Box Assembly . . . . .	17.00
(12) 165102	Screws . . . . .	--
VC237MB	Tape Sender, Base, Cover and Motor Unit . . . . .	509.40
292B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1176B	Bulletin . . . . .	--
	Assembly Charge . . . . .	53.00

Note: "Bell" Data-Phone Subset (402C) or its equivalent is not of our manufacture but is required for the above equipment.

Teletype Corporation  
P.D. No. 146  
Change 11  
Dated October 1, 1969

Price Each Set \$ 2,712.90 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Receiver Set 5B (VS228MB) with these general features:

<p>Operator adjustable, universal punch block</p> <p>Punches 5, 6, 7 or 8-levels of intelligence on fully perforated tape of 11/16", 7/8" or 1" width upon receipt of parallel wire signals (DRPE)</p> <p>In-line feed hole</p> <p>Punch driver module for 750 Baud operation (75 cps, 750 wpm)</p>	<p>Punch equipped with two 110V 60 cycle synchronous motors - one motor for tape feed and one motor for tape puller</p> <p>Cabinet houses set components and includes tape handling facilities (3000 ft. tape supply reel and ten 800 ft. take up reels), electrical service panel, control panel and lamps. Approximate dimensions are 54"H x 16"W x 24"D. Paint finish is multicolor combination of smooth dark and light gray</p>
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Components

		<u>Price Each Net</u>
AC356MB	Cabinet . . . . .	\$ 779.00
DRPE802	Punch . . . . .	830.00
199540	Punch Driver Module (750 Bauds) . . . . .	992.00
148570	Frame Assembly . . . . .	67.90
292B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1186B	Bulletin . . . . .	--
	Assembly Charge . . . . .	44.00

Note: "Bell" Data-Phone Subset (402D) or its equivalent is not of our manufacture but is required for the above equipment.

Teletype Corporation  
P.D. No. 146A  
Change 11  
Dated October 1, 1969

Price Each Set \$ 2,580.45 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Receiver Set (VS246MB-TYPE 5) with these general features:

Punches 6-levels of intelligence on fully perforated tape of 7/8" width upon receipt of parallel wire signals (DRPE) - advanced feed hole

Punch equipped with two 110V 60 cycle synchronous motors - one motor for tape feed and one motor for tape puller

Cabinet houses set components and includes tape handling facilities (3000 ft. tape supply reel and ten 800 ft. take up reels), electrical service panel, control panel and lamps. Approximate dimensions are 54"H x 16"W x 24"D. Paint finish is multicolor combination of smooth dark and light gray

Punch driver module for 750 Baud operation (75 cps, 750 wpm)

Components

		<u>Price Each Net</u>
AC356MB	Cabinet .....	\$ 779.00
DRPE600	Punch .....	691.00
199540	Punch Drive Module (750 Bauds) .....	992.00
148570	Frame Assembly .....	67.90
323795	Chad Chute w/Bracket .....	6.55
292B	Bulletin .....	--
295B	Bulletin .....	--
1186B	Bulletin .....	--
	Assembly Charge .....	44.00

Note: "Bell" Data-Phone Subset (402D) or its equivalent is not of our manufacture but is required for the above equipment.



Teletype Corporation

P.D. No. 147

Change 11

Dated October 1, 1969

(Corrected)

Price Each Set \$ 1,481.00 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Sender Set 5C (VS229MB) with these general features:

- |   |   |
|---|---|
| <p>Reads 5, 6, 7 or 8-levels of intelligence on fully perforated tape of 11/16", 7/8" or 1" width and provides parallel wire output (CX)</p> <p>In-line feed hole</p> <p>28V DC 1 ampere operating magnets and feed magnet</p> <p>Make-only contacts</p> <p>Free wheeling, tight tape and tape-out mechanisms</p> <p>115V AC 60 cycle synchronous motor unit with gear set for 750 Baud operation (75 cps. 750 wpm)</p> | <p>Mounting frame</p> <p>48V DC power supply</p> <p>Transmitter circuit</p> <p>Motor control circuit</p> <p>Cover plate assembly</p> <p>Ten 800 ft. tape reels</p> <p>Cabinet houses set components and includes tape handling facilities, electrical service panel, control panel, lamps and power cord. Approximate dimensions are 54"H x 16"W x 24"D. Paint finish is a multicolor combination of smooth dark and light gray</p> |
|---|---|

Components

		<u>Price Each Net</u>
AC364MB	Cabinet . . . . .	\$ 615.00
CX803	Tape Reader . . . . .	289.00
MU43	Motor Unit . . . . .	70.00
171877	Gear Set . . . . .	9.10
199786	Mounting Frame . . . . .	61.40
198000	Power Supply . . . . .	38.90
198001	Transmitter Circuit Kit . . . . .	251.00
198048	Motor Control Circuit . . . . .	54.00
(2) 148554	Test Tape . . . . .	1.30
174114	Cover Plate . . . . .	5.00
292B	Bulletin . . . . .	--
295B	Bulletin . . . . .	--
1176B	Bulletin . . . . .	--
	Assembly Charge . . . . .	85.00

Note: "Bell" Data-Phone Subset (402C) or its equivalent is not of our manufacture but is required for the above equipment.

Teletype Corporation  
 P.D. No. 147A  
 Change 11  
 Dated October 1, 1969  
 (Corrected)

Price Each Set \$ 1,457.40 Net

Equipment Features and Components

Description

Teletype Corporation Assembled Telespeed Tape Sender Set (VS247MB-TYPE 5) with these general features:

- |  |   |
|--|---|
| <p>Reads 6-levels of intelligence on fully perforated tape of 7/8" width and provides parallel wire output (CX) - advanced feed hole</p> <p>28V DC 1 ampere operating magnets and feed magnet</p> <p>Make-only contacts</p> <p>Free wheeling, tight tape and tape-out mechanisms</p> <p>115V AC 60 cycle synchronous motor unit with gear set for 750 Baud operation (75 cps, 750 wpm)</p> | <p>Mounting frame</p> <p>48V DC power supply</p> <p>Transmitter circuit</p> <p>Motor control circuit</p> <p>Cover plate assembly</p> <p>Ten 800 ft. tape reels</p> <p>Cabinet houses set components and includes tape handling facilities, electrical service panel, control panel, lamps and power cord. Approximate dimensions are 54"H x 16"W x 24"D. Paint finish is a multicolor combination of smooth dark and light gray</p> |
|--|---|

Components

		<u>Price Each Net</u>
AC364MB	Cabinet .....	\$ 615.00
CX603	Tape Reader .....	268.00
MU43	Motor Unit .....	70.00
171877	Gear Set .....	9.10
199786	Mounting Frame .....	61.40
198000	Power Supply .....	38.90
198001	Transmitter Circuit Kit .....	251.00
198048	Motor Control Circuit .....	54.00
174114	Cover Plate .....	5.00
292B	Bulletin .....	--
295B	Bulletin .....	--
1176B	Bulletin .....	--
	Assembly Charge .....	85.00

Note: "Bell" Data-Phone Subset (402C) or its equivalent is not of our manufacture but is required for the above equipment.

Teletype Corporation

P.D. No. 152

Change 11

Dated October 1, 1969

Price Each Set <u>\$ 1,900.00</u> Net
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### Equipment Features and Components

#### Description

Teletype Corporation Assembled Model 35 Send-Receive CARData Typing Punch (VSL318HF) with these features:

Eight-level, 11.0 unit code	Transmits sequential signals "on-line"
Fully perforated tape output on 1" width tape	Shift and line break keys
Card output on individual or fanfold cards with printing and perforations across the top edge (accommodates cards of minimum 3" length to whatever length desired and 2-1/4" minimum to 6" maximum width)	Repeat character
	Manual or coded card eject and manual card advance controls
	Bi-directional manual feed control with backspace key
	Automatic card separation and rapid card advance upon receipt of on-line signal
Print suppression	Base with vibration mounts, 500 ma selector magnet driver, multi-wire distributor, power supply and 115 V 60 cycle synchronous motor with 110.0 Baud, 100 wpm gears
Motor start relay	
On-off power switch	
Chad disposal facilities	Parallel output of the keyboard is converted to sequential output by the multi-wire distributor
Data communications typewheel and keytop arrangement (ASCII Code)	Cover is finished in smooth vinyl light olive gray
End of card indicator	
Four row keyboard with "even" parity	One copy each of Bulletins 304B and 1212B furnished with each set of equipment.

#### Optional

LEPT1 Table for above set at \$97.00 net each

Teletype Corporation  
 P.D. No. 153  
 Change 11  
 Dated October 1, 1969

Price Each Set \$ 920.00 Net

Equipment Features and Components

Description

Teletype Corporation Model 35 CARData Transmitter Distributor with these features:

Reads 8-level, 11.0 unit code (ASCII Code) from edge punched cards or 1" wide fully perforated tape and provides sequential output  Minimum card width: 1-9/16" Maximum card width: 6" Card length: any  Code reading and auxiliary contacts to permit parallel signal output to external equipment  Spark suppressor for transmitting contacts  Signal regenerator contact  48 V DC Rectifier  115 V 60 cycle synchronous motor with gears for 110.0 Bauds, 100 wpm	Card guides and retractable tape guides  Card-tape selector lever  On-off power switch  Tape and card control buttons - start, stop and eject (ejects card only)  Manual card advance control  Card ejector for individual cards or last card of fanfolded group - initiated at end of card, or from either code in card or from external circuit  Card collector  Base with mounting feet  Cover finished in smooth vinyl light olive gray
--	---

Components

		<u>Price Each Net</u>
LEXD801HF	Transmitter Distributor .....	\$ 920.00
306B	Bulletin .....	--
1211B	Bulletin .....	--

Optional

EPCF1 Edge Punch Card Feeder at \$450.00 net each

1. Controlled by above set
2. Automatically feeds cards to reader
3. Accommodates 100 cards of minimum length 7", maximum length 8-1/2" and minimum width of 3" and maximum width of 3-1/2"
4. 115 V AC 60 HZ induction motor
5. Cover

LEPT2 Table for Card Feeder and Transmitter Distributor at \$192.00 net each

Teletype Corporation  
P.D. No. 154  
Change 11  
Dated October 1, 1969  
(Corrected)

Price Each Set \$ (See Below) Net

Equipment Features

Teletype Corporation High Speed Inktronic Receive-Only Page Printer Sets  
(2101 Data Terminals) for Serial Operation

Basic Arrangement	Character Line Length			Automatic New Line 81st Character	Copyright (Fluorescent Lamp)	For use in Station Arrangements with Telespeed 1050 Tape Terminals			Front Panel		Code & Character Set		Discrete Calling Generator	Catalog No.	Price
	80-Character	10 Character/Inch Horizontally	6 Lines/Inch Vertically			Sender	Receiver	Sender & Receiver	Cutout to Accommodate Data Modem (Note 1)	Blank	ASCII Upper Case Only	5-Level Communication			
1050 Baud 10 Unit Code	X	X	X	X	X				X		X			2101A-101	\$5,450.00**
	X	X	X	X	X				X		X		X	2101A-102	5,600.00**
	X	X	X	X	X				X			X		2101A-103	5,450.00**
	X	X	X	X	X				X			X	X	2101A-104	5,600.00**
	X	X	X	X	X					X	X			2101A-105	5,450.00**
	X	X	X	X	X					X	X		X	2101A-106	5,600.00**
	X	X	X	X	X					X		X		2101A-107	5,450.00**
	X	X	X	X	X					X		X	X	2101A-108	5,600.00**
	X	X	X	X	X	X				X	X			2101A-109	5,490.00**
	X	X	X	X	X		X			X	X			2101A-110	5,490.00**
	X	X	X	X	X					X			X	2101A-111	5,510.00**
	X	X	X	X	X					X		X		2101A-112	5,490.00**
	X	X	X	X	X					X		X		2101A-113	5,490.00**
	X	X	X	X	X					X		X		2101A-114	5,510.00**
1200 Baud 10 Unit Code	X	X	X	X	X				X		X			2101A-115	5,450.00**
	X	X	X	X	X				X			X		2101A-116	5,450.00**
	X	X	X	X	X					X	X			2101A-117	5,450.00**
	X	X	X	X	X					X		X		2101A-118	5,450.00**

NOTE 1: Front Panel Cut Out to accommodate Bell System 202C Data Set or equivalent (size and operation)

\*\* The above terminals may have the Simulator (DATS1) factory installed. Please specify when ordering and add \$250.00 to prices shown above.

Interface: EIA RS-232-B

Paint Finish: Two-Tone Gray

Input Power: 115V AC ± 10% 60 Hz ± 0.5Hz  
Approx. 600 watts 8 amp. fused circuit

Printing: Upper Case (Max. 62 Graphics + Space)

The system requirements for input code and speed of operation determine the basic terminal arrangement needed.

Teletype Corporation

P.D. No. 154 (Continued)

Change 11

Dated October 1, 1969

(Corrected)

Input Signal Code:

5-Level (10 Unit Code Frame)

1 Start — 1 Space — 5 Information —  
2 Mark — 1 Stop

or

USAS X3.4 ASCII 7-Level (10 Unit Code  
Frame)

1 Start — 7 Information — 1 Parity\* —  
1 Stop

\*Even Parity over the 8 Bits

Input Data Rate:

1050 Baud (105 Char./Second)

or

1200 Baud (120 Char./Second)

INKTRONIC Printer Ink 1A (12 Fluid  
Ounces) Teletype Part No. 301168 at  
\$1.80 net each.

SIMULATOR Teletype Part No. DATS 1  
at \$250.00 net each

SIMULATOR DATS 1 with Mounting Hard-  
ware Teletype Part No. 331170 at  
\$258.00 net each

Teletype Corporation  
P.D. No. 154A  
Change 11  
Dated October 1, 1969  
(Corrected)

Price Each Set \$ (See Below) Net

Equipment Features

Teletype Corporation High Speed Inktronic Receive-Only Page Printer Sets  
(2101 Data Terminals) for Parallel Operation

Basic Arrangement	80-Character Line Length	10 Character/Inch Horizontally	6 Lines/Inch Vertically	Automatic New Line 81st Character	Copylight (Fluorescent Lamp)	For use in Station Arrangements with Telespeed 750 Tape Terminals			Front Panel		Code & Character Set		Discrete Calling Generator	Catalog No.	Price
						Sender	Receiver	Sender & Receiver	Cutout to Accommodate Data Modem (Note 1)	Blank	ASCII Upper Case Only	5-Level Communication			
Up To 120 Characters Per Second	X	X	X	X	X				X		X			2101A-201	\$5,300.00**
	X	X	X	X	X				X		X		X	2101A-202	5,450.00**
	X	X	X	X	X				X			X		2101A-203	5,300.00**
	X	X	X	X	X				X			X	X	2101A-204	5,450.00**
	X	X	X	X	X	X	X	X		X	X			2101A-205	5,650.00**
	X	X	X	X	X	X	X	X		X		X		2101A-206	5,650.00**
	X	X	X	X	X					X	X			2101A-207	5,300.00**
	X	X	X	X	X					X	X		X	2101A-208	5,450.00**
	X	X	X	X	X					X		X		2101A-209	5,300.00**
	X	X	X	X	X					X		X	X	2101A-210	5,450.00**

NOTE 1: Front Panel Cut Out to accommodate Bell System 804A Auxiliary Data Set or equivalent (size and operation)

\*\* The above terminals may have the Simulator (DATS1) factory installed. Please specify when ordering and add \$250.00 to prices shown above.

Interface: See Parallel Interface Facts in Supplementary Technical Data Section of the product catalog

Printing: Upper Case (Max. 62 Graphics + Space)

Paint Finish: Two-Tone Gray

Input Power: 115V AC ± 10% 60 Hz  
+ 0.5 Hz Approx. 600 watts 8 amp. fused circuit

The system requirements for input code determine the basic terminal arrangement needed.

Teletype Corporation  
P.D. No. 154A (Continued)  
Change 11  
Dated October 1, 1969  
(Corrected)

Input Signal Code:

5-Level Code

1 Space — 5 Information — 2 Mark

or

USAS X3.4 ASCII 7-Level  
7 Information — 1 Parity\*

\*Even Parity over the 8 Bits

Input Data Rate: Up to 120 characters  
per second max. 1200 wpm (data  
modem limits may prevent operation  
at maximum rate).

INKTRONIC Printer Ink 1A 12 Fluid  
Ounces, Teletype Part No. 301168 at  
\$1.80 net each

SIMULATOR Teletype Part No. DATS 1  
at \$250.00 net each

SIMULATOR DATS 1 with Mounting  
Hardware, Teletype Part No. 331170  
at \$258.00 net each



Teletype Corporation

P.D. No. 156

Change 12

Dated April 1, 1970

Price Each Set \$2, 658. 00Net

Equipment Features and Components

Description

Teletype Corporation Model 37 Heavy Duty Send-Receive Page Printer Set (Catalog No. 37/202-3B Friction Feed for general purpose and switched network applications with these features:

150 words per minute, 15 char/sec.,  
150 Baud

Eight-level, 10.0 unit code  
(one start element, seven information bits,  
one parity bit and one stop element)

USA Standard Code for Information Inter-  
change (USAS-X3.4) ASCII 7-level

Page Printer with 8-1/2" wide friction  
feed platen

On-line or local control of the following  
features:

- A. Horizontal tabulation
- B. Horizontal tabulation stop setting
- C. Form-out for 11" forms
- D. Vertical tabulation
- E. Vertical tabulation stop setting
- F. Two color printing
- G. Half line space forward and reverse
- H. Reverse line space
- I. Shift-out for additional graphics
- J. Backspace

Additional features:

- K. Data communications six row type box (96 positions) with 94 printable
- L. Upper and lower case printing
- M. Horizontal spacing 10 characters per inch
- N. Adjusted for 72 character line (internal mechanical adjustment will permit maximum of 82 characters)
- O. Print position indicator
- P. Low paper alarm
- Q. End-of-line indicator
- R. Adjustable print density for multiple copy (operator adjustable)
- S. New line-carriage return and line space on line feed character

Keyboard - 4 row configuration

- A. Keyboard capable of generating the 128 ASCII code combinations with even vertical parity

B. Keyboard contains two shift keys and one shift lock key as well as repeat operation on the following keys:

- |         |                            |
|---------|----------------------------|
| 1. LF   | 6. Colon & Asterisk        |
| 2. SP   | 7. Equals & Hyphen         |
| 3. NULL | 8. Period                  |
| 4. BS   | 9. Underscore              |
| 5. DEL  | 10. Upper and Lower Case X |

Electrical Service Assembly and circuit cards to provide the following:

- A. Electronics Industries Association (EIA) Interface RS-232-B Terminating in a 25 Pin Interface Connector
- B. Selector Magnet Driver
- C. Keyboard Interface
- D. Parallel to Serial Converter Circuit Card
- E. Interconnecting Cables
- F. Receiving Signal Regenerator with Parity Error Detection
- G. Alarm Control
- H. Send, Receive, Mode and Channel Control Circuit Cards
- I. DC Power Supply
- J. Answerback Mechanism with 20 codeable positions
- K. Motor Control
  - 1. Local by switch
  - 2. On-line from "Data Set Ready" Signal

L. Capability of on-line control of full or half-duplex operation

M. Proceed lamp indicates "Clear to Send" signal from the Data Set

Utility Strip containing the following:

- A. Motor Control Relay
- B. Signal Bell
- C. Copyright Transformer
- D. AC Power Cord
- E. AC Receptacle Strip for Electrical Service Assembly Data Set, etc., and Circuit Breaker for AC Power Input
- F. Input power required: 115 V AC  $\pm 10\%$  and 60  $\pm .45$ Hz single phase 3-wire, 300 Watts

Control panel with a pushbutton for local and on-line control of the printer, and keyboard in addition to an interrupt switch, proceed lamp, here-is switch, printer end of line lamp, a low paper alarm lamp, a parity error lamp and an out of service key.

Cabinetry includes the following:

- A. Table console to house set components and to provide operator work space on right side
- B. Hinged page printer cover to ease replenishment of paper and ribbon (includes copyrights)

Miscellaneous

Approximate overall set dimensions:

- 3 feet high (to top of printer cover)
- 2 feet 3 inches deep
- 2 feet 8 inches wide

Approximate set weight: 205 pounds  
Set paint finish - two tone combination of charcoal gray and ivory

Optional Equipment Set

1. Teletype Corporation Model 37 Heavy Duty Send-Receive Page Printer Set (KSR) Pin Feed for General Purpose and Switched Network Applications. (Ref: Catalog No. 37/202-4D at \$2,682.00 net each) Identical to set described above except this set has the following variations:

- A. 9-1/2" wide pin feed platen
- B. Adjusted for 72 character line (internal mechanical adjustment will permit maximum of 84 characters.
- C. Paper Out Alarm

General Information

1. The above sets are assembled to the fullest extent possible.
2. As an option for pin-feed sets, order separately the following paper handling parts:

328284GF Paper Container for Rear Loading - \$27.00 net each

330697GF Form Accumulating Shelf - \$12.00 net each

Teletype Corporation

P.D. No. 157

Change 12

Dated April 1, 1970

Price Each Set \$4,318.00 Net

Equipment Features and Components

Description

Teletype Corporation Model 37 Heavy Duty Automatic Send-Receive Page Printer Set (Catalog No. 37/302-3C) Friction Feed for General Purpose and Switched Network Applications with these features:

150 words per minute, 15 char/sec., 150 Baud

Eight-level, 10.0 unit code

(one start element, seven information bits, one parity bit and one stop element)

USA Standard Code for Information

Interchange (USAS-X3.4-ASCII 7-level)

On-line or local control of the following features:

- A. Horizontal tabulation
- B. Horizontal tabulation stop setting
- C. Form-out for 11" forms
- D. Vertical tabulation
- E. Vertical tabulation stop setting
- F. Two color printing
- G. Half line space forward and reverse
- H. Reverse line space
- I. Shift-out for additional graphics
- J. Backspace

Additional features:

- K. Data Communications six row type box (96 positions) with 94 printable graphics
- L. Upper and lower case printing
- M. Horizontal spacing 10 characters per inch
- N. Adjusted for 72 character line (internal mechanical adjustment will permit maximum of 82 characters)
- O. Print position indicator
- P. Low paper alarm
- Q. End-of-line indicator
- R. Adjustable print density for multiple copy (operator adjustable)
- S. New line - carriage return and line space on line feed character

Keyboard - 4 row configuration

- A. Keyboard capable of generating the 128 ASCII code combinations with even vertical parity

B. Keyboard contains two shift keys and one shift lock key as well as repeat operation on the following keys:

- 1. LF      6. Colon and asterisk
- 2. SP      7. Equals and hyphen
- 3. NULL    8. Period
- 4. BS      9. Underscore
- 5. DEL     10. Upper and Lower Case X

C. Keyboard character counter

Electrical Service Assembly and circuit cards to provide the following:

- A. Electronics Industries Association (EIA) Interface RS-232-B Terminating in a 25 Pin Interface Connector
  - B. Selector Magnet Driver
  - C. Keyboard Interface
  - D. Parallel to Serial Converter
  - E. Interconnecting Cables
  - F. Receiving Signal Regenerator with Parity Error Detection
  - G. Alarm Control
  - H. Character Counter Control
  - I. Send, Receive, Mode and Channel Control Circuit Cards
  - J. DC Power Supply
  - K. Answerback Mechanism with 20 codeable positions
  - L. Motor Control
- 1. Local by switch
  - 2. On-line from "Data Set Ready" Signal

M. Capability of on-line control of full or half-duplex operation

N. Proceed lamp indicates "Clear to Send" signal from the Data Set

O. On-line control of the tape punch and reader

Utility Strip containing the following:

- A. Motor Control Relay
- B. Signal Bell
- C. Copylight Transformer
- D. AC Power Cord
- E. AC Receptacle Strip for Electrical Service Assembly Data Set, etc., and Circuit Breaker for AC Power Input
- F. Input power required: 115 V AC  $\pm 10\%$  and 60  $\pm .45$ Hz single phase 3-wire, 550 Watts

Control panel with pushbuttons for local and on-line control of the printer, punch, reader and keyboard in addition to an interrupt switch, proceed lamp, here-is switch, keyboard and printer end of line lamp, paper alarm lamp, error lamp and out of service key.

Cabinetry includes the following:

- A. Table console to house set components and to provide operator work space on right side
- B. Hinged page printer cover to ease replenishment of paper and ribbon (includes copylights)

Tape Punch and Reader Module with these features:

- A. 150 words per minute, 150 Baud 15 char./sec. transmitting or receiving
- B. Serial signal input and output 10 unit code consisting of 1 start bit, 8 information bits and one stop bit

Punch

- A. Non-typing capable of producing a one inch wide, 8-level, fully punched tape dimensioned in accordance with USA Standard USAS X3.18.1967
- B. Off-line tape backspace switch
- C. Manually operated tape feed-out lever
- D. 1,000 foot tape supply reel with a low tape indicator alarm

Reader

- A. Capable of reading one inch wide 8-level tape conforming to USA Standard USAS X3.18.1967
- B. 150 word per minute, 15 char./sec. parallel output to the set control logic
- C. Tight tape and tape out sensors
- D. Run-stop-free switch
- E. Single character read-step switch

Punch and Reader Cabinetry

- A. Cabinet houses the punch and reader, a module for component interface circuit cards and a tape storage bin for over 50' of punched tape
- B. The front access door of the cabinet is equipped with a tape winder
- C. Visible chad level container

Miscellaneous

Approximate overall set dimensions including punch and reader module:  
3 feet high (to top of printer cover)  
2 feet 3 inches deep  
3 feet 9 inches wide

Approximate set weight: 325 pounds  
Set paint finish - two tone combination of charcoal gray and ivory

Optional Equipment Set

Teletype Corporation Model 37 Heavy Duty Automatic Send-Receive Page Printer Set Pin-Feed for General Purpose and Switched Network Applications.

(Ref: Catalog No. 37/302-4E at \$4,381.00 net each) Identical to set described above except this set has the following variations:

- A. 9-1/2" wide pin feed platen
- B. Adjusted for 72 character line internal mechanical adjustment will permit maximum of 84 characters)
- C. Paper Out Alarm
- D. Supply box for rear loading of forms
- E. Form Accumulator Shelf

General Information

The sets are assembled to the fullest extent possible.