

TYPE 36 ALPHABETICAL PRINTING PUNCHES



Prices:	Printing Punch	Duplicating Printing Punch
Monthly Charge	\$35.00	\$50.00

Contract: Standard Form.

Column Capacity: 80 columns only.

Purpose: Alphabetical Printing Punches are designed to record alphabetical and numerical data in accounting machine cards both in punched and printed form. At the depression of a key the proper hole or combination of holes is punched and simultaneously the corresponding character is printed at the top of the column punched. The machine is supplied in two styles—with and without the duplicating feature.

Speed: The machines may be operated at a speed of 16 key depressions per second, a speed well above that of the fastest operators. Duplication is accomplished at approximately 10 columns per second. Feed and eject time is 0.72 second.

Automatic Feed and Eject: Cards are fed automatically from the feed hopper into punching position by a knife feed which takes the card from the pack by sliding it horizontally to the left, the card remaining in an upright position.

Ejection of cards can be controlled by key depression or it can be accomplished automatically through the setting of ejection control switches and through the use of tabular inserts described under "Skipping."

Keyboard: One keyboard serves for both alphabetical and numerical operation. The alphabet keys are arranged in standard typewriter order. The "colon, semi-colon" key is a dummy key provided merely to complete

the keyboard and facilitate touch system operation. There are twelve numerical keys; 1 to 9 and 0 located along the top row of the keyboard, and 11 and 12 located at the lower right of the keyboard. The "tab key", used for column skipping, and the "ejector key" complete the keyboard. The action of all keys is extremely light since every movement is power driven. The keys merely serve to engage the operating mechanisms. A back space lever, located to the right of the tabular rack, causes the carriage to back space one card column for each depression.

Skipping: The skipping of columns or fields is much the same as tabular skipping in a standard typewriter. Skip inserts are inserted in a tabular rack at any desired columnar positions for performing the following operations: No. 1. Start Skipping; No. 6. Stop Skipping; No. 3. Single Column Space; No. 2. Automatic Eject. One insert is used for operations 1 and 6 and another for operations 2 and 3. The insert operates according to the number which is placed at the top. Any desired number of columns may be skipped automatically or upon depression of the skip key.

The tabular racks are demountable to permit the substitution of previously arranged racks for different card forms or punching sequences. Thus changes in duplicating and skipping control can be made quickly and easily by changing a rack just as skip bars are changed in the non-printing punches. Extra racks are supplied, when specified, at an installation charge of \$5 per rack.

Duplicating Device: The Duplicating Printing Punch is equipped with a duplicating device which permits the automatic recording of numerical or alphabetical data from punched cards. Duplicating is automatically suspended and restored by the inserts which start and stop skipping. In addition tab insert No. 4-5 can be used to stop and restart duplicating as desired independently of skipping. The duplicating type of punch is also equipped with the automatic spacing feature which permits spacing over blank columns when duplicating. This feature is made operative or inoperative by a switch.

Dimensions and Weights:

	PRINTING PUNCH	DUPLICATING PRINTING PUNCH
Length in inches.	48	48
Width in inches	23	26
Height in inches	41½	44
Weight, Packed	424 lbs.	490 lbs.
Weight, Unpacked	260 lbs.	321 lbs.

Current Requirements: 110 or 220 volts, either direct or alternating current.

VOLTS	AMPERES	
	START	RUN
110 D. C.	5.0	1.0
220 D. C.	4.6	.9
110 A. C.*	7.0	2.0
220 A. C.*	5.0	1.0

* Computed for 60 Cycle, Single Phase.