

Sanders 5700 Display/Tape System



Sanders 5700 Display/Tape System is a new dimension in

- *Costs per record processed are lowest ever*
- *Data entry is performed by ordinary typists*
- *More, better, and faster work is performed by fewer people*



direct display-to-tape data entry . . .

A Revolution in Paper Tape Data Processing

Sanders announces an end to the familiar noisy, error-prone, and costly paper tape preparation process. Based on our field-proven 720 Data Display, the new Sanders 5700 Display/Tape System produces *verified* tape rapidly and inexpensively. Simple operation is the key . . . the system can be easily used by any typist after only a few minutes instruction.

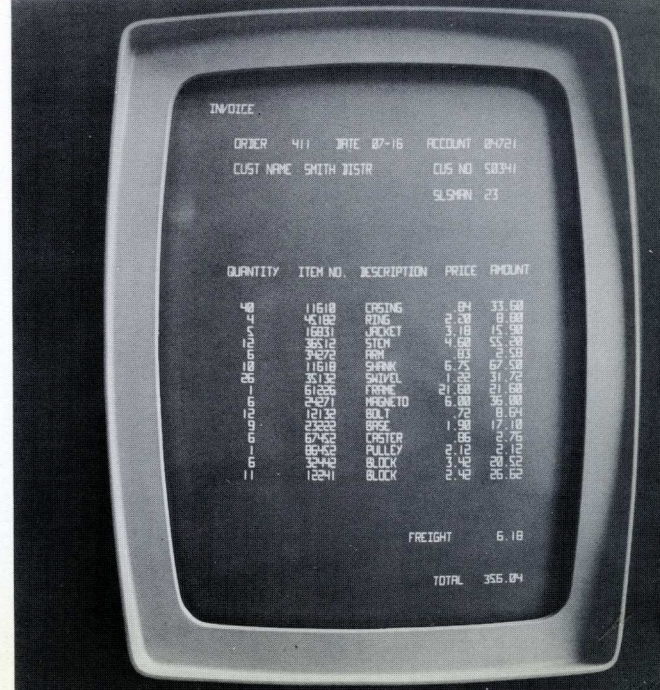
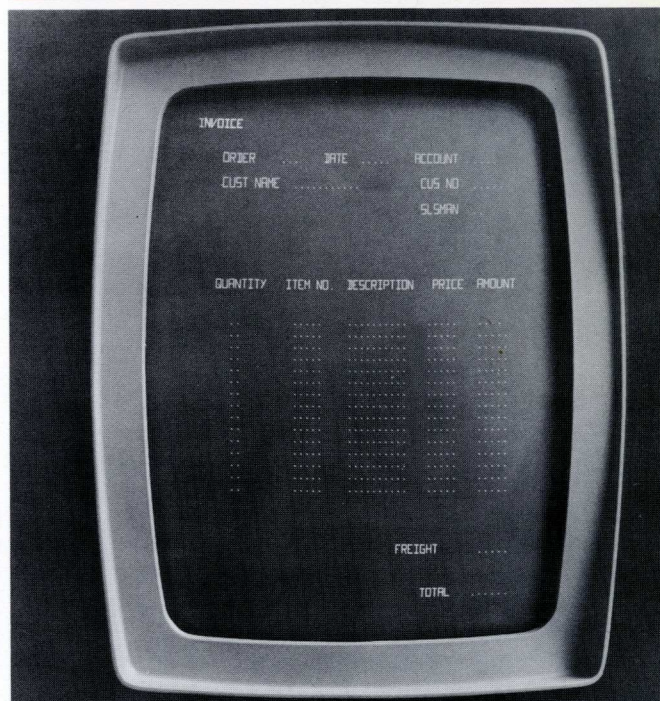
This unprecedented efficiency is obtained through two features. First, an exact replica of the source document format is instantly displayed on the screen from a pre-punched paper tape. Your typist merely fills in the blanks, tabbing from field to field until the record is complete. Data entry is simple and fast; all information appears on the screen in clear, easy-to-read characters for ready editing and verification.

Second, all keyed data is held in an internal memory until the operator is satisfied that it is correct and free from error. Then, at the touch of a single button, all information is transmitted directly to the high-speed punch. At any time your operator may change data entered in the system memory by rapidly moving a bright "cursor" on the screen to the incorrect field—and then overtyping, inserting, or deleting characters.

No tape is ever punched until the record is error-free. No more retyping of complex record forms, no manual back-spacing of paper tape, no separate verifying operations . . . the operator keys in comfort and confidence.

An exact, tape-generated replica of your source document is displayed on the Sanders 5700 System screen. Your operator just fills in the blank information until the record is complete, touches a "send" button, instantly activating any of several remote high-speed punches.

NEW ENGLAND MACHINERY CO., INC. Nashua, N.H. 03060				
CUSTOMER ORDER NO. 411		INVOICE DATE 7-16	ACCOUNT NO. 04721	
CUSTOMER: Smith Distr. Co., Inc. 5700 Sanders Drive Boston, U.S.A.			CUSTOMER NO. 50341	
SHIP TO: BOSTON			SALESMAN NO. 23	
SHIPPED VIA AIRMAIL				
QUANTITY	ITEM NO.	DESCRIPTION	PRICE	AMOUNT
40	11610	CRISTING	.84	33.60
4	45182	RING	2.20	8.80
5	16831	JACKET	3.18	15.90
12	36512	STEEN	4.68	56.16
6	24272	IRON	.83	4.98
10	11618	SHANK	6.75	67.50
26	35132	SHAPTEL	1.22	31.72
1	61226	FRAME	21.60	21.60
6	24271	MAGNETO	6.00	36.00
12	12132	BOLT	.72	8.64
9	23222	BRACE	1.90	17.10
6	67452	CASTER	.86	5.16
1	86452	PULLEY	2.12	2.12
6	32442	BLOCK	3.42	20.52
11	12241	BLOCK	2.42	26.62
FREIGHT				6.18
TOTAL				356.04





Exceptional simplicity is the key to Sanders 5700 System. Data can be entered via a typewriter-style keyboard in a typical low-noise office environment. Once the displayed data is verified, it is then sent, via the keyboard, to a punch which can be located up to 1000 feet from your office.

The facing page illustrates the simplicity and versatility available to you with Sanders 5700 Display/Tape System. This example demonstrates how our advanced System 5709 handles order entry, separate verification, and record updating operations.

ORDER ENTRY

The document format is loaded into display No. 1 through tape reader No. 1. Source document variable information is then typed in. After each record is displayed, it is sent directly to punch No. 1 by touching a single button. Continuous page tape from punch No. 1 is read by reader No. 2.

VERIFICATION

The reader "on" switch at display No. 2 enables your operator to display each record created by order entry. Effortless verification is accomplished when the displayed record is compared with the original source document which has now moved to the verification station.

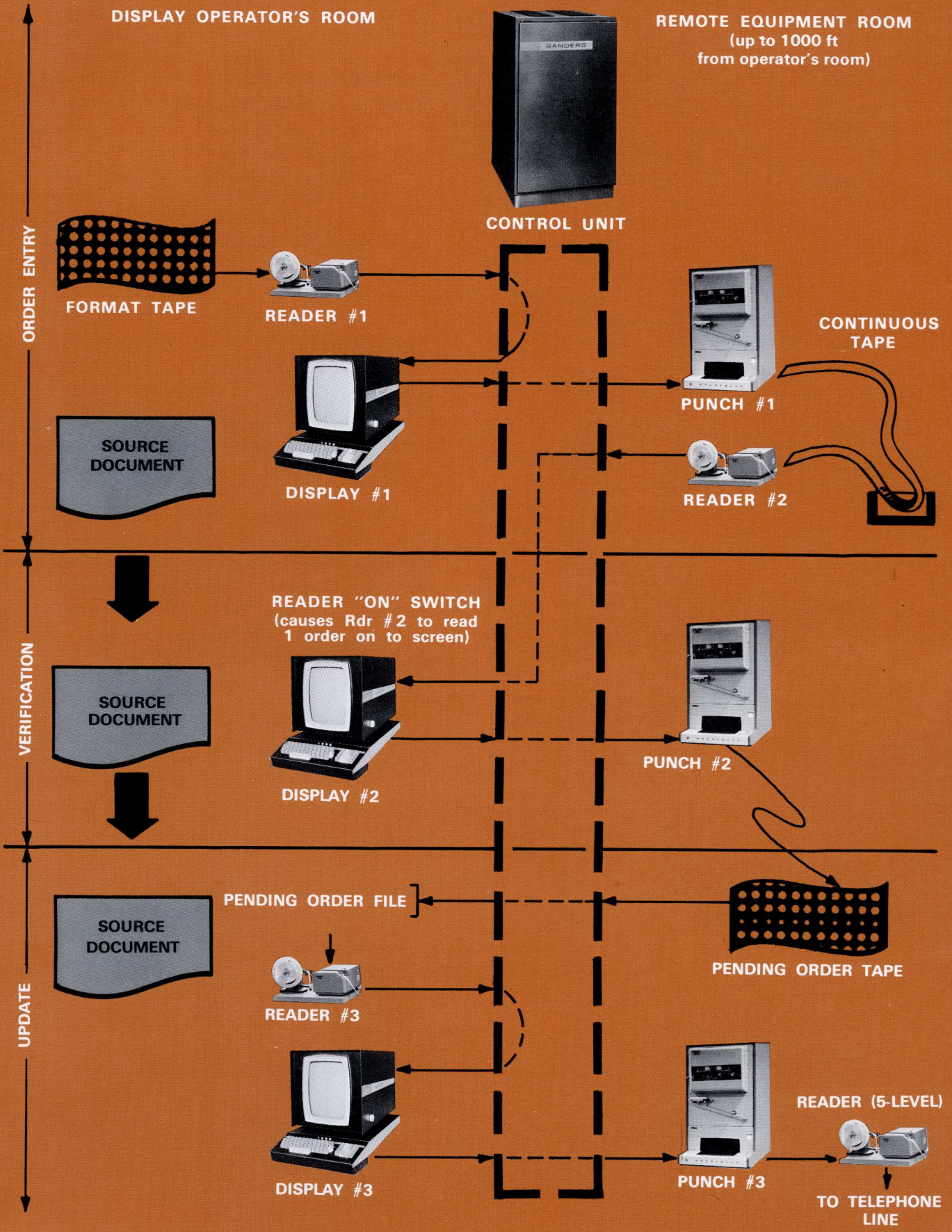
Once the operator is sure the displayed record is prepared exactly as on the source document, the record is sent to punch No. 2 where a pending order tape is created.

UPDATE

The pending order tape and original source document are now part of the pending order file. Each record of this file is entered on display No. 3 through reader No. 3. Any updating of the record is performed here. The record is then sent to punch No. 3 where a 5-level (Baudot) tape is created by the integral code converter for transmission over a telephone line to a remote location.

NOTE: During peak workloads, operators at display Nos. 2 and 3 can send, via a keyboard punch selector switch, to the order entry punch No. 1 to assist operator No. 1. This switch enables your operators to transmit to any one of three punches.





Model 5709 Advanced Paper Tape System

This system greatly adds to flexibility and efficiency. It combines all basic features of the Model 5708 plus multiple-punch switching and integral code conversion in an identical package size. Output may be manually switched at each display station to any one of up to three high-speed punches. You may also elect integral code conversion, giving the option of using either 8-level (ASCII) or 5-level (Baudot) tapes. In fact, 5-level and 8-level readers and punches can be intermixed in any combination for simultaneous operation.

Systems may be configured with input devices located up to 1000 cable feet from the 5709 control unit. Output devices can be as far as 50 cable feet. This offers exceptional versatility in meeting your office layout requirements. Model 5709 systems are fully expandable to their maximum configuration at any future time.

Input Interface

Number of Input Readers	1, 2, or 3
Input Code	ASCII (8-level) or Baudot (5-level)
Maximum Cable Length (5709 to Reader)	1000 cable feet
Type of Reader	High-Speed Reader, 8 or 5-level
Input Format	5 or 7 parallel data lines (parity unused) plus strobe
Input Rate	0 to 45 characters per second
Input Logic Levels	Contact closure
Synchronization	Strobe provided by reader

Output Interface

Number of Output Punches	1, 2, or 3
Operator Control or Output	Switch box attached to display keyboard selects desired punch
Maximum Cable Length	50 cable feet
Output Code	ASCII (8 level) or Baudot (5 level)
Type of Punch	High-Speed Punch
Output Format	5 or 7 data lines (parity unused) plus strobe
Output Rate	18 characters/second
Output Logic Levels	Logical 1 = -6 volts Logical 0 = 0 volts
Synchronization	Strobe provided to punch by Model 5709
Temperature Range	
Operating	60° to 100° F
Storage	40° to 120° F
Relative Humidity	Up to 90%

SALES OFFICES

NORTH EASTERN REGION

Boston, Mass. 02109
Tel. (617) 542-5863

Toronto 1, Canada
Tel. (416) 363-2433

EASTERN REGION

New York, N.Y. 10017
Tel. (212) 687-1050

Pittsburgh, Penna. 15200
Tel. (412) 563-3313

Bala Cynwyd, Penna. 19004
Tel. (215) 667-1715

SOUTH EASTERN REGION

Atlanta, Georgia 30303
Tel. (404) 524-8011

Coral Gables, Florida 33134
Tel. (305) 443-2613

FEDERAL REGION

Washington, D.C. 20036
Tel. (202) 659-8505

MID-WEST REGION

Chicago, Ill. 60631
Tel. (312) 693-2087

Southfield, Mich. 48075
Tel. (313) 358-4260

Minneapolis, Minn. 55416
Tel. (612) 545-0294

Cincinnati, Ohio 45246
Tel. (513) 771-2615

SOUTH CENTRAL REGION

Houston, Texas 77002
Tel. (713) 228-5321

Dallas, Texas 75207
Tel. (214) 637-3704

WESTERN REGION

Los Angeles, Calif. 90045
Tel. (213) 776-5480

Los Altos, Calif. 94022
Tel. (415) 948-9010

EUROPEAN REGION

Hitchin, Herts, England
Tel. Hitchin 5-1185



For further information, applications assistance, or price quotations,
contact the Marketing Manager, Data Systems Division, Sanders Associates, Inc.
Daniel Webster Highway South, Nashua, N.H. 03060
Telephone (603) 885-4220

Continuing research and improvement may result in specification changes at any time.