NCR 399
NEW PRODUCT ANNOUNCEMENT

In August 1972, NCR augmented the I/O capabilities of its 399 Accounting Computer by offering the 349 Line Printer and the 368 Card Reader. Then, in November 1972, NCR released three more peripheral devices that add card punching and paper tape reading and punching capabilities.

NCR 349 LINE PRINTER: A fully buffered, pedestal-mounted, table-top output device, the NCR 349 prints 132-position lines with a 64-character set at a horizontal spacing of 10 characters per inch and a vertical line spacing of 6 lines per inch. Two printing speeds are available: 125 lpm in Model 349-100 and 200 lpm in Model 349-200. Both models feature a time-shared hammer mechanism, 3-position horizontal paper movement, a Vertical Format Unit (VFU) to control forms advance, and the ability to handle 6-part forms up to 22 inches long under format control. The 349 includes its own controller and is connected to the NCR 399 through a Common Trunk. First customer delivery of the NCR/CDC-built peripheral is scheduled for first quarter of 1973.

NCR 368 CARD READER: Reads 80-column punched cards at a speed of 300 cards per minute. A serial photoelectric read mechanism senses the entire 80-column card as a single field, with character translation from 12-bit card code to 8-bit ASCII handled by the reader interface. The ASCII characters are then transmitted to the NCR 399 Interpreter's card reader buffer area through the Common Trunk. An input hopper and an output stacker with 1000-card capacities are provided. The 368 is built by the NCR/CDC joint venture, Computer Peripherals, Inc., with initial customer shipments scheduled for the first quarter of 1973.

NCR 378 CARD PUNCH: This fully buffered, free-standing unit is capable of simultaneous punching and printing on standard 80-column cards. Maximum speed is 26 cards per minute for punching only and up to 13 cards per minute for simultaneous punching and printing in all 80 columns. Punching is serial by column and is limited to an overall total of 480 holes per card. The 378 includes its own control and an interface to the NCR 399 Common Trunk. The input hopper and output stacker can each hold 500 cards. Data is transferred to/from the 378 in 8-bit ASCII format, and converted to/from Hollerith code in the 378 interface. Initial delivery of the 378 is scheduled for the first quarter of 1973.

NCR 366 PAPER TAPE READER: Uses a photoelectric read head to read 1-inch-wide, 8-channel paper tape at a speed of 125 ASCII characters per second. Other punched tape codes are available as options. A separately priced 991-24 Accessory Cabinet is available to support both the 366 Paper Tape Reader and the 367 Paper Tape Punch. First delivery of the 366 is scheduled for the second quarter of 1973.

NCR 367 PAPER TAPE PUNCH: Punches 1-inch-wide, 8-channel paper tape at a speed of up to 75 ASCII characters per second. Other punched tape codes are available as options. The 367 includes the punch mechanism, the tape handler mechanism, condition sensing devices, and the power supply. The optional 991-24 Accessory Cabinet is separately priced. First delivery of the 367 is scheduled for the second quarter of 1973.

		Purchase Price	Annual Maint.	Rental (1-year lease)*
349-100	Drum Line Printer; 125 lpm**	$10,000	$360	$280
349-200	Drum Line Printer; 200 lpm	13,000	420	370
366	Paper Tape Reader; 125 cps	3,000	96	70
367	Paper Tape Punch; 75 cps	3,500	200	95
368-1	Card Reader; 80-col., 300 cpm	5,000	250	150
378	Card Punch; 80-col., 13-26 cpm	8,000	300	215
991-24	Paper Tape Accessory Cabinet	300	0	N/A
—	Common Trunk; one required per NCR 399; can connect up to 8 free-standing peripheral units	500	36	15

* Rental Prices include equipment maintenance.

** A purchased NCR 349-100 can be upgraded in the field to an NCR 349-200 for a one-time charge of $3,500.