

The **LEO** Automatic Office

PUNCHED CARD INPUT & OUTPUT EQUIPMENT

The following auxiliary equipment made by The British Tabulating Machine Company Ltd. has been adapted by LEO Computers Ltd. so that it can be coupled direct to the computer.

INPUT CARD READER

This unit reads information from punched cards and feeds it, in the form of electrical pulses, to the computer.

Eighty-column punched cards are used and they can be punched according to binary or decimal notations. If required the binary/decimal system, in which the binary equivalent is punched separately for each decimal unit, can be used. Using the binary system it is possible to carry the equivalent of 48 four-decimal-digit numbers on each card.

The cards can be used to handle current data, brought forward data or permanent records.

The card reader, which is coupled directly to the computer, operates under the control of the computer according to the orders held in the storage unit of the computer. The reader will deal with 200 cards a minute irrespective of the number of digits punched on each card.

OUTPUT CARD PUNCH

This unit is used to record, on eighty-column punched cards, information produced by the computer and required for a subsequent job. This information may be either carry forward data

or permanent data and it can be punched in binary, decimal or binary/decimal notation. It is also used to produce cards from which a printed record or list can subsequently be produced.

The punched cards provide a compact means of storing information. The cards can be used for storing statistical data, such as stock or wages records, which must be carried forward to subsequent operations by LEO. In this case the cards are all ready to be fed into the computer, via the input card reader, whenever they may be required and without any further processing.

The operation of the card punch is controlled directly by the computer, which acts according to the orders in its storage unit.

The punch handles 100 cards a minute irrespective of the number of digits carried by each card.