

The **LEO** Automatic Office

## AUXILIARY STORAGE

The internal storage capacity of the computer is not limited to 2,048 compartments of the fast access store as additional storage for up to 65,536 words can be provided. This is done by carrying information magnetically on drums.

### **MAGNETIC DRUM**

This unit, manufactured by Ferranti Ltd., provides an auxiliary store for information composed of data or orders, or both.

The capacity of a drum is 8,192 words of 5 characters, and up to 8 drums can be linked to the Computer extending the auxiliary storage capacity to 65,536 words.

Each transfer of information from the drum to the main store is automatically checked to ensure that no corruption or mis-reading has occurred.

The drum rotates at a speed of 5,470 revolutions per minute giving an average access time of 5.48 milli-seconds which need not add to the time of a job, since arrangements are made for transfers to and from the drum to be carried out concurrently with other computer operations.