LANGUAGE MACHINE DEMONSTRATION

TEXTS TRANSLATED

FROM OUR OWN CORRESPONDENT
NEW YORK, JAN. 8

A successful demonstration has just been given here at the offices of International Business Machines Corporation of the ability of a machine to translate texts from one language into another, in this instance a Russian sentence into English. The translation was accomplished in 10 seconds.

The machine is one of those huge complex affairs popularly known as " electronic brains," from which come with lightning speed conclusions from a variety of data fed into them. So far in its use in language translations it has a vocabulary of only 250 words, but there is said to be no practical limit to the number of words it can store or the number of languages it can be made to translate.

Its use as a translator was made possible by the invention of a mechanical model of language by Professor Leon Dostert and Dr. Paul Garvin at Georgetown University Institute of Languages and Linguistics.