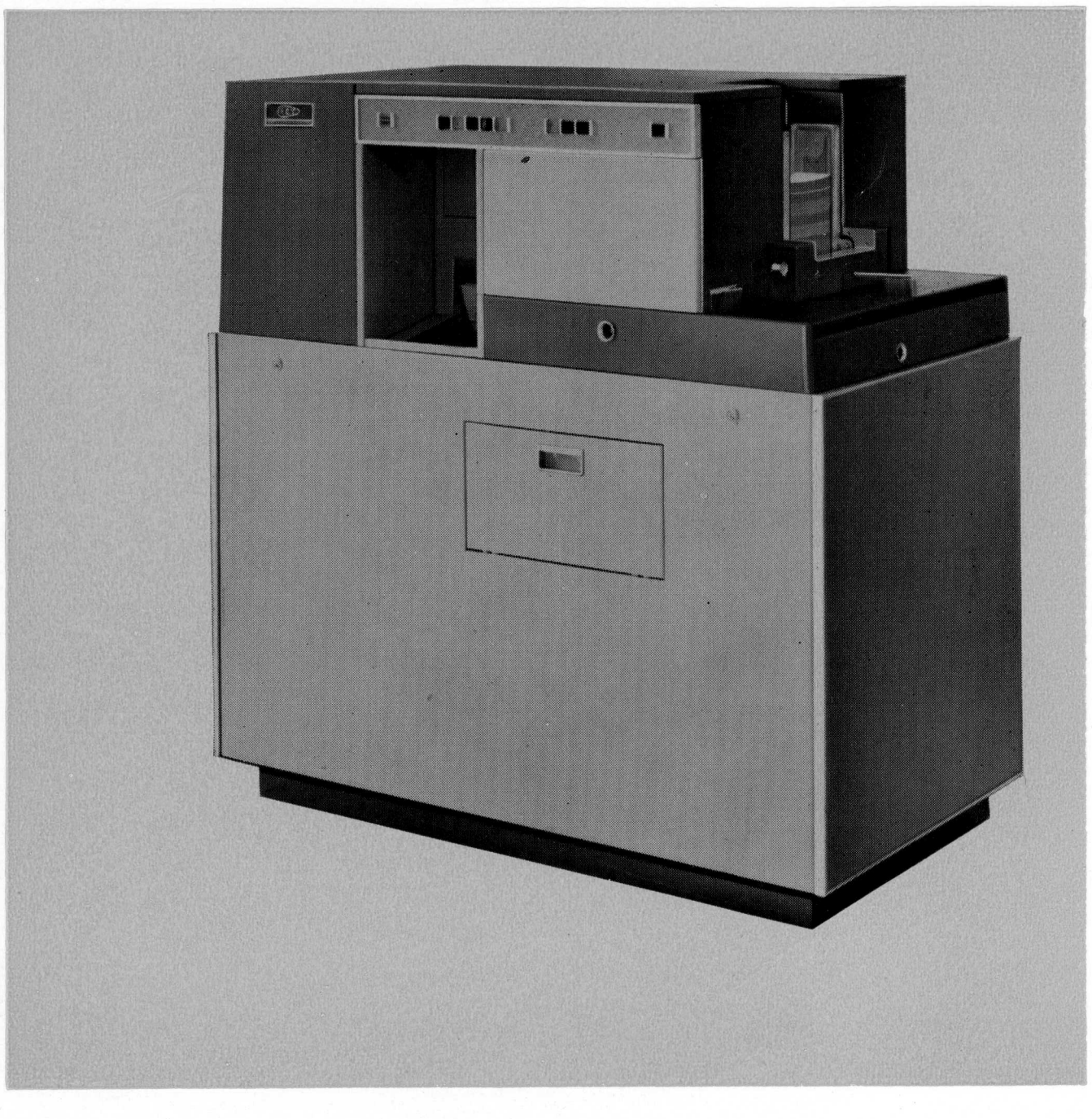
I.C.T 1900 SERIES

CARD PUNCH 1921



DESCRIPTION

The 1921 Card Punch is an on-line output device for the I.C.T 1900 series. It receives information from the Central Processor via I.C.T Standard Interface and punches it into 80-column cards in 1900 card code. Punching is carried out one row at a time at a 960 position (12 x 80) punch station. Maximum speed is 350 cards a minute.

- Output cards punched at 350 a minute
- Automatic conversion from 1900 code
- Accuracy check on punching operation

CARD PUNCH
1921

Control
The Card Punch Control circuits enable the Central Processor to direct the operations of a Card Punch as required by the computer program. These control circuits are integrated into the punch mechanism. The complete Control includes:
Circuits to transfer 80 characters from any continuous area of core store;
Circuits to convert from the internal 1900 code to I.C.T card code;
The necessary circuits to actuate the mechanism;
An 80-bit buffer for a complete card row. Data are transferred to the punch four characters at a time.

Accuracy
Accuracy of punching is ensured by checking, after each row is punched, that the interposers of the relevant punch knives have been operated. Any discrepancy causes the card concerned to be ejected into a special reject stacker, and the Central Processor to be informed. Various other checks are made that the cards are passing through the machine correctly.

SPECIFICATION

Punching speed 350 cards a minute
Input hopper 1,000 cards approximately
Output stackers 1,250 cards each

PHYSICAL CHARACTERISTICS
The Card Punch cabinet houses the input hopper, card transport mechanism, 80-column punching and reading stations, an output stacker and the control circuits.

Height	55 inches
Depth	30 inches
Length	56 inches

This specification is subject to modification

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