

28 AND 35 MULTIMAGNET NONTYPING REPERFORATOR SET
DESCRIPTION

CONTENTS	PAGE
1. GENERAL	1
2. COMPONENTS.....	1
REPERFORATOR UNIT.....	1
BASE.....	1
MOTOR UNITS.....	1
COVER.....	1
3. VARIABLE FEATURES.....	1
4. TECHNICAL DATA	2
WEIGHTS AND DIMENSIONS	2
SIGNALING CODE	2
LINE CURRENT	2
SPEED.....	2
TAPE	2
POWER REQUIREMENTS	2

1. GENERAL

1.01 The Multimagnet Nontyping Reperforator Set is an electromechanical apparatus that punches information in paper tape. It receives the information as multiwire (parallel) electrical pulses. It may be used as an applique or slave device to record information in various data systems (Figure 1).

1.02 All sets are able to operate at speeds up to 200 words per minute. Three tape widths are available for the four different code levels. The 5-level code requires an 11/16-inch tape. Code levels of 6 and 7 use a 7/8-inch tape width and the 8-level code uses a 1-inch tape width.

2. COMPONENTS

2.01 Generally the sets consist of a reperforator unit, motor, base, and cover (Figure 2).

REPERFORATOR UNIT

2.02 The reperforator unit contains the mechanism necessary for translating electrical input signals into mechanical motions that punch code holes in tape. The unit may be equipped to provide either fully perforated or partially perforated (chadless) operation.

BASE

2.03 The base provides mounting and electrical facilities for the reperforator unit, the motor, and the cover as well as certain tape handling features.

MOTOR UNITS

2.04 The motor units that provide mechanical motion for the Multimagnet Nontyping Reperforator Set are of two basic types: ac synchronous motor is used when the power source is regulated; the ac/dc series-governed motor operates from either regulated or unregulated power. The latter is required where only unregulated power is available. The units operate at the same speed and, to accommodate varying load requirements, they are available in standard and heavy-duty horsepower ratings.

COVER

2.05 The cover provides a decorative and protective enclosure for the set. It is removable and has a hinged lid to make all components accessible for inspection or maintenance.

3. VARIABLE FEATURES

3.01 A number of variable features are available which serve as aids to the basic operation of the set. They include:

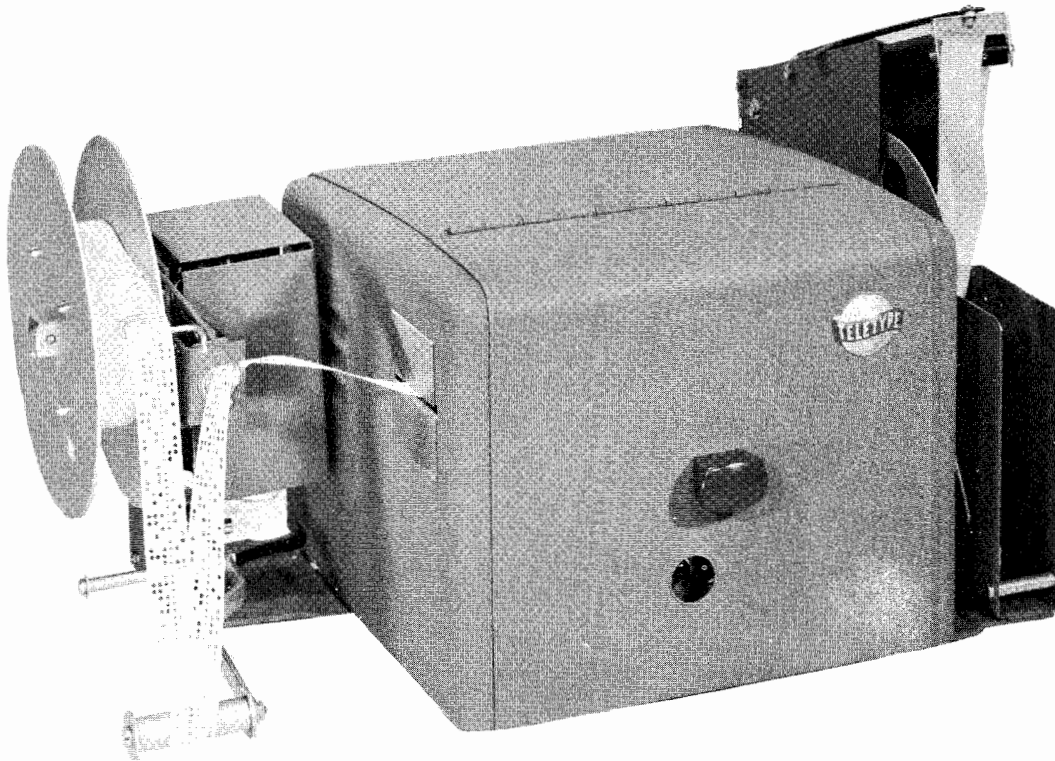


Figure 1 - Multimagnet Nontyping Reperforator Set

- (a) Verifying reader which reads the tape as it leaves the punch unit for error detection.
- (b) Tape feed-out mechanism which enables the unit to feed out blank code combinations as long as a pushbutton is actuated.
- (c) Auxiliary contacts which provide a variety of external control functions.
- (d) A tape winder which provides storage of tape perforated by the set. Includes a taut tape switch.

SIGNALING CODE . . . Multiwire, five to eight intelligence levels

LINE CURRENT. 0.065 or 0.100 ampere

SPEED 364 opm (60 wpm)
 455 opm (75 wpm)
 600 opm (100 wpm)
 (optional speed) 1200 opm (200 wpm)

TAPE

Type Standard communications
 Width 11/16-inch for 5-level code
 7/8-inch for 6-and 7-level code
 1-inch for 8-level code
 Code perforations Chadless or fully perforated
 Characters or feed holes per inch. 10

POWER REQUIREMENTS 115 volts ac, single phase, 60 cycles

4. TECHNICAL DATA

WEIGHTS AND DIMENSIONS

Width 15-1/2 inches
 Depth 10-7/8 inches
 Height 9-3/4 inches
 Weight 24 pounds

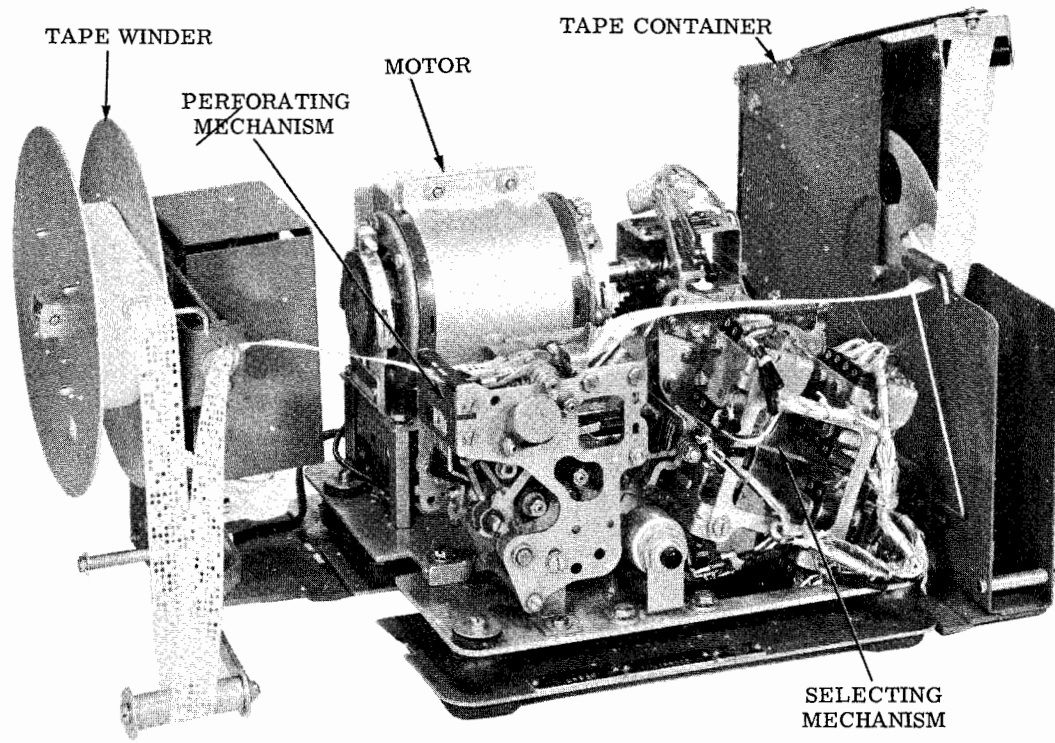


Figure 2 - Multimagnet Nontyping Reperforator Set Without Cover

