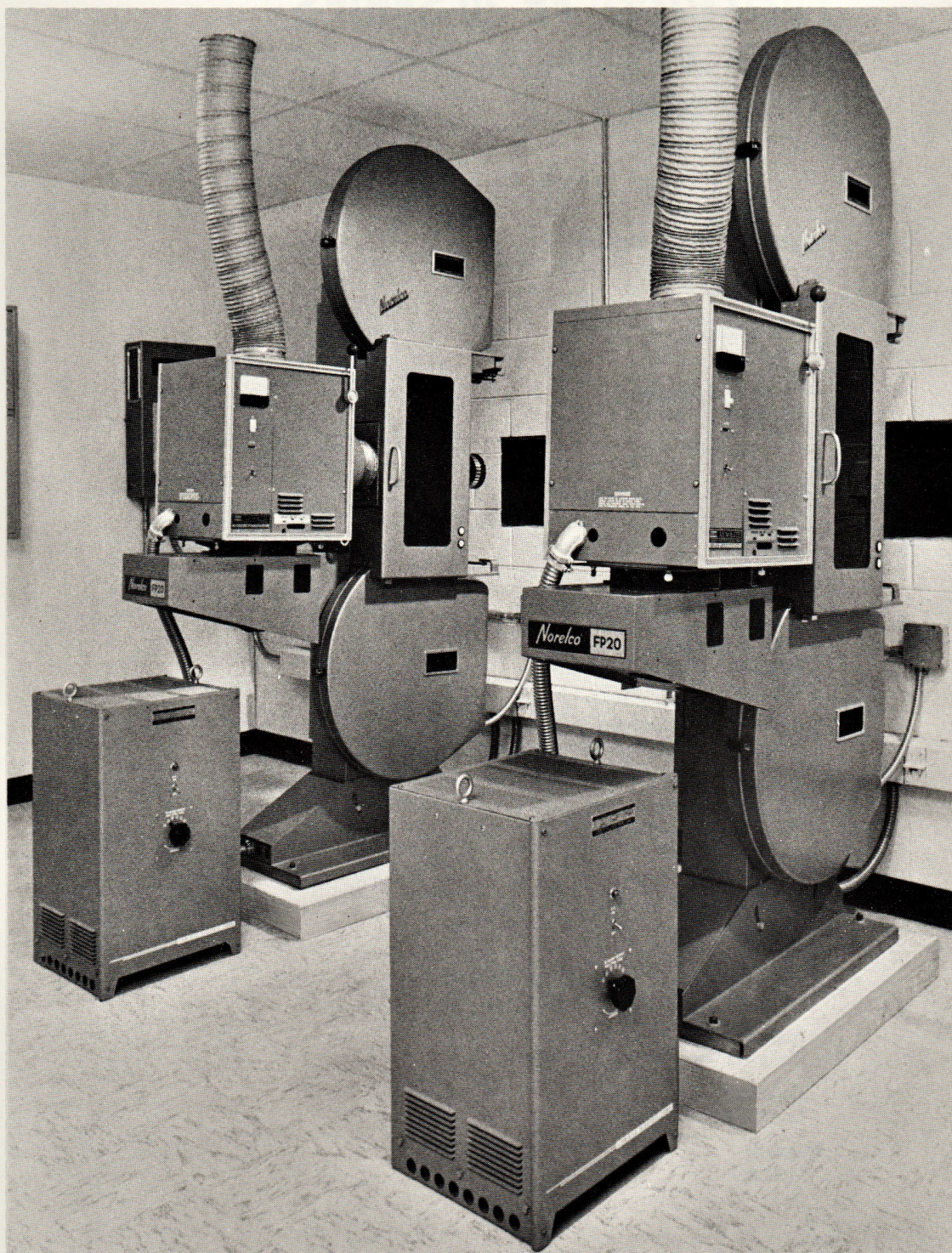


Norelco® FP 20 SERIES 35mm MOTION PICTURE PROJECTOR

TYPE LCB0020



The **NORELCO FP 20** projector contains the latest developments in the field of cinematography...combining maximum performance reliability with exceptional design simplicity. Its principal features include:

- Simple drive mechanism with a minimum of transmissions.
- Easy film threading, few parts on film path
- Framing device of special design
- Minimum maintenance
- Built-in Optical Soundhead. (Four-track Magnetic soundhead also available)
- Outstanding picture steadiness; watercooled curved film gate
- Suitable for all types of 35mm films
- Easy interchange of projection lenses without re-focusing
- Suitable for all types of arc and Xenon lamps
- Automatic film break switch
- Double-speed single-blade shutter provides extremely high light efficiency
- Optional Remote Focus and Remote Framing available
- Equipped with arc lamp bracket
- Built-in changeover

Adaptable to automated programming

Norelco® FP 20 SERIES

35mm MOTION PICTURE PROJECTOR

TYPE LCB0020

GENERAL SPECIFICATIONS

PROJECTION

- **Film Width:**
35mm
- **Linear Film Speed:**
24 frames per second
- **Film Capacity:**
3000 feet
6000 feet (adaptable for automation)
- **Shutter Efficiency:**
54%
- **Motor:**
Non-synchronous 110/220V, 60 c/s
- **Projection Angle:**
Adjustable from +15° upward to
25° downward
- **Intermittent Mechanism:**
90° pull-down. Optional: 60° pull-down
- **Lensholder:**
For 2-25/32" diameter lenses
For 4" diameter lenses

SOUND

Optical

PEC—type 3546PW—Voltage: 90V nominal
(reducible to 65V for balancing)

Exciter Lamp:
Philips 5V, 4A Prefocus type 7251C

Solar Cell:
Norelco type EL 4402

Magnetic
Optional

TYPE NUMBERS AND WEIGHTS

LCB0020/—FP-20 projector w/optical
soundhead and 3000 ft. magazines . . 310 lbs.
With 6000 ft. magazines 370 lbs.
Magnetic Soundhead—EL 4028/00. 14 lbs. 5 oz.
Lens holder—EL 4029/00 1 lb. 5 oz.

*North American Philips Corporation reserves the
right to make changes in design, construction
and specifications, details of which do not
appear in this catalog issue.*

Norelco®

**MOTION PICTURE
EQUIPMENT**

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