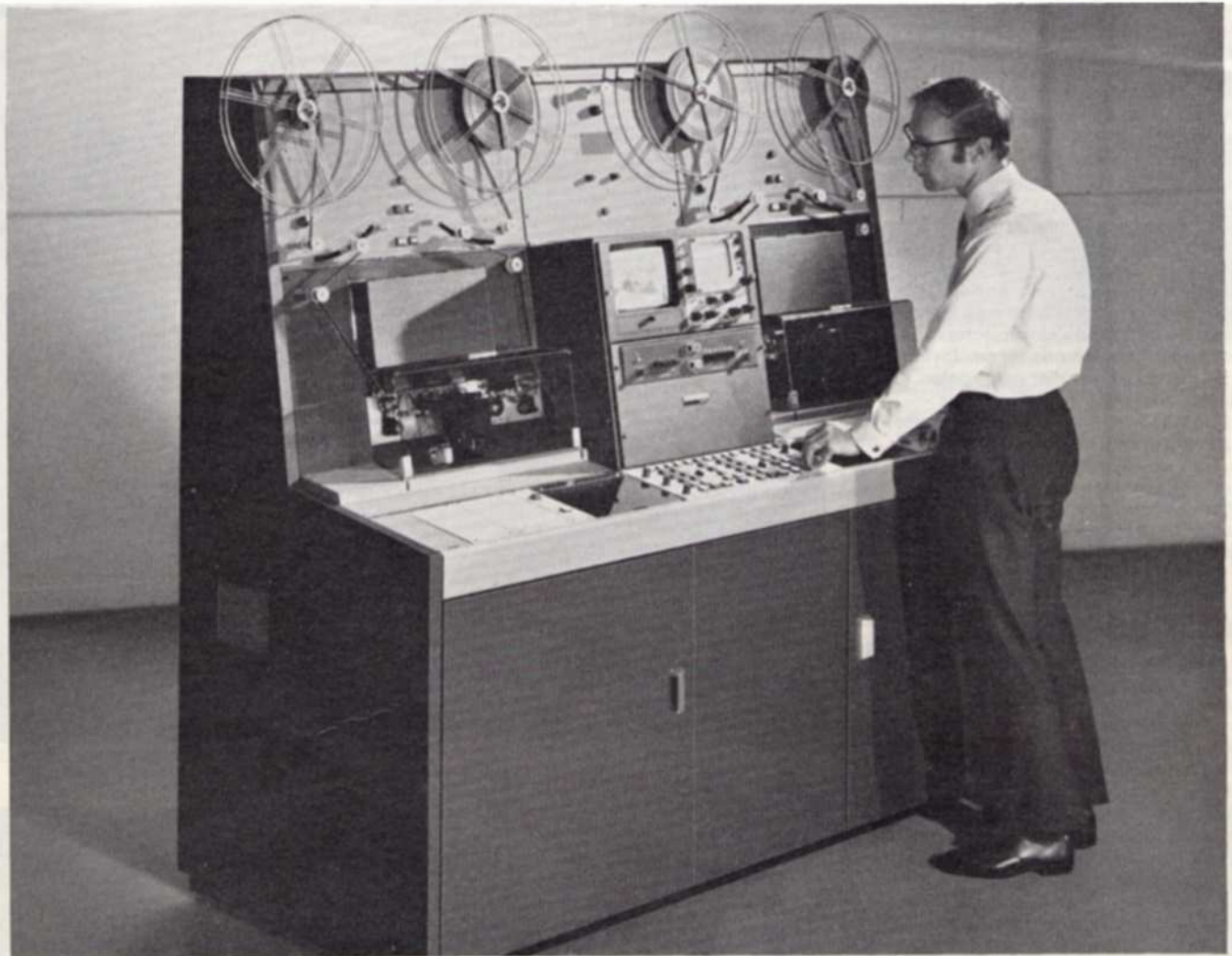




Telecine

B3404



## Features

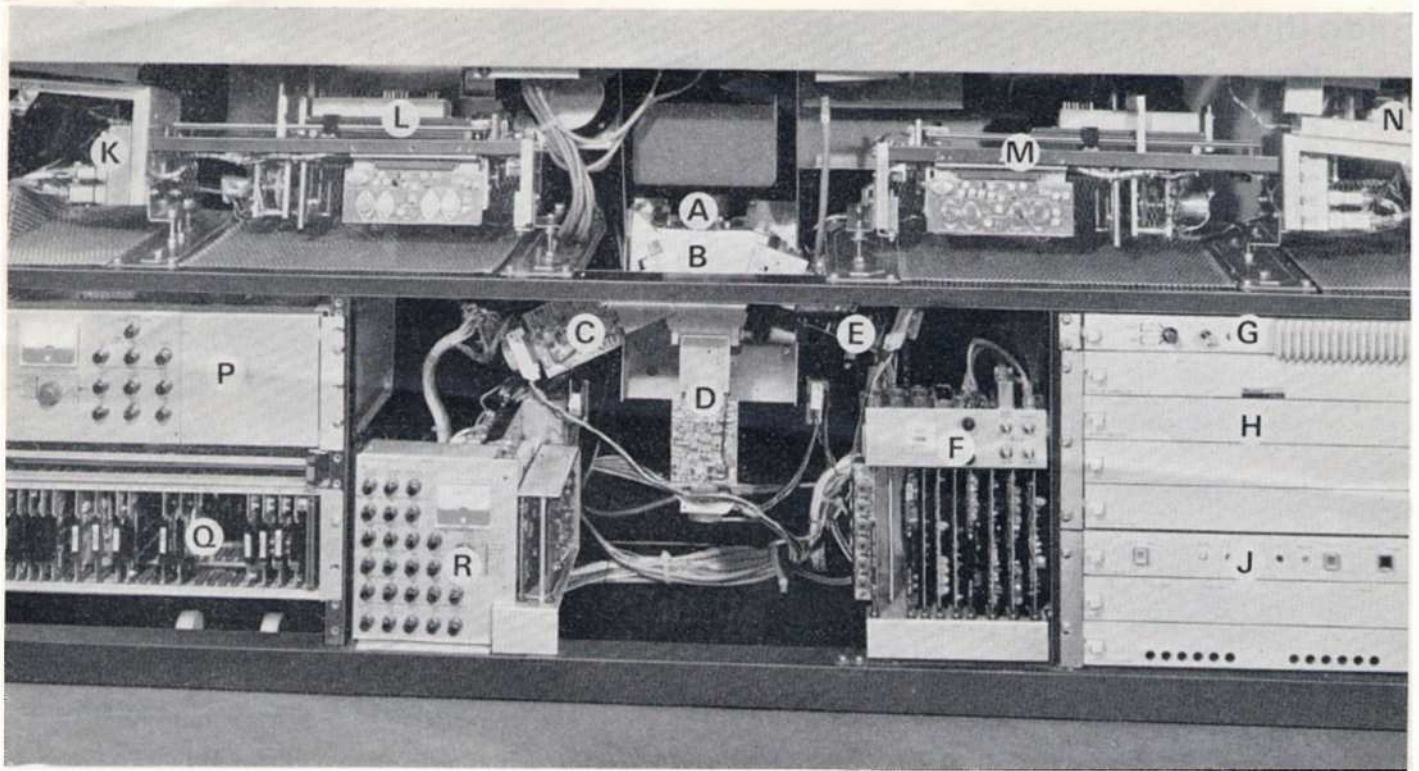
- 16mm instant start
- 16mm variable speed
- 16mm fast wind and rewind
- Minimum floor space
- Front access only for operation

## Facilities

- 16mm/35mm/dual slide
- Remote/local operation
- Positive or negative film
- Fast multiplexing
- Automatic lamp changeover
- Controlled spool tension to prevent film cinching
- Quartz halogen lamps
- Simple film lacing path
- Calibrated colour balance controls

## Options

- Automatic registration
- Automatic colour balance
- Autowhite and autoblack
- Frame selection and store
- Camera preview
- Variable Gamma
- Optical Mix



*Layout of interior units*

- 3 Instant start (when previously shown or previewed). No preroll necessary.
- 4 Automatic stop and cueing to a pre-determined frame by means of metallic marker on the wanted frame.
- 5 Film capacity 1220m (4000ft). Minimum core diameter 50.8mm (2in).
- 6 Provision for running a loop of film approximately 3.2m (10.5ft) long.
- 7 Optical and magnetic sound heads are fitted. The optical sound track can be on either side of the film without the need for readjustment. Automatic changeover to a standby exciter lamp is provided.
- 8 Automatic loop forming.
- 9 Automatic loop restoration.
- 10 Light control by means of a servo controlled 100:1 graded neutral density disc.
- 11 Automatic projection lamp changeover.
- 12 Constant tension spooling.
- 13 Spool-to-spool rewind facility.

**KEY**

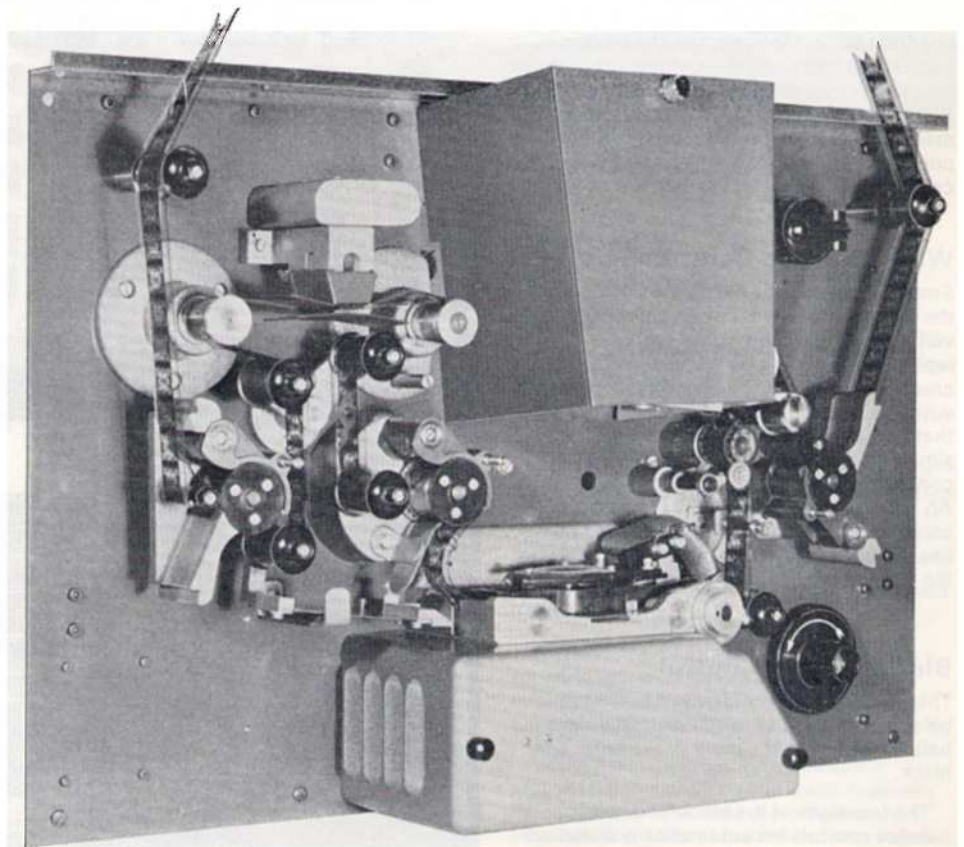
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>A Multiplexer</li> <li>B Camera Dichroic</li> <li>C Blue Head Amplifier and Yoke</li> <li>D Red Head Amplifier and Yoke</li> <li>E Green Head Amplifier and Yoke</li> <li>F Camera Electronics</li> <li>G Colour Coder B3373</li> <li>H Vision Processing Unit</li> </ul> | <ul style="list-style-type: none"> <li>J Automatic Registration Unit</li> <li>K Slide Illuminator Lamphouse (LH)</li> <li>L Slide Illuminator (LH)</li> <li>M Slide Illuminator (RH)</li> <li>N Slide Illuminator Lamphouse (RH)</li> <li>P Camera Power Supply Unit</li> <li>Q Projector Logic Unit</li> <li>R Projector Power Supply</li> </ul> |
|--|---|
- 
- 7 Light control by means of a servo controlled 100:1 graded neutral density disc.
  - 8 Automatic projection lamp changeover.
  - 9 Constant tension spooling.
  - 10 Spool-to-spool rewind facility.

## 35mm Projector

This projector is a version of the FP20 with standard facilities but mounted on a vertical plate. The film passes from left to right across the gate in a manner similar to the film path of the 16mm projector. The projector is fitted with a Marconi lamphouse similar to the 16mm projector and suitable logic control. Mounted above the projector mechanism is a spooling plate again similar to that for the 16mm projector.

The following facilities are provided :

- 1 Forward and reverse running at normal speed.
- 2 Forward inching.
- 3 Automatic stop and cueing to a pre-determined frame by means of a metallic marker on the film.
- 4 Film capacity 914m (3000ft). Spool diameter 50.8mm (2in) minimum.
- 5 Provision for running a loop of film approximately 3.5m (11.5ft) long.
- 6 Optical and magnetic sound-heads are fitted. The magnetic head is of the 4-track CinemaScope variety. Track 2 is normally used. The exciter lamp can be quickly replaced.



*35mm Projector based on FP20 mechanism*