

Fig. 1 M.3-35mm 2T

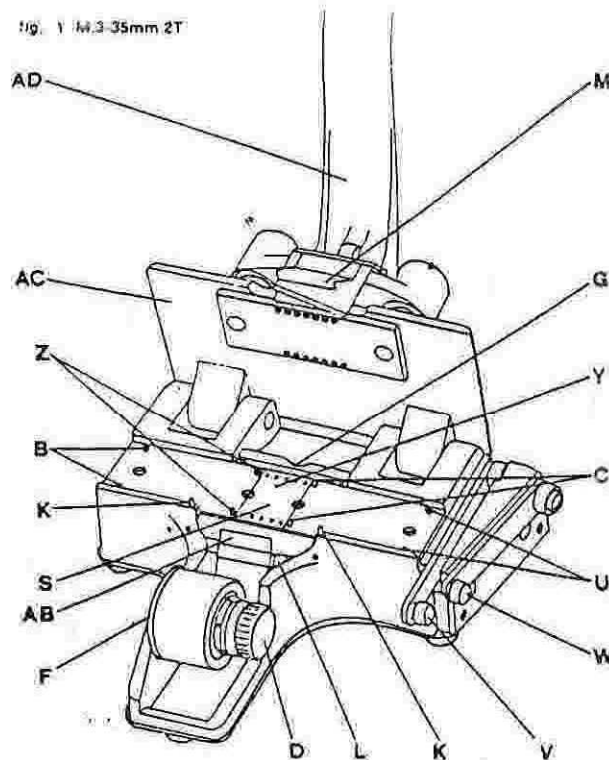
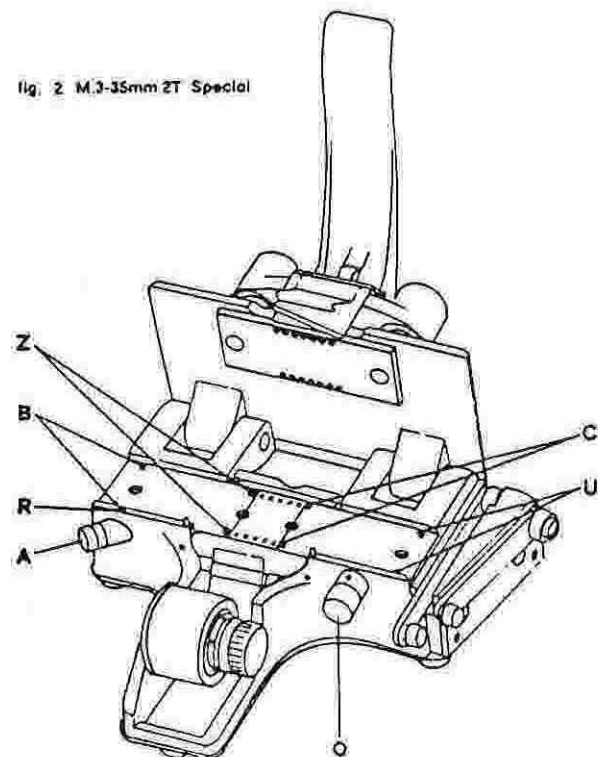


Fig. 2 M.3-35mm 2T Special



ATTENTION:

for a correct use and to avoid injuries to the operator, place the splicer on a flat, stable surface when operating.

Before using the splicer, make sure:

- 1) that the adhesive tape (S, fig. 1) - three or four superimposed layers - is applied to the matrix. It ensures that the little rectangles cut off by the perforators remain under the matrix and do not turn over sticking to the film.
NEVER TAKE IT OFF, BUT RENEW IT FROM TIME TO TIME!
- 2) that the adhesive tape is pushed tight to flange (F) and well centred in respect to the central pins (C-B). Tapes of different widths may be centred by removing or adding flanges, available in various thicknesses.
With our 35mm/2 FRAMES models, it is particularly important that the 38mm wide tape is centred to cover exactly two 35mm film frames.
- 3) that the adhesive tape unroll tension is well regulated, turning knob (D).
Tape unroll tension control has become necessary since not all commercially produced adhesive tapes have the same unwinding characteristics, depending on different peculiarities of adhesive used (more or less adhesion) or on different internal diameters of tape core (as a rule 1") or on the tape core material itself (cardboard or plastic).

FILM CUTTING

Fix the film to registration pins (C-U, fig. 1) and use straight cut (V) for the picture. The M.3-35mm 2T splicer has an additional diagonal cut (W) for magnetic film.

FILM SPLICING

- fix the two film ends to be spliced to the registration pins (B-Z/C-U), ensuring they butt accurately at matrix centre (Y, fig. 1)
- pull adhesive tape and (AB) forward and fix on bridge (G). When using 35mm/2 FRAMES splicers, fix it between the guide-lines on rear bridge (G).
Ensure that tape is well stretched and adhering to bridge to facilitate the cut, then smooth it down on film taking care to avoid wrinkles and air-bubbles.
- lower the top casting (AC) and push the handle (AD) as far as it will go.
Thanks to the specific characteristics of the new M.3, lowering the handle, it will automatically perform the following operations:
 - a) the adhesive tape will be cut and punched according to film width and perforation as in previous models.
 - b) the top casting, when lowered, will press down the two pins (K) which, by means of a special mechanism, will make the "New Bridge" bar (L) rotate upwards, towards the matrix.
 - c) the new TAPE METAL PRESSURE PLATE (M) will firmly fix the adhesive tape on the "New Bridge" bar (L)
 - d) lifting the handle again, the "New Bridge" bar (L) will return to its original position, leaving the adhesive tape end ready for the next splice.
- repeat the operation on reverse side of film.

ATTENTION: On splicing magnetic film, apply the adhesive tape only on the base of the film.
If the scene has two sound tracks (i.e. Cinemascope film), after having made the first splice on film base, apply a piece of adhesive tape on rear film centre ensuring not to cover both sound tracks and perforations. For this purpose you may use the little adhesive tape tab left on bridge (G) after the first splice.

SUPPLEMENTAL INSTRUCTIONS FOR USE OF THE M.3-35mm & 445-35mm 2T "SPECIAL"

Basically the method of use of the M.3 "SPECIAL" models is as described for the M.3. Substantial improvements have been introduced in the M.3 "SPECIAL" models to obtain more precise splices. With the new MICROMETRICAL REGISTRATION PIN REGULATOR, by turning knob (A, fig. 2), you can move the pins (B-Z) on left side of matrix, varying their distance from the central fixed pins (C). In such way all types of sprocketed polyester, acetate, new, old, long or short 35mm films with different perforation pitches can be aligned in a perfect butt position without overlap or a gap between them.

This is extremely important because:

- If there is a gap, splices running on projector will form an incorrect loop, as shown in the drawing:

- If there is even a slight overlap, the splice will be rigid and will modify the film loop this way:

- but, if the splice is perfectly closed, the correct loop will be maintained, the splice itself will be far more resistant and will pass noiselessly in projection, without hitting the pressure plate of the film-gate:

If you use always the same type of film (with the same pitch length) you may lock the micrometrical regulation movement by tightening screw (R).

With the new system of RETRACTABLE CUTTING-GUIDE-PINS (U, fig. 2) you may, by rotating knob (O), lower the pins (U) under the matrix surface. In such position it is possible to splice also very short-pitched films which otherwise could not be fixed to both central pins (C) and external pins (U) without damaging the perforations.

The retractable pins (U) must be up to fix film on matrix for cutting in order to cut on the exact centre between two perforations (practically on frame-line centre between two film frames).
For easy frame-line location, especially with dark pictures, see the special accessory "LINE-LIGHT".

SPLICER SERVICING

This splicer does not require special servicing. All that is needed is to remove the adhesive deposits which, from time to time, collect on the inner parts of the "U"-knife (AE, fig. 3) and inside the perforator heads (AF).
The dismantling of the parts to be cleaned DOES NOT REQUIRE TOOLS!

CLEANING OF THE "U"-KNIFE (AE) AND PERFORATOR (AF)

- unscrew left milled knob (AG) and remove lever pivot pin (AH)
- remove lever (AD), tape pressure plate (M) and pressure piece (AK)
- remove the whole perforator holder block (AL) and use a soft brush wet with suitable cleaner to wash out from inside of "U"-knife (AE) and perforator-heads (AF) any deposit.
- reassemble parts ensuring that the red point on the "U"-knife shows towards you.

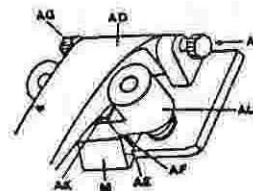


Fig. 3

NEVER SHARPEN "U"-KNIFE (AE) AND PERFORATOR-HEADS (AF) JUST KEEP THEM CLEAN!

CLEANING OF MATRIX

- remove the adhesive tape layers (S, fig. 1) from matrix-centre, but DO NOT clean the little rectangles of adhesive tape cut off by the perforator, from the matrix holes.
- clean the matrix edges along which tape is cut by the "put-knife" with suitable cleaner.
- reapply 3 or 4 layers of adhesive tape on matrix-centre.

TRIMMING-LINE REGULATION OF SIDE CUTTER ASSEMBLY

If, for any reason, the trimming-line (AM, fig. 4) gets out of place, re-adjust it with the two screws (AN). This is however a delicate operation which requires technicians' skill and precision.

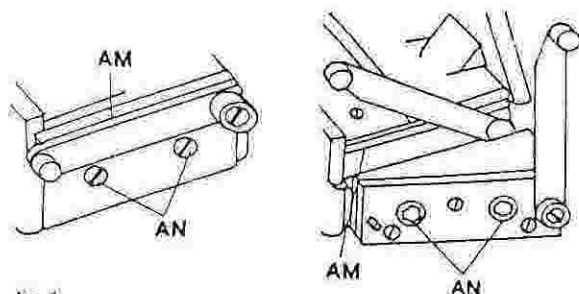


fig. 4

ACCESSORIES

SKID PLATE 35mm

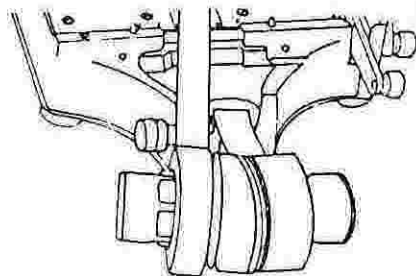
Easy fitting to M.2 models without modifications to the splicer. Standard outfit on M.3 & M.3 "SPECIAL" models.

- protects supporting surface from scratches
- gathers the little rectangles of adhesive tape cut off by the perforator
- makes the splicer more stable

TAPE FOR TWO 35mm

Easy fitting to all M.2 & M.3 models without modifications to the splicer.

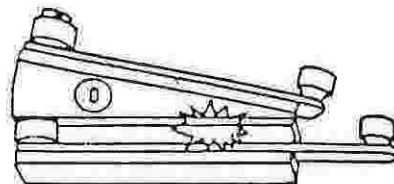
- keeps ready for use two types of adhesive tape: white for magnetic and transparent for picture film;
- allows regulation of tape unwinding resistance according to operator's preference;
- change of tapes in few seconds
- stronger splices on magnetic films with tape edges parallel to diagonal cut.



LINE-LIGHT 35mm

Easy fitting to all 35mm splicers; without modifications to the splicers.

- illuminates pictures near the trimming-line for easy frame-line finding (particularly useful for very dark frames as trailers, title-heads etc.)
- built-in long-life battery, changeable in few seconds
- especially designed lamp for extra-strong light. Easy to change. Available in two versions: with single cutter, for picture cutting only or with double cutter of which one straight for picture and the other diagonal for magnetic film.



ADHESIVE TAPES "FOR CIR SPLICER"

With special backing and adhesive. Available in the following widths:

- 8,5m/m (covering exactly two frames of Super 8 film)
- 15,3m/m (covering exactly two frames of 16mm film)
- 17m/m (covering exactly four frames of Super 8 film) for use with our M.3-SUPER 8-2T SPECIAL splicer.
- 38m/m (covering exactly two frames of 35mm film) for use with our M.3-35mm/2 FRAMES splicers.
- 25m/m (for 35mm film).
- * in 10 metre and 20 metre long rolls.



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SPLICER FOR 35mm FILM

Mod. M.3-35mm

Mod. M.3-35mm 2T

Mod. M.3-35mm SPECIAL

Mod. M.3-35mm 2T SPECIAL

English

Operating instructions:

before operating the unit please read this manual thoroughly and retain it for future reference

The operations for use are identical for the following models:

- M.3-35mm NEGATIVE "SPECIAL"
- M.3-35mm CINEMASCOPE "SPECIAL"
- M.3-35mm NEG./2 FRAMES "SPECIAL"
- M.3-35mm POS./2 FRAMES "SPECIAL"
- M.3-35mm/4 x SUPER 8

Manufacturing of splicers with transparent non-perforated adhesive tape on CIR Patents for all types of film: cinema, photo, magnetic, video, micro, multiple neg./pos. and specials.

CIR srl, 00050 S. Severa (Roma-Italy)

Tel. +39 0766 570008/181 Fax 571390

