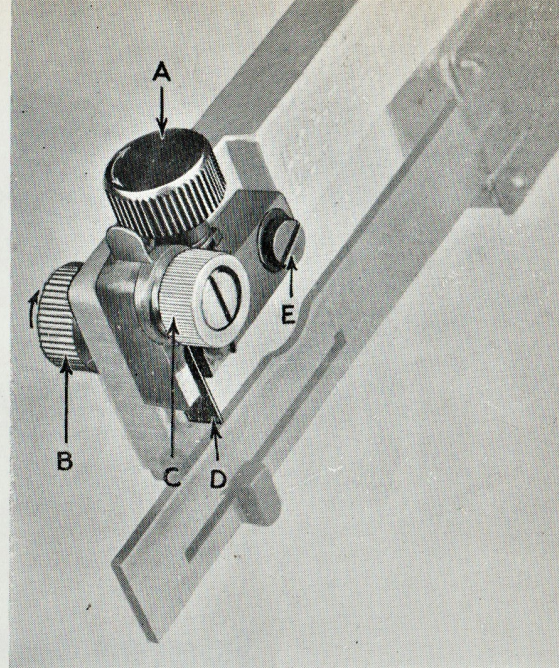




## MARK III SCRAPER HOLDER

### INSTRUCTIONS



#### REPLACING MARK III SCRAPER BLADE

##### WHEN REPLACING BLADE "D" :—

- Undo screw "C", remove washer and defective blade.
- (1) Slacken Screw "B"  $\frac{1}{2}$  turn away from operator (opposite to arrow)
- (2) Turn Screw "A" one full turn clockwise.
- (3) Insert and trim 2 thicknesses of film on left hand film bed and push Scraper Holder over film.
- (4) Insert new Scraper Blade "D" in slot so that it rests on the film. Assemble washer and Screw "C" and *tighten* up firmly. Ensure that the blade remains in light contact with the film when tightening Screw "C".
- (5) Leave one piece of film trimmed on Left Hand film bed, then adjust screw "A"  $\frac{1}{4}$  turn at a time *anti-clockwise* until blade is just rubbing the film on the normal push/pull scraping movement.
- (6) Continue to adjust Screw "A" *anti-clockwise*  $\frac{1}{8}$  of a turn or less until exact depth of scrape is achieved.

(NOTE. If unit over scrapes reverse movement of adjusting Screw "A".)

##### TO ADJUST SCRAPER NORMALLY DURING USE :—

Undo Screw "B"  $\frac{1}{2}$  turn away from operator (opposite to arrow) and turn Screw "A"  $\frac{1}{4}$  turn *anti-clockwise* to increase scrape or vice-versa. Lock up Screw "B" (per arrow) after *each* adjustment with Screw "A".

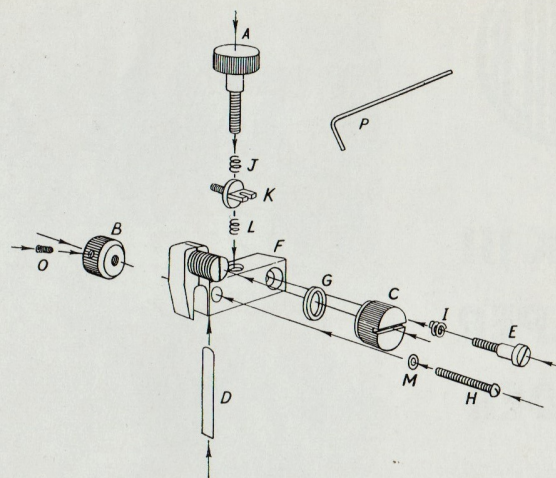
(NOTE. Keep Screw "E" tight at all times.)

#### FITTING MARK III SCRAPER HOLDER

When first fitting the Mark III Scraper HOLDER (less the Scraper Blade "D" and locking screw "C") assemble as per sketch of exploded view of components. (on reverse)

When Holder is assembled to main casting (Pt. 1.) ensure the slot for the SCRAPER BLADE "D" is square to the slide bar by adjusting Screw "A"; OR alternatively that the top edge (lengthwise) of the Scraper HOLDER is parallel to the top edge of the main casting (Part 1 per Parts List;) then proceed as from (2) above. When fitting "H" to assembly tighten with screwdriver. Screw nut "B" handtight and release by one turn back. Tighten grub Screw "O" with Allen Key provided. Release "H" with screwdriver. The block need now only be hand-tightened or released at "B"





## Spares List

### AUTOMATIC FILM SCRAPER FITTED WITH MARK III BLOCK

Body	...	...	S/1
Main Blade	$\frac{1}{8}$ "— $\frac{3}{32}$ "— $\frac{1}{16}$ " (STATE SIZE)	...	S/2A
Spring Plate	...	...	S/4
Guide Piece	$\frac{1}{8}$ "— $\frac{3}{32}$ "— $\frac{1}{16}$ "	...	S/5
6 B.A. $\times \frac{1}{4}$ " Screws for Spring Plate	...	...	S/10
6 B.A. Washer for Guide Piece	...	...	S/11
6 B.A. $\times \frac{3}{8}$ " Rd. Hd. For Guide Piece (35 mm. only)	...	...	S/12
6 B.A. $\times \frac{1}{4}$ " Ch. Hd. for Guide Piece (16 mm. only)	...	...	S/13

### BLADE AND BLOCK COMPONENTS (MARK III)

A.	Height Adjustment Screw	...	S/14
B.	Locking Knob	...	S/15
C.	Blade Clamping Knob	...	S/16
D.	Blade	...	S/17
E.	Pivot Screw	...	S/18
F.	Block	...	S/19
G.	Hardened Collar	...	S/20
H.	Locking Screw	...	S/21
I.	$\frac{5}{32}$ " Double Thackeray Washer	...	S/22
J.	6 B.A. Double Thackeray Washer	...	S/23
K.	Support Fork	...	S/24
L.	3 Coil Spring	...	S/25
M.	Small 6 B.A. Washer	...	S/26
O.	6 B.A. $\times \frac{3}{16}$ " Allen Grub Screw	...	S/28
P.	6 B.A. Allen Grub Screw Key	...	S/29

#### NOTES:—

When ordering, type of Joiner (16 mm. or 35 mm.) and prefix "S" must be stated at all times.

The letters A—P against Block and Blade components refer to the illustration. Parts S/1-S/13 inclusive as above are common to all Marks of Scraper Blocks.

Besides stating if model 35mm. or 16mm., also state if model is Senior 16mm.





# AUTOMATIC FILM SCRAPER

## Instructions

### Fitting the Blade Holder to the Automatic Scraper

1. Place the blade holder on to the arm with the height adjusting screw (centre screw) keeping it in that position. Make sure that the scraping blade itself is well clear of the centre bar.
2. Now fit the hinge screw (nearest to front of joiner) and tighten this up almost fully.
3. Fit locking screw (nearest to rear of joiner) and tighten this up almost fully.
4. Place a piece of film stock between the scraping blade and the centre bar and adjust the height of the scraping blade until it is just in contact with the film. This adjustment is obtained by means of the height adjusting screw. To **lower** the scraping blade on to the film the adjusting screw must be turned in an **anti-clockwise** direction; to **raise** blade, turn in a clockwise direction.
5. Tighten the hinge screw and locking screw.
6. Test the depth of scrape by moving the scraping blade across a piece of film stock placed in the left-hand clamp.
7. If it scrapes insufficiently, loosen the hinge and locking screws and **slightly** lower the scraping blade by means of the height adjusting screw, then adopt the procedure in 5 and 6.
8. If, however, the scrape is too much and the film tears, loosen the locking and hinge screws and slightly raise the scraping blade. Then continue as in 5 and 6.
9. Continue this procedure until the emulsion and binder are being removed cleanly and without tearing the film. (About 5 or 6 strokes of the blade).
10. Now the joiner is ready for normal use. Make sure the hinge and locking screws are fully tightened.

N.B.—DO NOT LET THE SCRAPING BLADE COME IN CONTACT WITH THE CENTRE BAR.

### DO's and DONT's

1. Hold and operate the unit by the finger piece.
2. Move the scraping blade back and forth across the film with **quick firm strokes**.
3. Keep the blade and bar clean at all times. Old dried film cement can cause damage.
4. Occasionally apply a little lubricant to the slot in the bar.
5. See that the film is lying flat on the bar. If the film should not be lying flat the scraper may tear the film.
6. **DON'T** when scraping unnecessarily knock the unit against either end. Prolonged and hard knocking can cause serious damage to the main casting.
7. **DON'T** lower the right-hand clamp without making sure that the scraping unit is at the furthest point of its backward stroke.

If these instructions are carried out you will get the best use and the longest wear from your PREMIER AUTOMATIC SCRAPING ATTACHMENT.





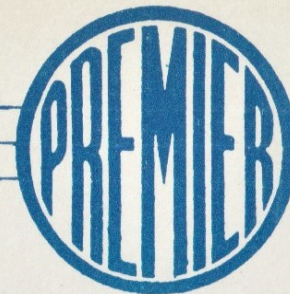
# AUTOMATIC FILM SCRAPER

## Instructions

(Replacing Operation 5—Splicing Instructions)

## HOW TO OPERATE

- This Scraper is adjusted before leaving our Works and is set to remove the emulsion and part of the substratum from standard film bases. It is fully automatic in action providing the instructions overleaf are carefully adhered to.



# AUTOMATIC FILM SCRAPER

## Instructions

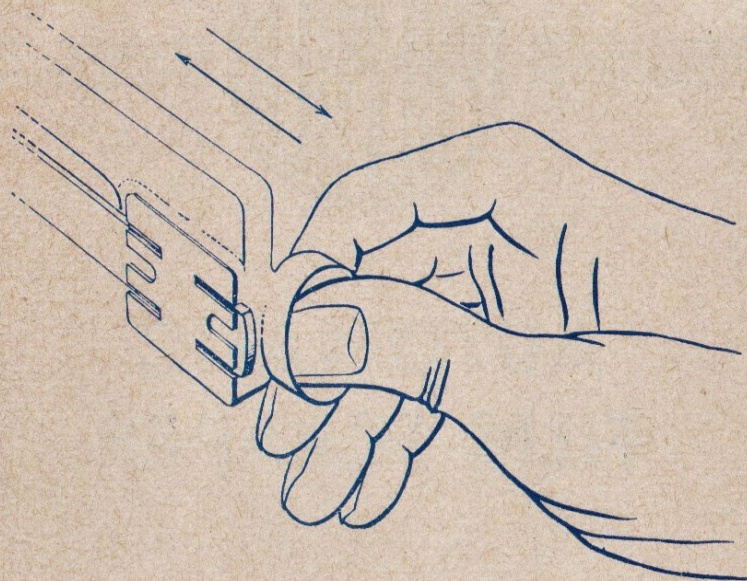
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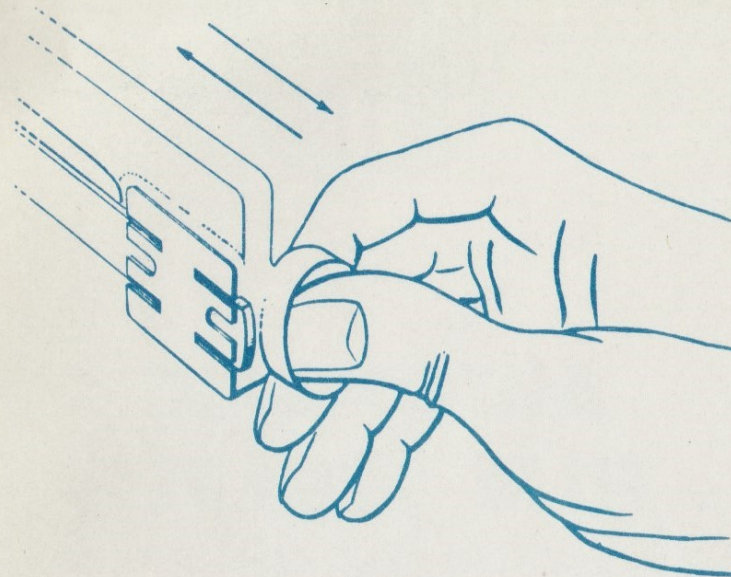
## Automatic Film Scraper



1. Hold the Scraper Unit lightly by the finger piece without gripping.
2. Push fully across the film and pull back with quick FIRM STROKES.
3. Keep the blade and scraper clean at all times.
4. Do not force blade if obstruction is felt, as this might break blade.
5. Occasionally apply a little lubricant to the slot in the bar.
6. Ensure film is always flat on bar as buckled film may cause tearing of the perforation.
7. AVOID ANY UNNECESSARY KNOCKING AGAINST THE SCRAPER BODY AT ALL TIMES.

*If these instructions are carried out you will get the best use and the longest wear from your PREMIER AUTOMATIC SCRAPING ATTACHMENT.*

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**PREMIER AUTOMATIC SCRAPING ATTACHMENT**