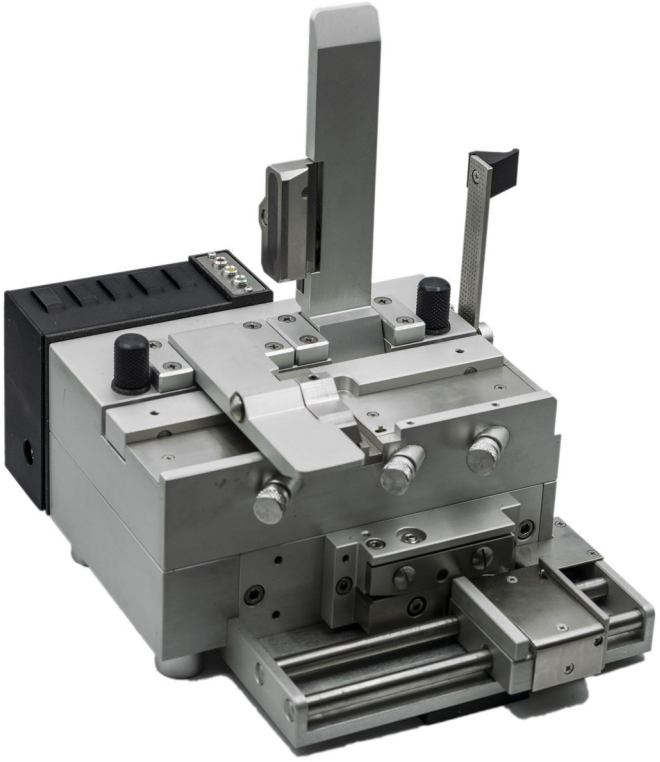
Mac2 Cine1 35mm

MAC2 Cine1 Splicer is especially designed for splicing 35mm film and repairing any splice, even on very old library shots.
It resolves the film pitch and/or width variation problems also arising with ageing acetate or nitrate film.
Thanks to a series of well-engineered matrix regulations it works perfectly with in-pitch and well aligned splices and also enables you to renew defective splices before printing, thus eliminating possible transport problems.
The electronic spiral miller accurately scrapes the film emulsion and simultaneously vacuums the entire resulting residue eliminating any ”rain” effect on the film.
The system brain is the logic and feeder control box which main purpose is to keep constant the splice heather presser and control all parts correct behavior.



PACKAGE CONTENT

- MAC2 Cine1 Cement Splicer unit
- 24vcc feeder & mains cable.

STARTUP

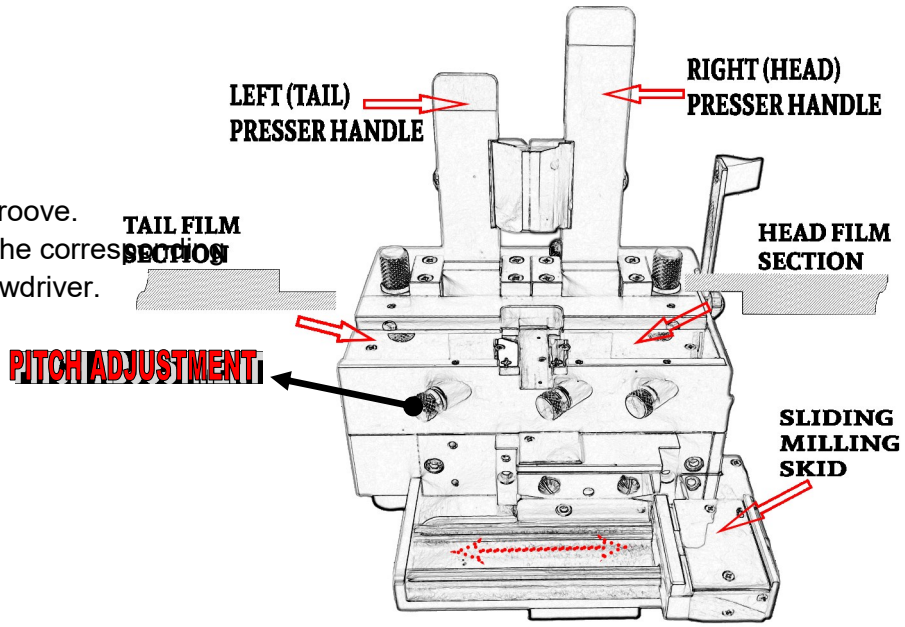
- Place the MAC2 Cine1 main unit over a flat and stable working surface.
- Connect the MAC2 Cine1 main unit to its feeder (and the feeder to the Mains through the provided cable).
- Switch on the MAC2 Cine1 through the red main button switch.
  - A short beep will confirm the correct logic activation.
  - A short (1”) milling run (YELLOW LED on as well) will confirm the correct miller activation.
- The RED LED will then light up together with a ‘floating GREEN LED light for the heating necessary time.
  NOTE: The miller is already active but it is adviced not to proceed in using the splicer (the heated presser head, in the specific) until the operating temperature is reached.
- Once the operating temperature is reached, the equipment will play a melody. RED LED will goes off while GREEN LED will lights steady up.
  The working temperature of the heated presser handle floats around 37 Celsius degrees.

Power save state: 60’ from the last miller use (or startup procedure completion), the equipment will switch to a power saving state with all features off but the GREEN LED blinking together with a low level popping sound. To restore the equipment to its working state, activate the miller: the restart procedure will begin and equipment will be back operative once heating procedure is completed.

It is important to keep the heated presser handle up during the heating and in general when not in use, so to avoid termal dispersions, heating times expansion, shortening of the electronics components life.

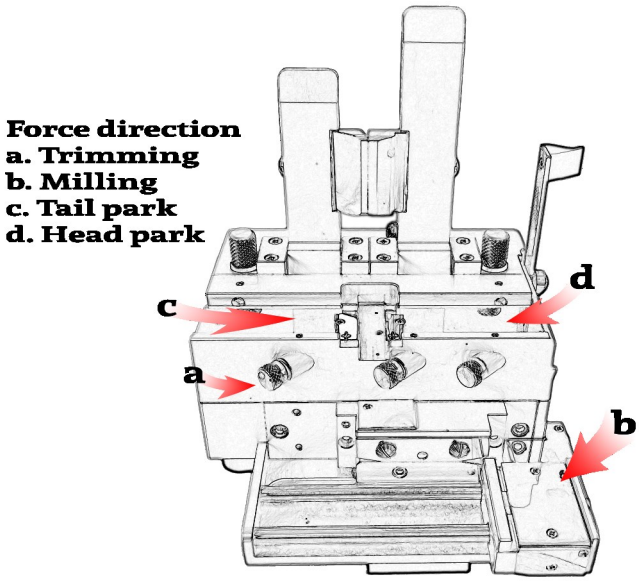
WORKFLOW

CHECK/ADJUST the film pitch:
Place the film into its proper guided groove.
Adjust (eventually) the pitch through the corresponding control screw using the provided screwdriver.



SPLICING

In the procedure we assume that the main film section (*TAIL)* is kept on the left side while the secondary film section (*HEAD)* stays on the right.



1. Proceed in trimming the ***tail*** film section placing it into its channel having the reference pin into the closest to the cutting point available perforation.
2. Insert the film into its *sliding milling skid* proper channel. Have the byside chart as reference for a proper positioning.
3. Slide from right to left the milling skid* until the film milling is complete.
4. Remove the film from the *sliding milling* skid and slide the skid back in its parking position.
5. Place the newly scraped tail section of the film into its proper format film channel (tail section -> left splicer section) and lower the left presser handle.
6. Proceed in repeating point 1 to 4 for preparing the ***head*** film section.
7. Apply over the tail prepared and held section the correct amount of cement glue.
8. Place the scraped head section over the held and glued tail section having the necessary care in avoiding placement misalignings.
9. Lower the heathed head (right) presser handle and raise the tail (left) presser handle.
10. Wait few seconds for the glue cathalisation (approx. 30”).
11. Raise the right presser and check the new splice.

It is adviced to exert during the whole procedure as habit a light push when trimming and milling the film so to guarantee a constant contact of the inner border of the perforation when engaging any reference pin. The intent is to get a constant physical reference and a perfect and constant final splice resulting measure.

MONITOR LED OPERATION

FIXED ON	PRESSER LEVELLER TEMPERATURE FAR FROM STANDARD - Do not apply glue.
OFF/ON	Miller Activity LED monitor.
BEATING	HEATING IN PROGRESS
FIXED OFF	PRESSER LEVELLER TEMPERATURE IN WHITHIN USE STANDARDS
OFF/ON	Miller Activity LED monitor.
FIXED ON	EQUIPMENT IS READY TO BE USED.
BLINKING	PRESSER LEVELLER TEMPERATURE FAR FROM STANDARD SUDDEN TEMPERATURE DROP HAS BEEN READ - EQUIPMENT EDMITS AN ALARM
OFF/ON	Miller Activity LED monitor.
BLINKING	HEATING IN PROGRESS
OFF	HEATHER OFF
OFF	USE THE MILLING SKIT TO WAKE UP THE EQUIPMENT
BEATING	EQUIPMENT IN POWER SLEEP STATE A low level popping sound is edmitted while in this state.

CLEANING

This splicer is very solid and its components are wear-resistant.

It is advisable to keep matrix always clear of glue residues, which could dry and make use difficult.

The film scrapings are simultaneously gathered and retained in the appropriate filter.

Clean often the filter unscrewing it, as shown in the picture, and vacuum clean the dust cumulated inside to maintain the working area always tidy.
Note: filter cleaning results important to avoid "rain effect' problems.

TIP

Direct the feeder cable underneath the equipment for a more efficient and stable connection.