

# Film Rewinding Table Cat. CINE6

INSTRUCTIONS MANUAL Ver 1.4



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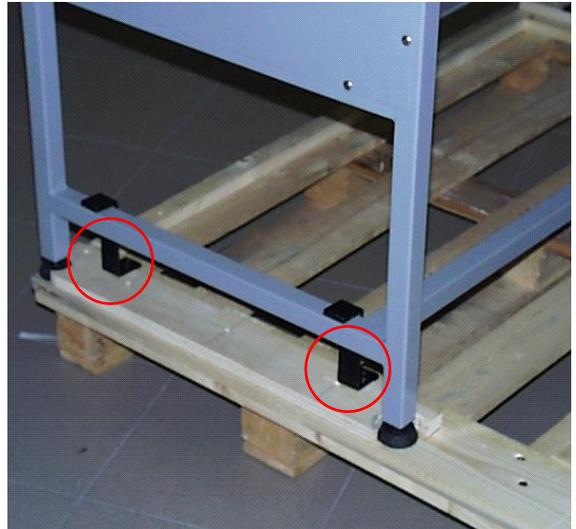
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# INSTALLATION

## 1.1 Packaging basement

To take out the Cine6 from the packaging basement, release it first unscrewing the anchorage brackets!



## 1.2 Security

The functionality and quality of this film rewinder are factory tested. Read carefully the user's guide to ensure security and accuracy of operations. The assembling and initialization of the equipment require people expert in the know-how.

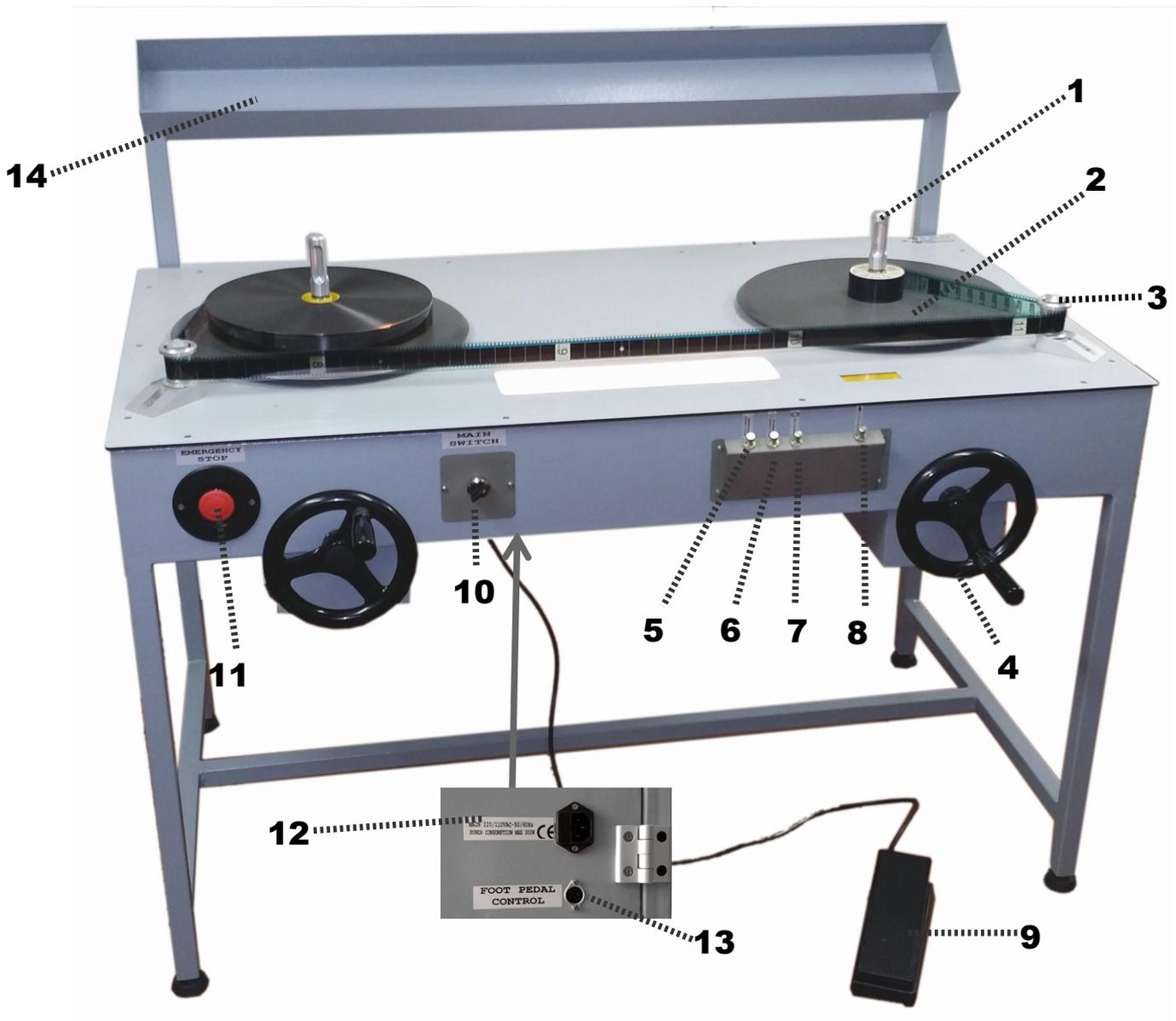
Please attend to the following precautions for your safety:

- Place the equipment on a flat-bottomed floor, eventually compensating differences in level by regulating the little screw-feet.
- Check that equipment is correctly fed according to the labelled AC tension.
- Fuses have been installed for the protection of the electronic cards, of the motors and of the power supply feeders.

An emergency button, handy placed, provides for an immediate stop.

## 1.3 Equipment layout

1. Reel expansion axis (core holder)
2. 2000 feet plates (35mm)
3. 16/35 film roller
4. Handy Transport Wheel
5. Direction Switch
6. Spin Direction Switch
7. Giver Plate Clutch Control Switch
8. LightBox Switch
9. Pedal Control
10. General ON/OFF
11. Emergency Stop Button
12. AC power/plug (underneath)
13. Pedal Control socket/plug (underneath)
14. Shelf-Film Holder



## EQUIPMENT USE

### **SWITCH ON**

To switch on (and off) the equipment use the marked switch.

In case of emergency, use the marked red emergency button to cut off the power to the equipment.



### **NORMAL OPERATION MODE**

The Cine6 inspection table, has been engineered to gives the best possible experience when dealing with old, damaged and fragile films.

The film can be moved slowly and gently manually through the front handles. It is possible, at the same time, to get advantage of the motorized controls to wind/rewind the film.

The equipment will self switch to Motorized mode when the foot pedal control will be activated.

The passage from Motorized to Manual will be trough a "Slowing down" phase, during which, both clutches will be activated so to help, through their friction, the film roll spin-down.

The "slow down" timer can be adjusted (from 0 to 10000 ms) getting into the settings when switching on the equipment.

If, when the "slow down" function ends, the pedal foot control is in a position different from "Stop" (or relaxed), the system will ask to reset it so to avoid any unneeded and risky for the film safety, spin up.



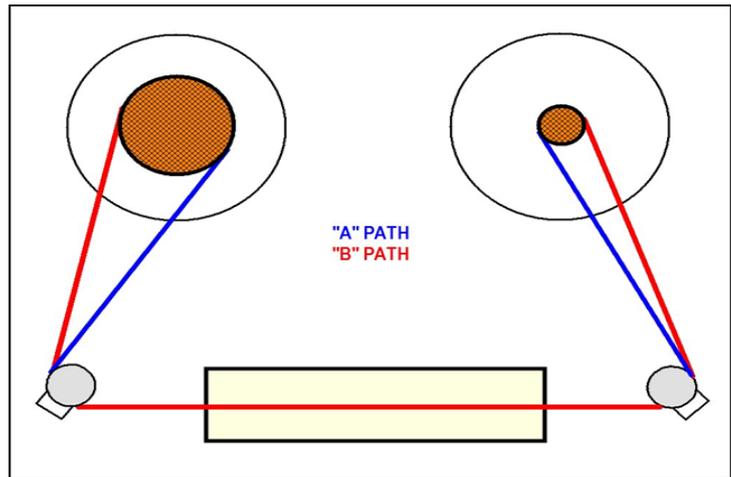
## LOADING

The standard loading scenario is with the film loaded and rolled on its plastic core on the left plate (giver plate).

Film is then hooked to the empty core placed into the right plate (traction plate) after its passage through the adjustable (35/16 mm film width) rollers.

The tension applied to the film when moving (through the manual handles or by motor)

must be generated by the operator applying, with the free hand, the proper friction acting over the *giver plate* or over the *giver* film roller itself.



## EQUIPMENT CONTROLS

Cine6 is equipped with 2 different clutches for every plate/motor asset. The plate-motor clutch of the “giver” plate will be manually controlled through the **clutch** control so to generate a light tension to the film. The “giver” plate clutch can be eventually deactivated leaving it freely moving.

The *handles-plate* clutches are instead automatically engaged/disengaged by the system to avoid harmful rotations of the handles when plates are engaged to motors.

A “basic” and fixed tension can be, then, generated just activating the **clutch** control.

The *tractor plate* spinning direction can be selected as **counter-clockwise** (**Cclockwise** → “A” path from the picture) or **clockwise** (**Clockwise** → “B” path from the picture).

The winding direction can be selected as **Forward Direction** (left plate is the “giver” plate while right plate is the “tractor” plate and pulls the film) or **Backward Direction** (right plate is the “giver” plate while left plate is the “tractor” plate and pulls the film).

Notes:

- The switch in between the Forward and Backward direction, will cause the automatic switch of the spinning direction. This to help the operator in easily switch the film winding direction (when using the motors).
- All controls, except the LightBox switch, are not accessible when motors are active.
- An “!” symbol appearing in the upper left corner when rolling the films, shows the activation of the internal tension protection control to avoid film damages.

## LIGHTBOX

Provided lightbox can be anytime switched on or off.

Brightness can be adjusted (in a scale from 0 to 200) getting into the settings when switching on the equipment.

## OFF SEQUENCE

To switch on (and off) the equipment use the marked switch.

When system is switched off, all selected modalities are stored into the internal flash so to restore the operator selected modality on next startup.

## SETTINGS



To get **access** to the setting menu, keep the *lightbox switch button* pressed when switching on the equipment.

To **confirm and save** the settings, keep pressed the *light switch button* for more than 3 seconds.

## LIGHT BRIGHTNESS ADJUSTMENT (*LIGHT Dimmer*)

Lightbox brightness can be adjusted through the *Winding Direction Button*.

Button pressure will cause the value moving forward (up to 200) and then backward (down to 0) through the scale.

Attributed value can be selected from a 0 to 200 ranged scale.

## SLOW DOWN FUNCTION TIMER SETUP (*SlowDown Time*)

The "Slow Down" time represents the time that will elapse when switching down from the *Motorized* mode to *Manual* and can be adjusted through the *Spin Direction Switch*.

This delay will helps the spin-down of the film plates engaging both clutches so to take advantage of the passive friction and resistance of the motor groups.

Button pressure will cause the value moving forward (up to 2000) and then backward (down to 0) through the scale.

Attributed value can be selected from a 0 to 2000 milliseconds base ranged scale.

## FOOT CONTROL (*FootCTRL*)

The FootCTRL control shows two values that are representing the direct foot control reading (10bit based with a 0 to 1023 range) and the resulting converted 8bit value.

If a foot control calibration is needed, press the *Clutches switch* to get into the procedure.

The calibration can easily executed just pressing once forward and backward the foot pedal control so to allow the system reading of its extremes value.

Press again the *Clutches switch* to exit the procedure.



## TORQUE CONTROL

The system is equipped with an internal torque control limiting logic which purpose is to reduce the traction applied when the force multiplier generated by the difference between the rolls diameter, become risky for the film integrity.

The activation of the protection is shown by a "!" symbol appearing into the LCD display in the upper left corner.

The control can be eventually deactivated just keeping pressed the "winding direction button" during the startup sequence when switching on the equipment.

The "deactivated" state of the torque protection will be shown through a "/" symbol appearing into the LCD display in the upper left corner when motors are engaged.

## FOOT PEDAL CONTROL & PRESENCE BYPASS FEATURE

The inner system logic controls, in some specific situations beyond the standard, the foot pedal control to avoid unexpected plates reactions.

Immediately after the spinning down sequence, the foot pedal control position is checked and must be in the STOP position; if not, a message will pop up asking to correct it.

During the startup sequence, the foot control is expected to be parked in the STOP position; if not (or if the pedal foot control is missing or malfunctioning), a message will pop up asking to move the control to the STOP position. The pushing of the Lightbox Switch will generate a forced exit from this control disabling, at the same time, the motor controls leaving the unit operative in Manual modality only.

## PRECAUTIONS AND SUGGESTIONS

It is advised not to keep running the film for too long (max 1 minute) from the ! symbol appearance to avoid overheating of the electronics.

A self-inner hardware protection will eventually intervene disabling the motor driver to avoid permanent damages. A full reset (*switch OFF/10" waiting/Switch back ON*) will be required to get the equipment back operating.

