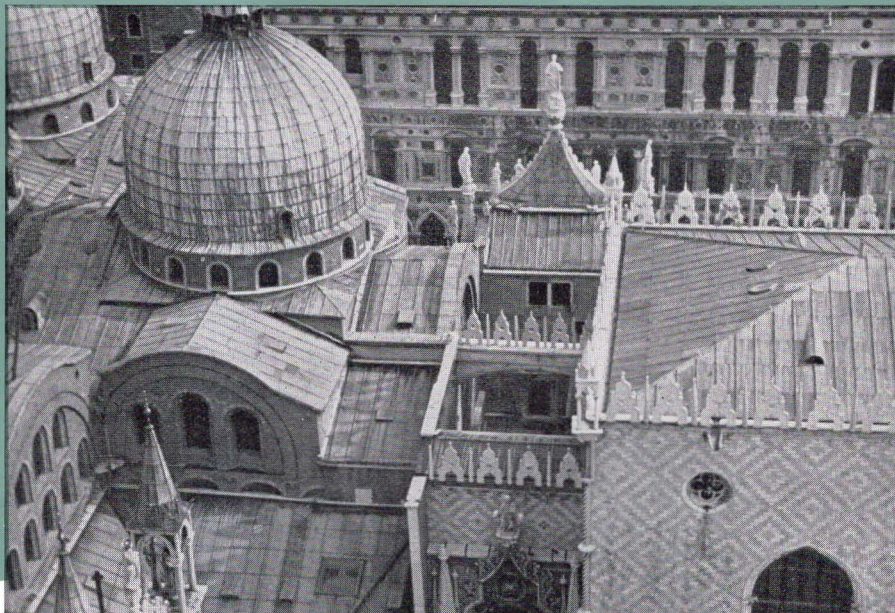


INSTRUCTIONS



3



## ***Spoolwinder***

# Instructions *GaMi 16 Spoolwinder*

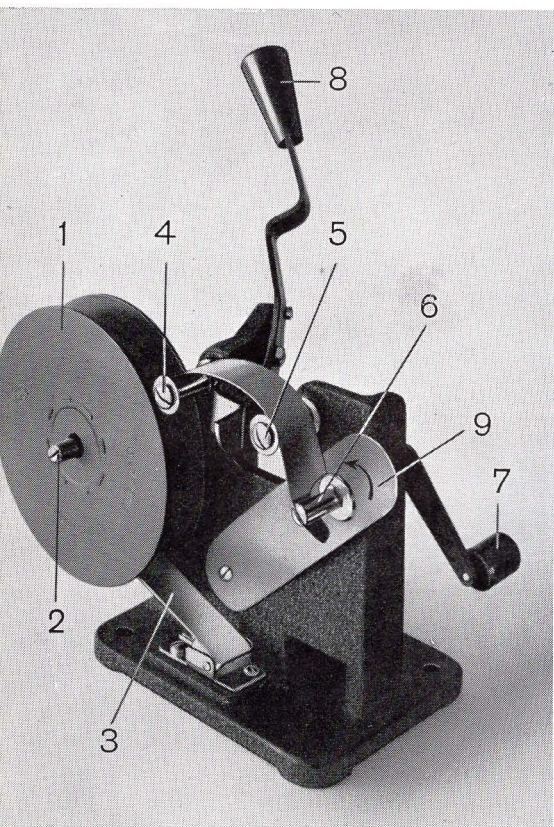


fig. 1

The spoolwinder has been designed to load the GaMi 16 subminiature camera magazines with proper length of 16 mm negative film.

The spoolwinder can be attached to table or bench by a special clamp (fig. 4) or secured to it by means of four screws through the four screw-holes on the base. The film can be taken from regular reels up to 100 feet. If the available film does not already come on a standard metal spool it can be mounted on a special reel (1) composed of two discs which can be separated. Once the reel is disassembled, the film roll can be dipped on one disc and then assemble the other disc on it. These operations as well as all the following must be performed in total darkness. Reel (1) fig. 1, containing the film must be mounted on axle (2) after lever (3) has been lowered. The tail of the film, properly tapered, by the cutter (8) is passed through rollers (4) and (5) and finally inserted into the slit of axle (6).

**The emulsion side of the film should face upwards.** If this does not happen, reel (1) must be turned upside down and reinserted on axle (2).



By turning handle (7) downwards it is easy to have the slit in axle (6) vertically, which facilitates the insertion of the film. Turn handle (7) as indicated by arrow, so that the sensitive side of the film faces internally. 22 complete turns of the handle will roll on axle (6) the length of film necessary to load a magazine for 30 exposures (length of film should be about 80 cm).

Now take a magazine, take off cap from the spool which has no driving axle, and slip spool on the film roll which has been wound on axle (6) fig. 2.

Lower knife (8) and cut film. Turn handle



fig. 2

(7) a couple of turns backwards so that the film roll loses its tension.

Now push plate (9) **outwards**, keeping the spool against it, until axle (6) is completely cleared.

Now the film load is completely and freely contained in the spool, and the cap can be replaced.

Now the magazine can be brought in dimmed daylight for the operation which follows. The taper « S » cut which has been made by the knife (8) is used to insert the tail of the film on the driving axle of the other spool of the magazine.

The same taper cut makes the film tail useful when using the GaMi 16 tank developer, and operates the automatic lock of the GaMi 16 when all exposures are taken.

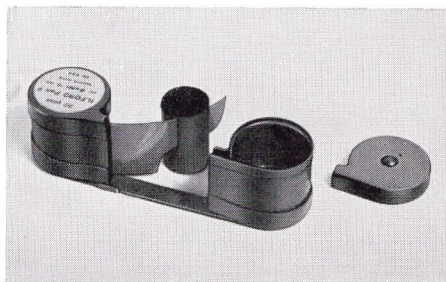


fig. 3

After inserting the tapered end of the film in the driving axle, taking care that the sensitive side faces the axle, bend the protruding portion of the tail sharply backwards. Introduce the axle back in to the cartridge and replace cover.

Turn the axle half turn to check that the film is firmly grasped and does not slip and that advancement is easy enough.

Keep the loaded magazine wrapped in light paper or tinfoil, keep close package with scotch tape or other adhesive.

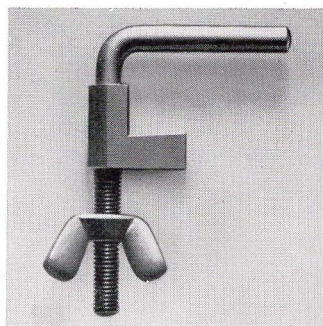


fig. 4



Executed by GaMi 16 mm

OFFICINE GALILEO DI MILANO - MILANO - ITALY