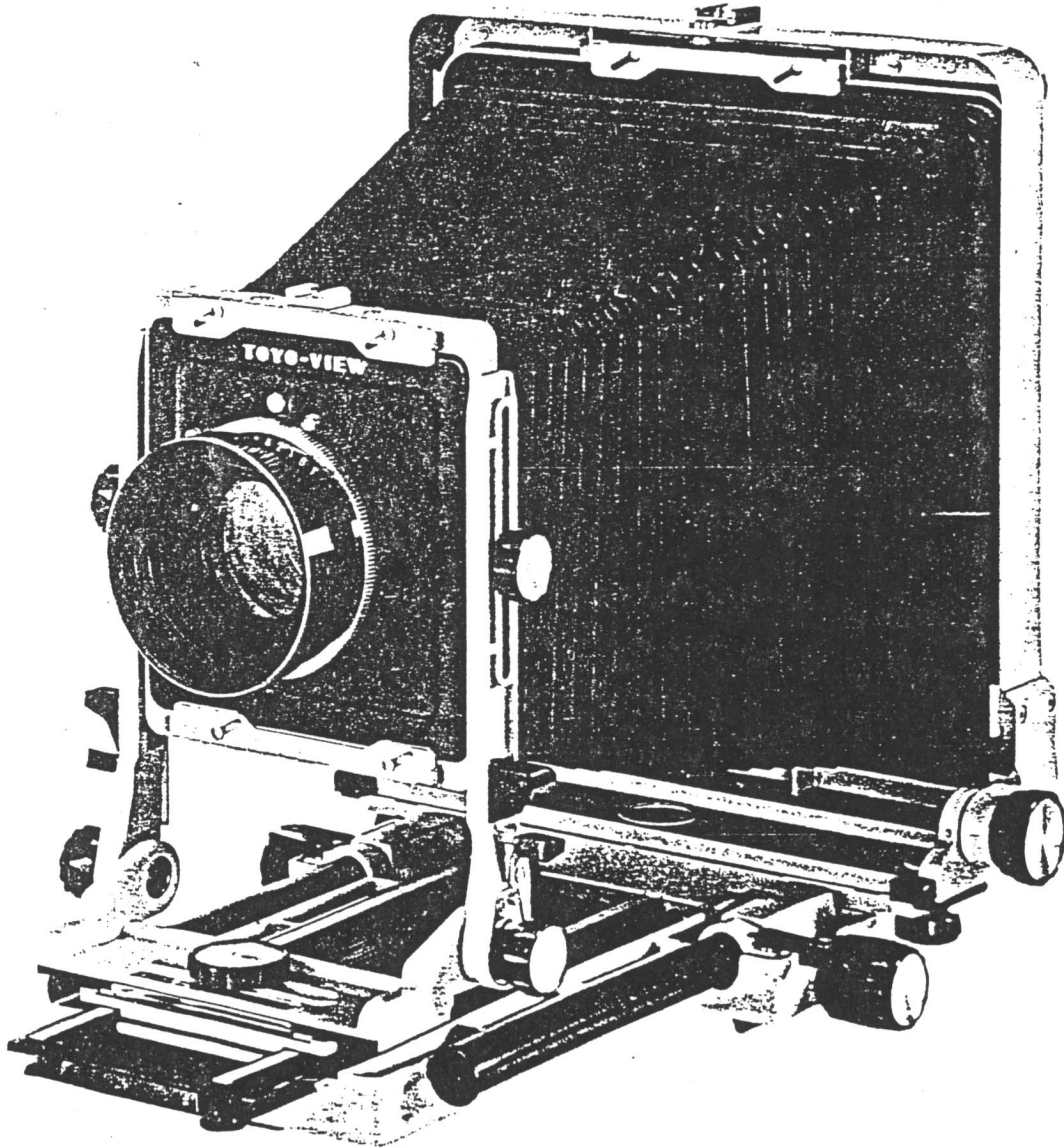


FILE COPY



**TOYO-FIELD** **810M**

# ***INSTRUCTION MANUAL***



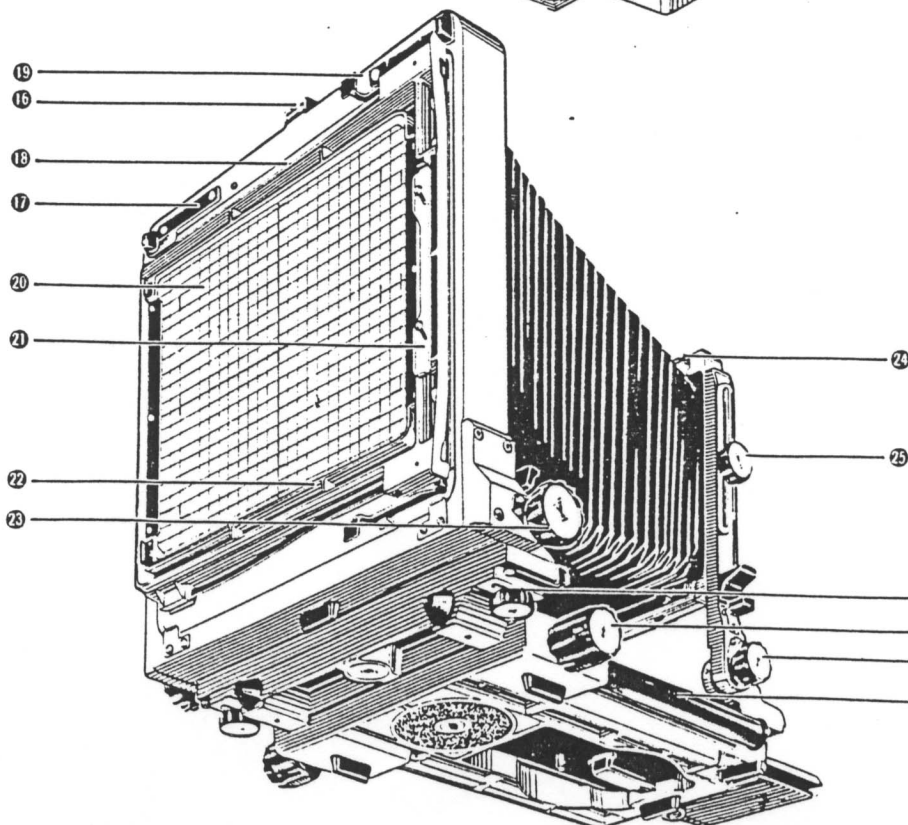
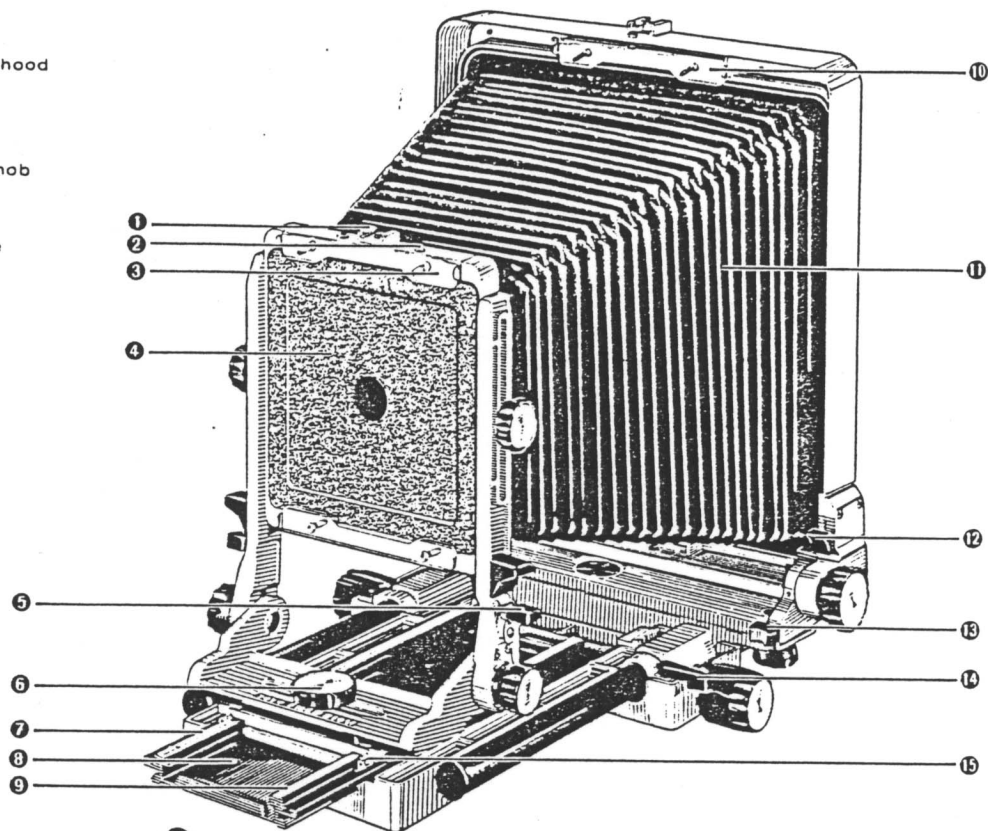
Every effort has been made to make your camera dependable, convenient and easy to use. The following pages will review basic operation and will explain the purpose and use of the many features built into the camera.



**MAMIYA AMERICA CORPORATION**  
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# COMPONENT PARTS

- 1 Accessory shoe
- 2 Holes for bellows lens-hood
- 3 Lens board slide lock
- 4 Lens board
- 5 Tilting stoppers
- 6 Front standard lock knob
- 7 Focusing scale
- 8 Track
- 9 Accessories scale space
- 10 Slide lock
- 11 Bellows
- 12 Camera back stoppers
- 13 Rear swing lock levers
- 14 Focusing lock levers
- 15 Infinity stops

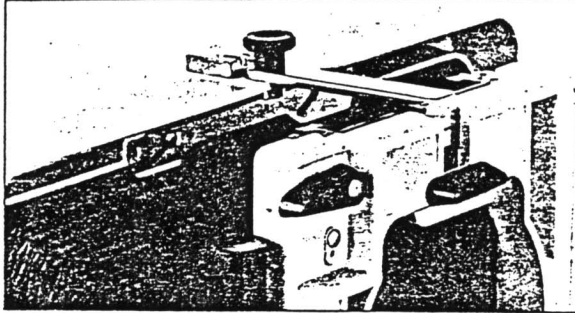


- 16 Accessory shoe
- 17 Slide locks
- 18 Camera back
- 19 Lifting arms
- 20 Focusing glass
- 21 Accessory slide
- 22 Focusing glass frame
- 23 Body lock knobs
- 24 Slide locks for bellows
- 25 Rising lock knobs
- 26 Tilting front lock knobs
- 27 Extension bars
- 28 Focusing knobs
- 29 Rear swing lock knobs

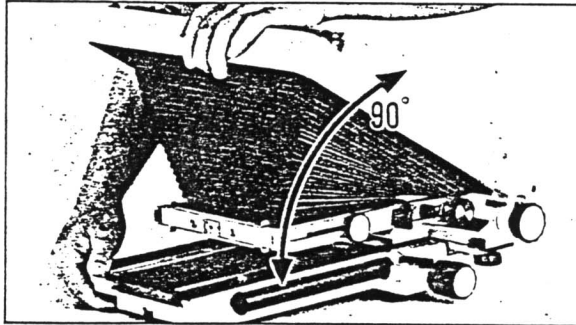
# INSTRUCTION MANUAL FOR TOYO-FIELD 810M

## 1. CAMERA ASSEMBLY:

1. Turn the holding knob anti-clockwise to remove it and then insert it backside of the camera base board.

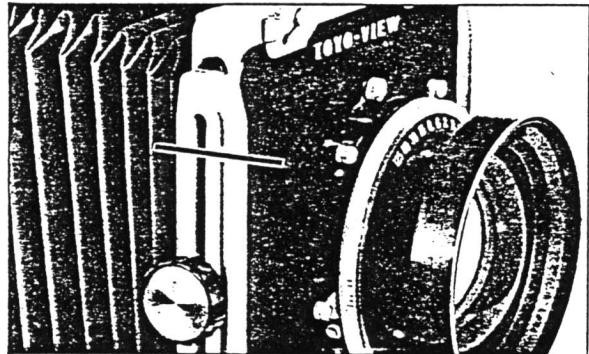
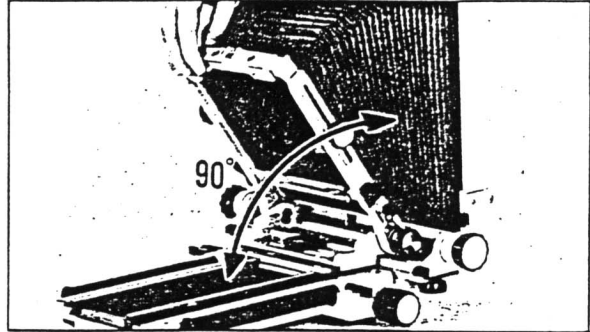


2. Unfasten the body lock knobs (23) and then pull the camera-back backward as shown in the photo. After that, lock the body lock knobs.



3. Position the front standard at 90 degree. Relock the front standard by the tilting front lock knobs (26).

4. Raise the lens board up to the red line, normal position of the lens, relock the rising lock knobs (25).



5. Loosen the front standard lock knob (6) and pull it outward on the track to the infinity stops. Relock the front standard lock knob.

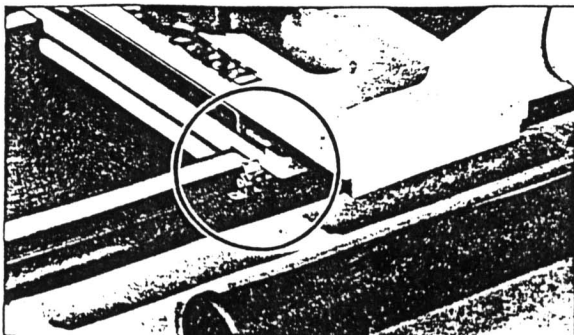
## 2. FITTING AND HANDLING OF EACH COMPONENT PARTS:

### 1. Removal of lensboard

The lensboard can be removed by sliding the lensboard slide lock (3).

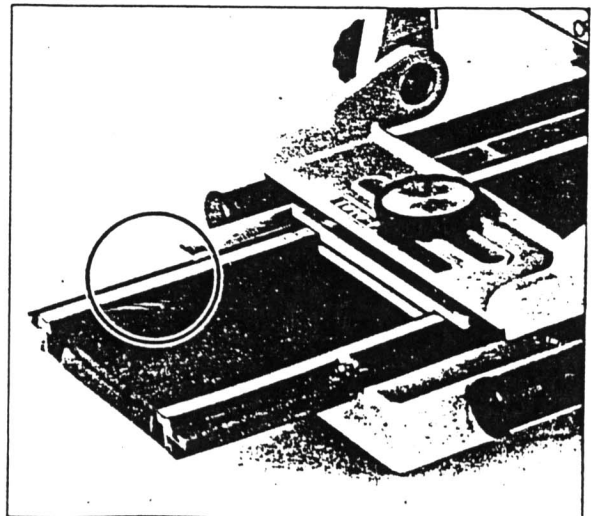
### 2. Infinity stops (15)

A set of infinity stops must be correctly positioned for each lens used on the camera, the position must be decided by the actual focusing on the ground glass, the image must be infinity object. (A set of infinity stops is supplied on the end of track, and a wrench to move the stops also supplied.)



### 3. Focusing scale (7)

The minimum reading unit of the focusing scale is 5mm. The scale is read out at the front end of the front standard.



#### 4. Accessories scale space (9)

This scale space is provided for a photographer's memories for registration, numbering and others.

#### 5. Focusing adjustment by focusing knobs (28)

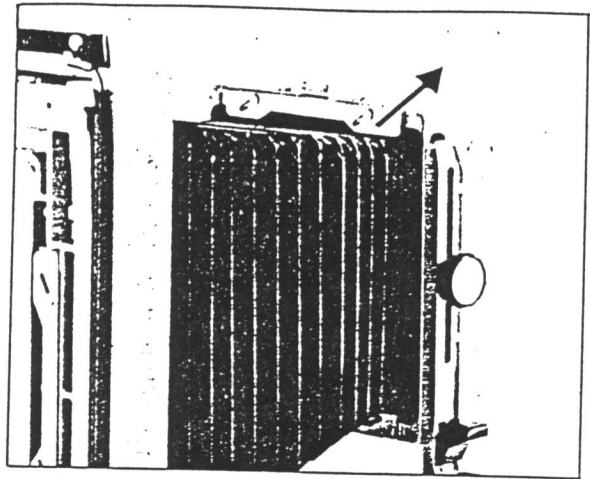
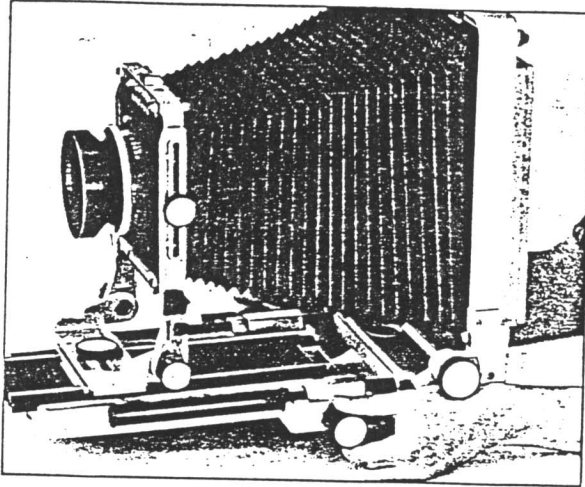
Loosen the front standard lock knob (6) to let the front standard slide forward.

Lock the front standard at the desired position.

The focus knobs will allow the extension bars (27) to move backward, enabling to adjust the focusing. After focus adjustment, fasten the focusing lock lever (14).

- The lens hood can be mounted on the accessory shoe (1), if required.

The lens hood for Toyo View can be used with this camera.



#### 6. Removal of bellows

The bellows can be removed by sliding the slide lock on the front standard frame and the rear frame.

- The extension range of the standard bellows is 87mm to 660mm. The use of the bellows balloon is recommendable for the wide angle lenses.

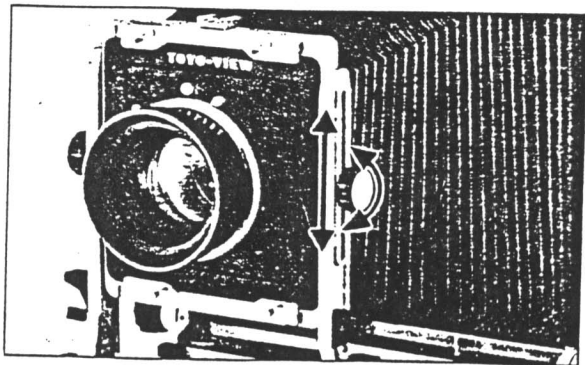
#### 7. Tripod adapter

The screw adapter for tripod can be replaced by the 3/8" screw adapter, the adapter can be loosened with a coin.

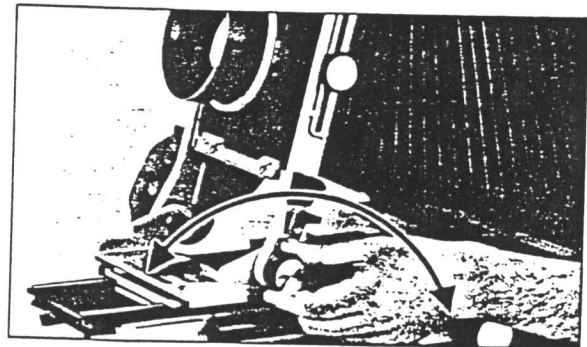
### 3. MOVEMENTS OF THE FRONT STANDARD AND CAMERA BACK:

#### 1. Movement of the front standard

Rise/fall movement: Unfasten the rise/fall lock knobs (25). Move up/downward and position the lensboard by the rising lock knob (25).



Swing movement: Unfasten the tilting front lock knobs (26). Loosen the front standard lock knob (6). Swing the front standard to right or left as desired, and relock the lock knob.

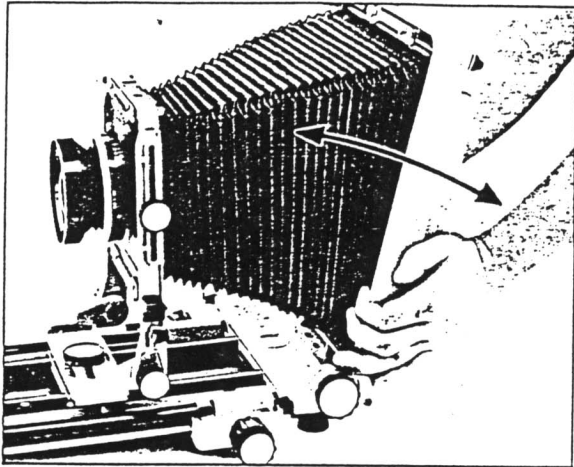


Tilt movement: Loosen the tilting front lock knobs (26). Tilt the front standard to the forward as desired, and relock the knobs. The backward tilting can be done by rising the tilting stoppers (5). The vertical position of the front standard can be obtained automatically.

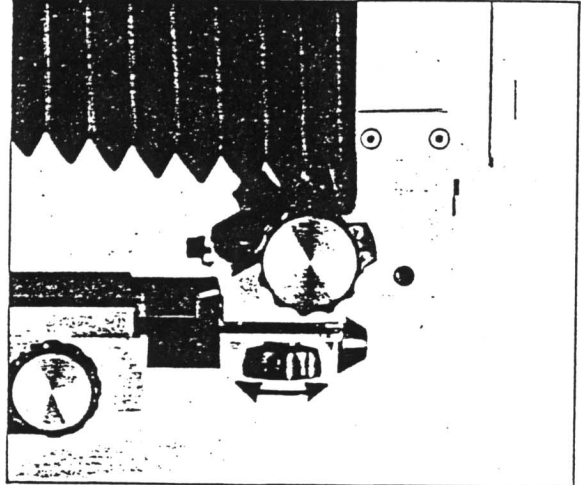
Shift movement: Loosen the front standard lock knob (6), shift the front standard to right or left as desired, and relock the lock knob.

**2. Movement of the Camera back:**

**Tilt movement:** Loosen the body lock knobs (23). Tilt the camera back to the forward as desired, and relock the knobs. The backward tilting can be released by depressing the camera back stoppers (12). The camera back can be positioned at 90 degree automatically.



**Swing movement:** Loosen the rear swing lock knobs (29). Pull the rear swing lock levers (13) outward. Swing the camera back to desired position, and relock the swing lock knobs. After returning the camera back to normal position, depress the rear swing lock levers to original place.

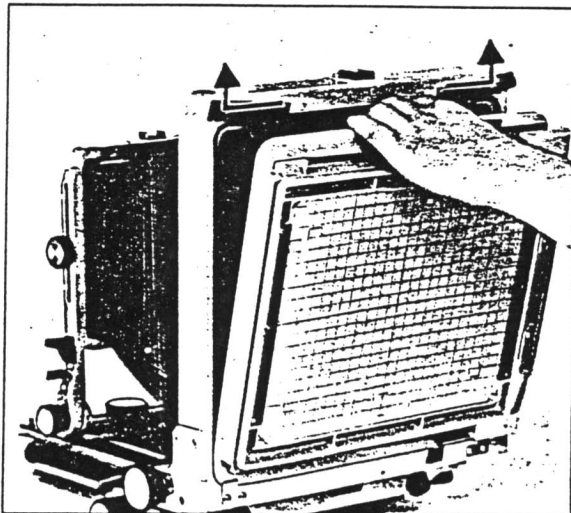


**4. HANDLING OF CAMERA BACK**

**Removal of camera back:**

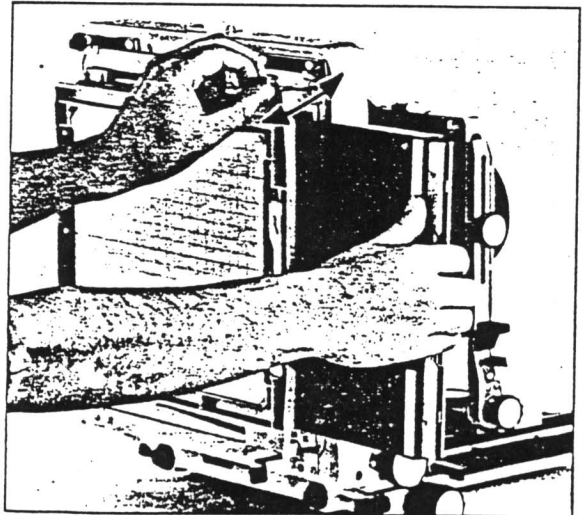
The camera back can be removed by pulling outward the slide lock (21) and then sliding upward.

**Note:** This camera back is reversible either vertical or horizontal directions.



**Insertion of the film holder:**

Pull the lifting arm (19) located at upper or down of the camera back to enable to insert the film holder. Do not move the camera body when inserting the film holder.



**5. AVAILABLE LENSES FOR MODEL 810M**

Many different lenses 65mm to 600mm can be used with this model.

One to one (1 : 1) photographing is possible with use of 300mm lens.

When using the 65mm lens with the quick roll slider,

the wide angle adapter lensboard has to be used.

The extension length of each part:

- Camera back . . . . .185.5mm
- Track . . . . .154mm
- Front standard . . . . .229.5mm