



TOYO-FIELD 45A

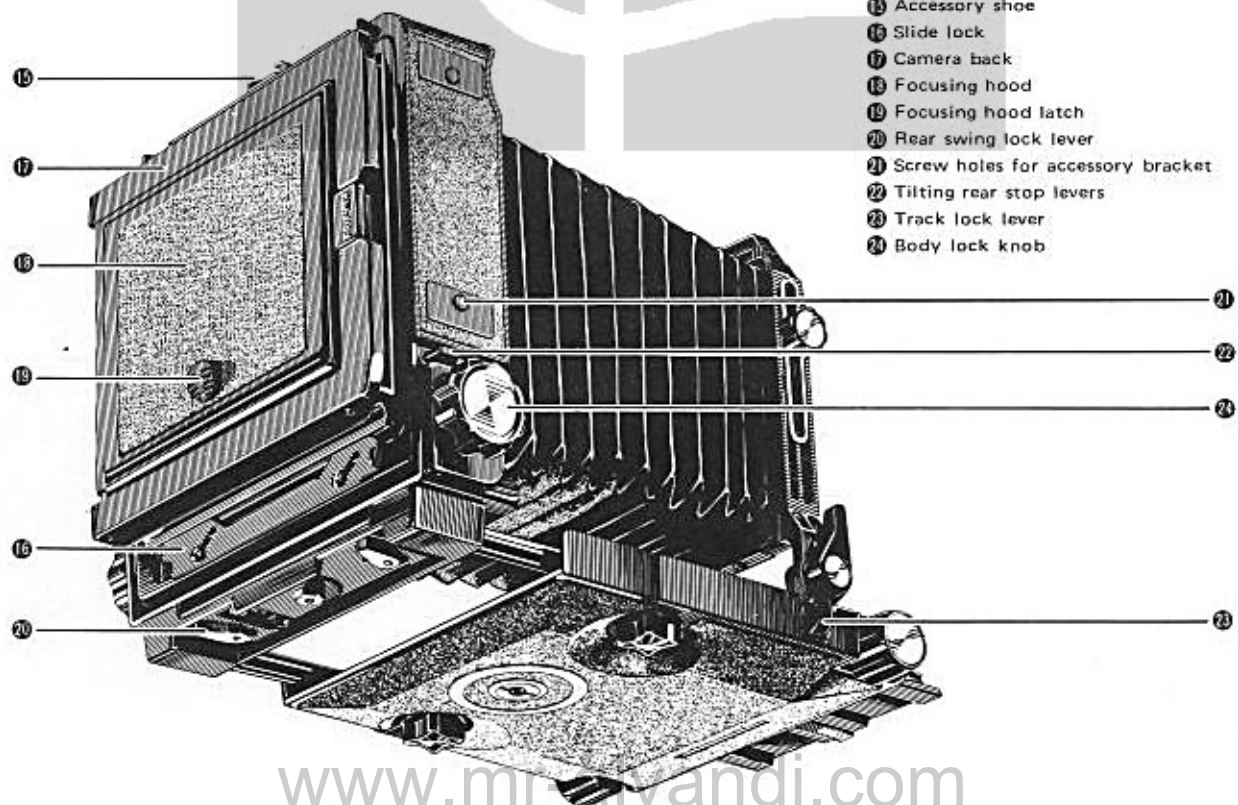
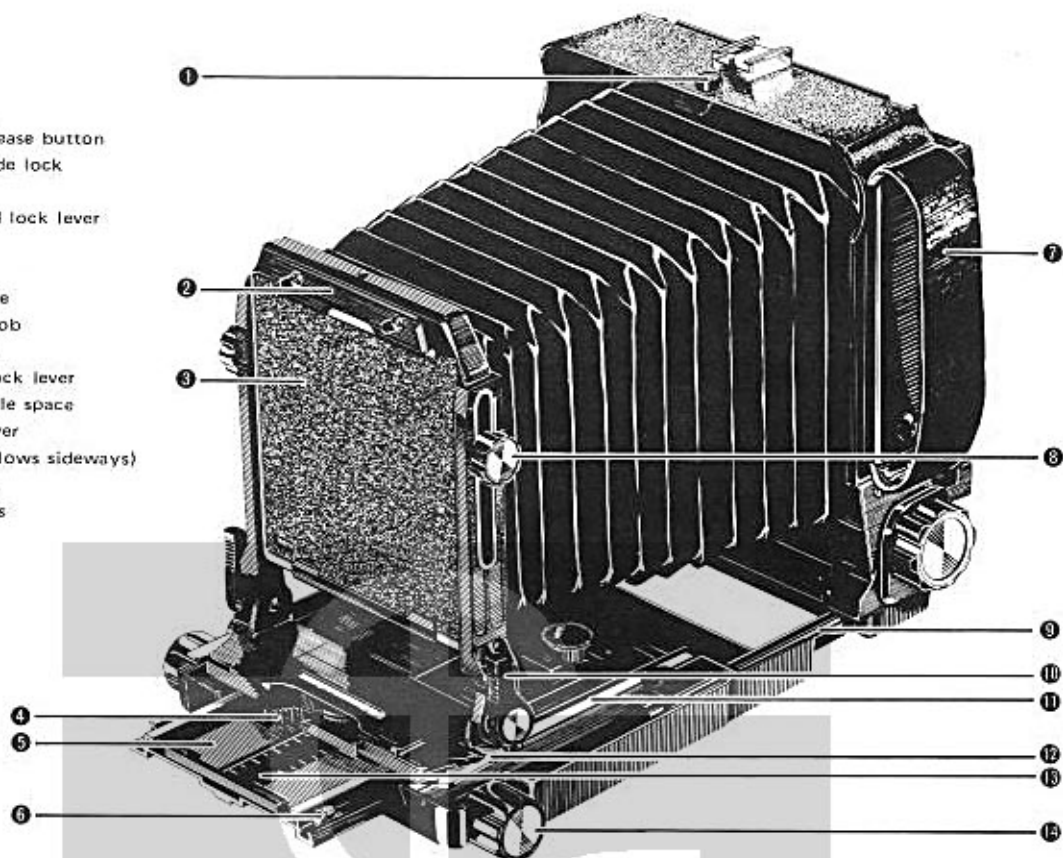
INSTRUCTION MANUAL



www.mr.alvandi.com SHIRO PHOTO CO., LTD.

COMPONENT PARTS

- ① Base board release button
- ② Lens board slide lock
- ③ Lens board
- ④ Front standard lock lever
- ⑤ Track
- ⑥ Infinity stop
- ⑦ Carrying handle
- ⑧ Rising lock knob
- ⑨ Extension pipe
- ⑩ Tilting front lock lever
- ⑪ Accessories scale space
- ⑫ Tilting stop lever
(for tilting bellows sideways)
- ⑬ Focusing scales
- ⑭ Focusing knobs



- ⑮ Accessory shoe
- ⑯ Slide lock
- ⑰ Camera back
- ⑱ Focusing hood
- ⑲ Focusing hood latch
- ⑳ Rear swing lock lever
- ㉑ Screw holes for accessory bracket
- ㉒ Tilting rear stop levers
- ㉓ Track lock lever
- ㉔ Body lock knob

INSTRUCTION MANUAL FOR TOYO-FIELD 45A

1. PREPARATIONS AND CAMERA ASSEMBLY BEFORE CAMERA WORK:

- 1) Unfasten the body lock knob(24).
- 2) Depress the base board release button (1).
- 3) Pull the base board backward until it is vertically positioned at 90° angle, and then fasten the body lock knob(24).
- 4) Slide the base board forward until it comes to one end of its whole moving stroke, and then position it vertically at 90° angle.
- 5) Lock the tilting front lock lever (10).
- 6) Do position the lens board by sliding down/up the rising lock knob(8).

Note:

For optical centering of the lens board, a red circled mark provided on the upper corner of the slided frame of the lensboard. As shown in the photo, this mark must locate just close to the upper end of a lens board holder-frame.

- 7) Do position the front standard as desired, and then fasten the front standard lock lever.

2. FITTING THE COMPONENT PARTS:

Lens Board



- 1) Insert the lens board into the lens board slot and then slide the slide-lock(16) downward to fix the lensboard.

In this case, one portion of the lensboard with white line must face upward. When moving the slide lock(16) upward to remove the lens board, the upper part of the lensboard must be supported by hand to prevent it from dropping down and damaging.

Infinity Stops

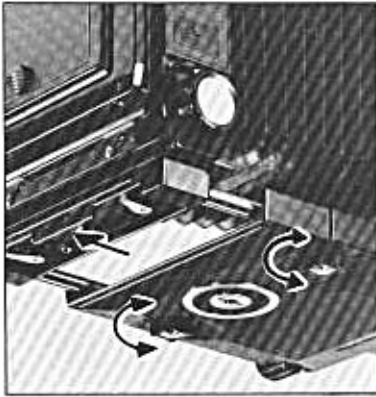


The infinity stops must be slidably located and fixed at free focusing point according to the used lens. In this case, it is necessary to focus the object far away over 100 meter from the camera. The lensboard must be parallel to the film face.

Usually the front standard abuts against the infinity stops. When using the front standard lock lever, the infinity stops can be laid aside.

Another pair of infinity stops can be mounted on the customers' demand.

Rear Extension(Extension pipe)

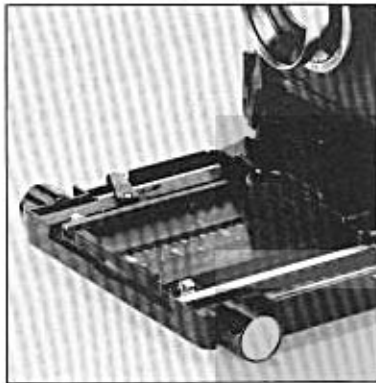


- 1) Turn anti-clockwise the extension pipe lock knob to unfasten the extension pipe, and then extend the camera back backward.
- 2) Fasten the lock knob.

Note:

When closing the lensboard, bellow etc after camera work, the camera back must be returned to its original location.

Focusing Scales



Two different focusing scales with minimum reading unit of 5mm are mounted on the track(5).

White scale is to indicate the distance from the lens board to the film face, on the other hand, the red one indicates the distance from the film face to the lensboard mount in the event that the camera back is extended to its maximum stroke.

The scale reading is effective at the front end of the front standard.

This focussing scale is just for coarse positioning.

Accessories Scale Space



The accessories scale space allows a photographer to put a registration mark or exact focus indicating mark or somethinglike according to the actual camera work.

Replacement of tripod screw adapter



The adapter can be unfastened by use of a coin as shown in the photo. 1/4" screw adapter is usually provided. But 3/8" screw adapter is also available on the customers' special demand.

3. MOVEMENTS OF LENSBOARD AND CAMERA-BACK

3-1 Lensboard movements: Rise/Fall Movement



The centering of the lensboard can be done by up-down movement of the rising knob (8).

For the instructions on the lensboard centering, refer to 1-6.

After the lensboard being exactly positioned, fasten the rising knob (8).

Tilting Movement



The unfastening of the tilt front lock lever(10) will enable to tilt the lensboard. The backward tilting of the lensboard can be done by depressing a tilting stop lever(12) innerward.

After positioning the lensboard, lock the tilt lock lever(10). The tilt lock lever will be released automatically from locking when the lensboard is vertically repositioned at 90° angle.

Swing-Movement

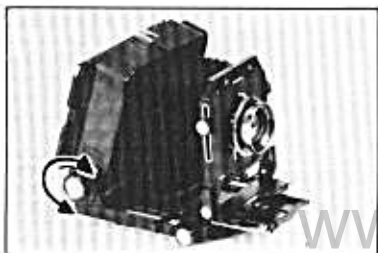


The swing-movement can be executed by the following way:

- 1) Unfasten the front standard lock lever(4).
- 2) As shown in the photo, move the front standard base to rightward or leftward as desired.
- 3) Fasten the standard lock lever(4).

Thus, the operation of the standard lock lever(4) only allows the lensboard to swing and move right/leftward and up-downward.

3-2 Camera-Back Movements: Tilting movement

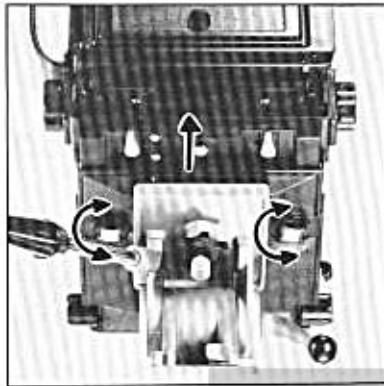


- 1) Turn anti-clockwise the body lock knob(24).
- 2) The unfastening of the body lock knob allows the camera back to tilt frontward, and then upward movement of the tilting rear stop lever will allow the camera back to tile backward.
- 3) After the camera tilted, fasten the body lock knob (24).

Note:

The tilting rear stop lever is not released automatically even after the camera-back is vertically re-positioned at 90° angle. Therefore, the said stop lever must be positioned downward by hand.

Swing-movement of the Camera-Back

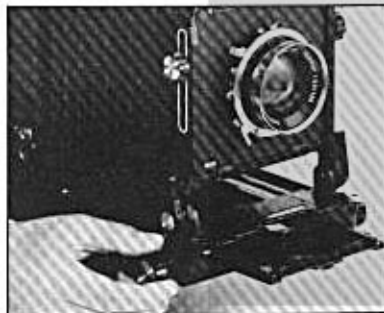


- 1) Unfasten the extension pipe lever innerward, and then extend the camera-back backward, fastening the said locking knob.
- 2) Displace the rear swing lock lever(20) innerward, and the camera back will swing manually.
- 3) Release the rear swing stop lever(20).

Note:

When closing the lensboard, bellow etc after camera work, not fail to return the camera-back to its original location as well as to release the rear swing stop lever(20)

4. FOCUS ADJUSTMENT



- 1) Bring and set the front standard to the desired location.
- 2) The focus adjustment can be executed by the focus knob(14).
- 3) After focus adjustment, lock the front standard and track(5) by the track lock lever(23).

5. HANDLING THE CAMERA-BACK

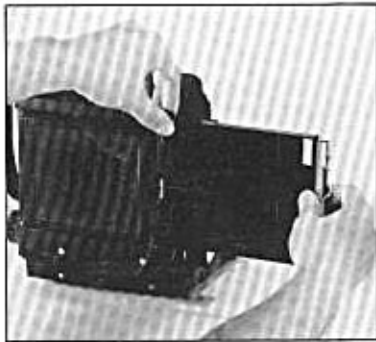


The slide-movement of the slide lock(16) located at both upper and bottom part of the camera-back will enable to remove the camera-back. The camera-back can be fitted vice-versally as desired in right and left direction.

On the customers' option, the camera back for TOYO VIEW D45M or quick rollfilm adapter can be mounted on this camera in place of this camera back.

The camera-back of TOYO FIELD 45A has no revolving system because of very light and very compact construction. In case the revolving system needed, the use of D 45M camera-back is recommendable.

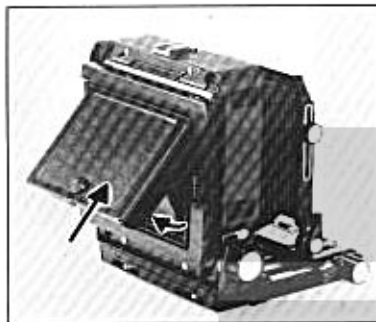
Insertion and setting of Film Holder



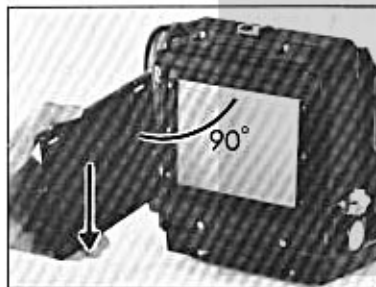
- 1) As shown in the photo, pull a little bit one end of the camera-back by hand and simultaneously insert the opposite portion of the film holder.
- 2) After that, continue to insert it until it is perfectly set in the notch portion of the camera-back frame.

Focusing hood (18)

The upward slide of focusing hood latch will open the focusing hood.



The focusing hood is of swing door type, namely it can be opened from right to left, by which the use of a lupe is allowed for image checking on the ground focusing glass.



The focusing hood also can be removed at its 90 degree location by pushing it downward.



SHIRO PHOTO CO., LTD.

Oku-uchi Tosabori Building
20, 4-chome Tosabori-dori, Nishi-ku, Osaka 550, Japan.
Central P.O.Box No. 1033, Osaka 530-91, Japan.
Telephone: Osaka (06) 443-5487 (3 lines)
Cable Address: "SHIROPHOTO OSAKA"