



# TOYO LARGE FORMAT CAMERA SYSTEM

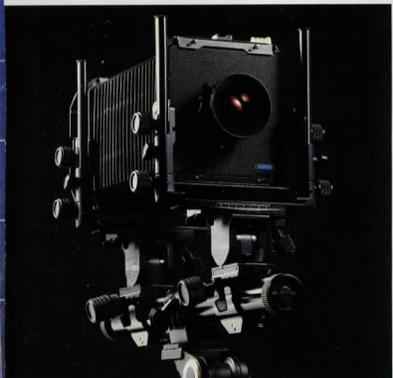
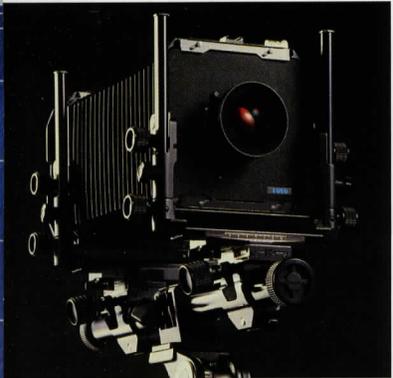
# TOYO

# TOYO-VIEW TOYO-FIELD



**SAKAI SPECIAL CAMERA MFG.CO.,LTD.**

EXPERIENCE THE WORLD OF  
TOYO CAMERAS,  
WHERE OUR GOAL IS QUALITY  
AND SATISFACTION.





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# TOYO VX 125

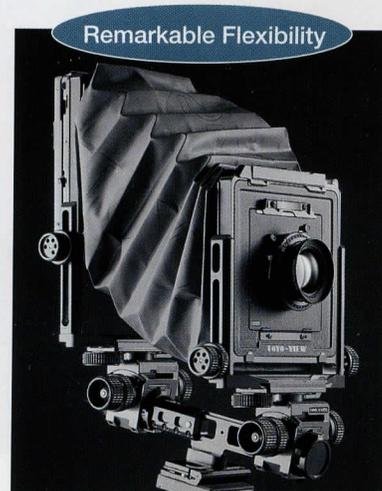
## STELLAR



The TOYO-VX125 is a finely designed and created machine, sculpted from a quality duralumin block. This 4x5 view camera was created out of the need for a light weight, durable, and compact camera that can also be used in the field.

TOYO-VX 125		
Item No.	No.122	
Movement	Front Frame	Rear Frame
Rise	70mm	70mm
Shift	30mm + 40mm	30mm + 40mm
Swing	25° + 25°	25° + 25°
Tilt	25° + 25°	25° + 25°
Fine Focus	30mm	30mm
Flange Back	67mm~267mm (67mm ~ 327mm with extension pipe)	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, fresnel lens, universal back	
Monorail	φ 39mm, 125mm ~ 255mm adjustable (185mm ~ 315mm with extension pipe)	
Lens Board	158mm X 158mm	
Folded Size	(H)302 X (W)226 X (L) 125mm	
Weight	2.7kg	
Minimum Flange with Wide Angle Board	27mm	

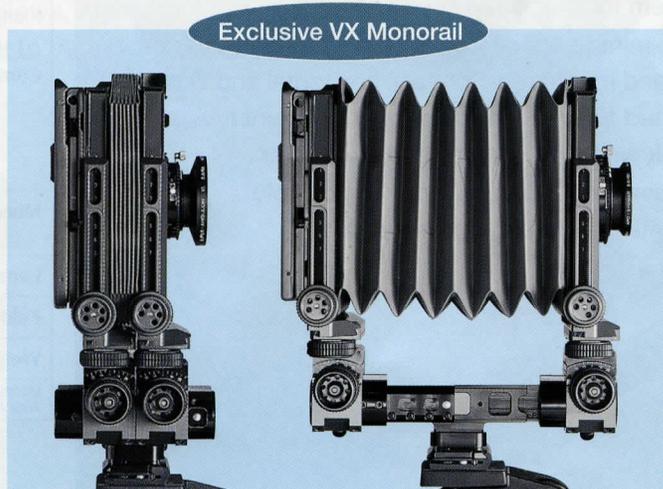
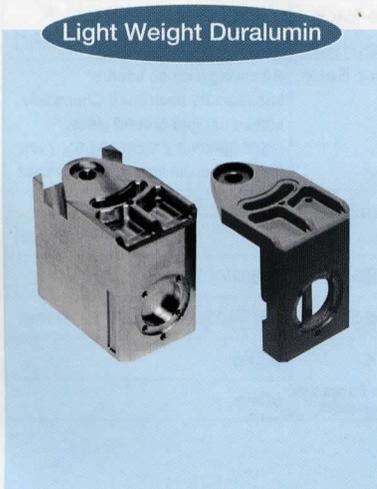
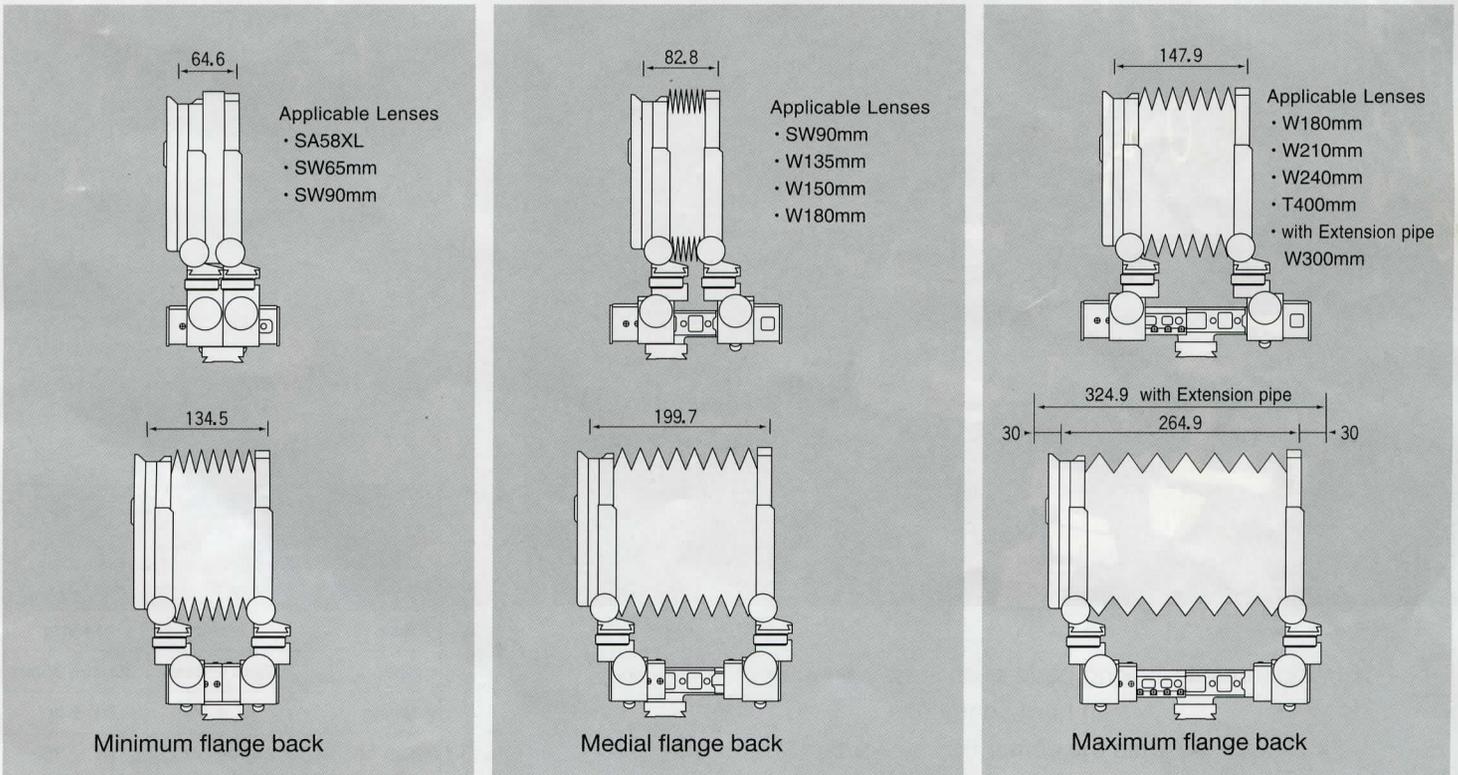
- ★ Remarkably lighter than conventional view cameras
- ★ Exclusive VX monorail expands to double its original length
  - ★ Yaw-free
- ★ Folds up to a slim 125mm, allowing easy portability
  - ★ A new color that looks natural even in the field
- ★ Exclusive VX bellows' flexibility enables the use of 58mm to 300mm lenses and greater camera movement
- ★ Interchangeable with G Series accessories, including monorail and bellows
  - ★ Fits into the 140mm carrying case
  - ★ Revolving camera back
  - ★ Quick shoe base for one-touch mounting
  - ★ Rubber ring-covered metal knobs for easy grip
- ★ 15mm fine focus capability on both front and rear frames
- ★ Gear controls for fine adjustment of rise and shift movements
- ★ Tiny clicks for easy brake adjustment on rise and fine focusing



- The length of the adjustable VX monorail ranges from 125mm to 255mm. With the extension pipe, it stretches to 315mm.
- The G Series extension monorail can not be connected to the VX monorail. When a monorail longer than 315mm is needed, the G Series monorail and tripod mounting block must be used. Adding a sub frame and bellows to the G Series monorail enables photographing with a 1200mm lens.

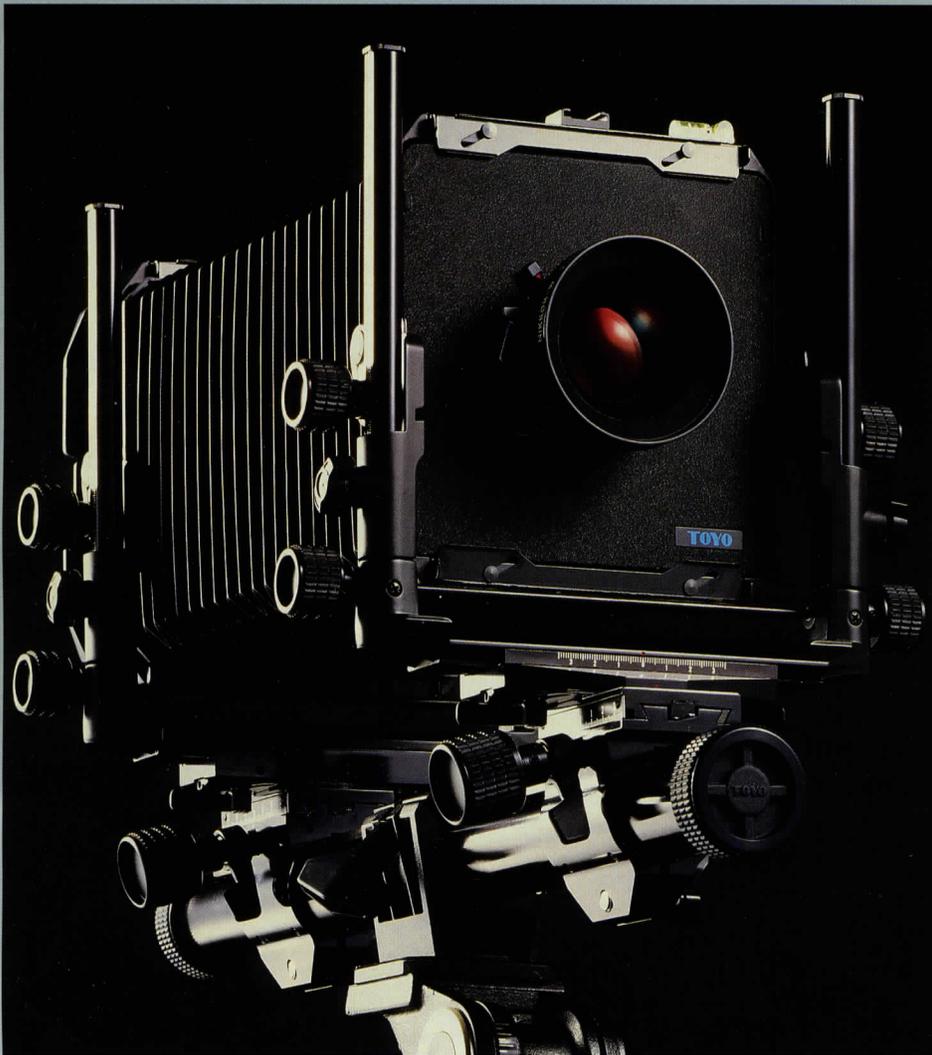
- Although lenses can be attached to and detached from the standard lens board (#10101), it is recommended for portability that the G Series lens board adaptor is used with the smaller TF45A lens boards.
- The TOYO-VX125 is designed with a quick shoe-style tripod attachment. However, it can be used without the quick shoe by attaching the mounting block directly to the tripod, using the 1/4 inch screw.

## MEASUREMENTS OF FLANGE BACK FOR **TOYO-VX 125**



# TOYO-VIEW 45G II

## TRADITION



★ Independently locking parts enable easy photographing even in hard conditions

★ A click indicates the center movement of tilt and swing

★ Reference scales attached to all movements

★ Two speed focus system for quick and precise focusing

★ Helical Rack System for smooth, minute adjustments to focus, shift, and rise

★ T-shape spirit levels on both front and rear frames for easy horizontal and vertical adjustments. Side frames designed for attachment of optional spirit levels

★ Revolving camera back with a click stop on each corner

Depending on the lens being used, photography is possible in intermediate positions without image cut-off

The TOYO-VIEW 45G, renowned for its durability, is now available as the TOYO-VIEW 45G II. A variety of accessories and highly precise mechanisms provide the user with a wider range of photographic possibilities. All knobs are made of metal for longer durability. 136mm x 136mm inside measurement of bellows reduces the risk of image cut-off. The monorail can now be extended infinitely by connecting one extension monorail to another, etc. The extension monorail can be connected to either end of the basic monorail. The bellows, monorails, and other accessories can be used interchangeably with 45G and 45GB accessories.

### TOYO-VIEW 45G II

Item No.	No. 114	
Movement	Front Frame	Rear Frame
Rise	145mm	145mm
Shift	35mm + 35mm	35mm + 35mm
Swing	30° + 30°	30° + 30°
Tilt	45° + 35°	45° + 35°
Fine Focus	60mm	60mm
Flange Back	90mm (balloon bellows) ~ 485mm (standard bellows)	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, fresnel lens, universal back	
Monorail	φ 39mm standard set 250 mm + 250 mm (extendable)	
Lens Board	158mm x 158mm	
Folded Size	(H) 340 x (W) 266 x (L) 291mm	
Weight	5.5kg	
Minimum Flange with Wide Angle Board	50mm	

# TOYO-VIEW 45GX

## OUTSTANDING



The 45G II has been equipped with more advanced capabilities to create the 45GX. Base tilt and Depth of Field Indicator added for total image control. An attractive choice for the demanding photographer.

### TOYO-VIEW 45GX

Item No.	No. 108	
Movement	Front Frame	Rear Frame
Rise	145mm	145mm
Shift	35mm + 35mm	35mm + 35mm
Swing	30° + 30°	30° + 30°
Tilt	45° + 35°	45° + 35°
Base Tilt	45° + 45°	45° + 45°
Fine Focus	60mm	60mm
Flange Back	90mm (balloon bellows) ~485mm (standard bellows)	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, fresnel lens, universal back	
Monorail	φ 39mm standard set 250 mm +250 mm (extendable)	
Lens Board	158mm×158mm	
Folded Size	(H)397×(W)266×(L)291mm	
Weight	6.4kg	
Minimum Flange with Wide Angle Board	50mm	

★ Quick vertical setting with base tilt

★ Yaw-free

★ Both base and center axes tilt for greater camera movement

★ Depth of Field Indicator confirms the focusing depth clearly with numbers

★ Revolving camera back, bellows, monorail, locks, and other parts are identical to those of the G II



Yaw-Free Mechanism



Depth of Field Indicator

# TOYO ROBOS

## PROGRESSIVE



An advanced technical system to create  
a new world of photographic expression

### RADICALLY

A professional tool conceived to meet the most critical requirements.

### ORIENTED

Complete image control with asymmetrical, variable axis swing (VAS) and a refined movement system for quick, two step alignment of the horizontal image plane.

### BI-AXIAL

The original TOYO Bi-axial Asymmetrical Tilt (BAT) system allows rapid and accurate two step alignment of the vertical image plane. Two step Reference Plane Focus (RPF) functions on both axis tilt and swing planes. Unique ROBOS on-axis design eliminates the need for depth of field or tilt angle indicators.

### OPERATING

All the rigidity, smoothness of operation, and positive locking abilities that have made the classic TOYO G Series famous.

### SYSTEM

A versatile modular system camera with total compatibility between components of the existing TOYO G Series and the latest ROBOS accessories. Compatibility with a generation of TOYO cameras eliminates risk of obsolescence of parts and accessories, and assures an ever-expanding, up-to-date system.

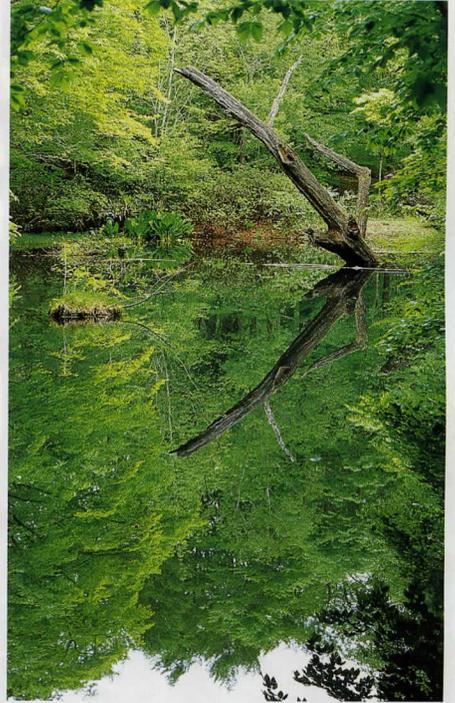
TOYO ROBOS		
Item No.	No.101	
Movement	Front Frame	Rear Frame
Rise	80mm	80mm
Shift	60mm + 40mm	60mm + 40mm
Swing	360°	360°
Tilt	30° + 30°	30° + 30°
Base Tilt	45° + 45°	45° + 45°
Fine Focus	50mm	50mm
Flange Back	73mm (balloon bellows) ~466mm (standard bellows)	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, fresnel lens, universal back	
Monorail	φ 39mm standard set 250mm + 250mm (extendable)	
Lens Board	158mm X 158mm	
Folded Size	(H) 411 X (W) 225 X (L) 291mm	
Weight	5.5kg	
Minimum Flange with Wide Angle Board	33mm	

# TOYO-VIEW 45C

# TRY



For the photographer who wants to casually use a view camera. An economical model recommendable to the first-time user of a view camera.



- ★ Independently locking parts for all movements
- ★ Two speed focus system for quick and precise focusing
- ★ 250mm monorail available as an accessory to the standard 450mm monorail
- ★ Lens board, lens hood, bellows, camera back, and mounting block all identical to those of the 45GII
- ★ Revolving camera back
- ★ 4.1kg - approximately 2kg lighter than the TOYO-VIEW 45GII

## TOYO-VIEW 45C

Item No.	No.89	
Movement	Front Frame	Rear Frame
Rise	120mm	120mm
Shift	45mm + 45mm	45mm + 45mm
Swing	360°	360°
Tilt	48° + 48°	48° + 48°
Fine Focus	42mm	42mm
Flange Back	82mm~449mm	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, universal back	
Monorail	φ 39mm 450mm in length (non extendable)	
Lens Board	158mm × 158mm	
Folded Size	(H) 352 × (W) 274 × (L) 474mm	
Weight	4.1kg	
Minimum Flange with Wide Angle Board	42mm	

# TOYO-VIEW 810GII 57GII

## CHALLENGE



- ★ The front frames and monorails are identical to those of the TOYO-VIEW 45GII
- ★ The highly precise operation and sense of balance unique to TOYO-VIEW extends even to the 8 x 10 and 5 x 7 formats
- ★ The 8 x 10 camera back is designed with a glass frame that opens horizontally with lever arms for smooth insertion of film holders
- ★ Mirror hoods for the 8 x 10 are available as accessories
- ★ The camera back can be detached and reattached for vertical/horizontal positions
- ★ A compact carrying case for easy portability is available for the TOYO-VIEW 810GII



Maintaining the precision, durability, and operation of the 45 GII, we have upgraded it to a larger format. 5" x 7", 4" x 5", and 6cm x 9cm formats can also be photographed by using a reducing adaptor board.

TOYO-VIEW 810GII		
Item No.	No.116	
Movement	Front Frame	Rear Frame
Rise	145mm	170mm
Shift	35mm + 35mm	60mm + 60mm
Swing	30° + 30°	30° + 30°
Tilt	45° + 35°	50° + 50°
Fine Focus	60mm	60mm
Flange Back	85mm~500mm	
Camera Back	Chemically etched cm grid ground glass, no fresnel lens, detachable for vertical/horizontal positions	
Monorail	φ 39mm standard set 250mm + 250mm (extendable)	
Lens Board	158mm×158mm	
Folded Size	(H) 471×(W) 445×(L) 291mm	
Weight	8.9kg	
Minimum Flange with Wide Angle Board	45mm	

TOYO-VIEW 57GII		
Item No.	No.115	
Movement	Front Frame	Rear Frame
Rise	145mm	130mm
Shift	35mm + 35mm	35mm + 35mm
Swing	30° + 30°	30° + 30°
Tilt	45° + 35°	45° + 35°
Fine Focus	60mm	60mm
Flange Back	76mm~500mm	
Camera Back	Chemically etched cm grid ground glass, fresnel lens, detachable for vertical/horizontal positions	
Monorail	φ 39mm standard set 250mm + 250mm (extendable)	
Lens Board	158mm×158mm	
Folded Size	(H) 385×(W) 328×(L) 291mm	
Weight	5.8kg	
Minimum Flange with Wide Angle Board	36mm	

# TOYO-FIELD 45A II

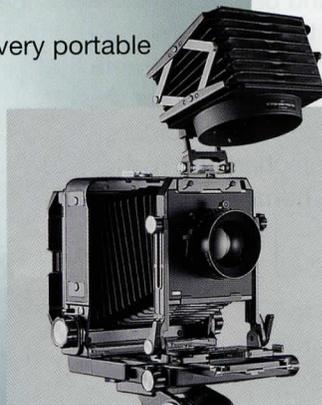
## OUTDOORS



Applying the knowledge accumulated since the first die-cast body TOYO-FIELD cameras, we created the 45A. This was further refined to produce the 45A II. The 4 x 5 field camera you can depend on!

TOYO-FIELD 45A II		
Item No.	No.120	
Movement	Front Frame	Rear Frame
Rise	20mm	----
Fall	23mm	----
Shift	7mm + 7mm	----
Swing	8° + 8°	8° + 8°
Tilt	90° + 15°	90° + 15°
Flange Back	70mm~324mm	
Camera Back	Revolving (can be used in intermediate positions), Chemically etched cm grid ground glass, markings for 6 x 9 cm and 6 x 7 cm formats, fresnel lens, universal back	
Lens Board	110mm×110mm	
Folded Size	(H) 188× (W) 209× (L) 107mm	
Weight	2.8kg	
Minimum Flange with Wide Angle Board	43mm	
Maximum Flange with Extension Tube	424mm	

- ★ Can use 65mm to 300mm lenses. As an accessory, a recessed lens board is available for use with lenses with shorter focal lengths, and a 100mm long extension tube is available for use with longer focal lengths
- ★ The front frame allows camera movement in all directions, while the back frame allows swing and tilt movements
  - ★ Revolving camera back for easy use
  - ★ 110 sq. mm lens board allows easy use even with lenses with a large rear element
- ★ Folds to 188mm x 209mm x 107mm and 2.8kg, making it very portable  
Solid, easy to use, and durable



# TOYO-FIELD 810MII

## 8X10 HANDY

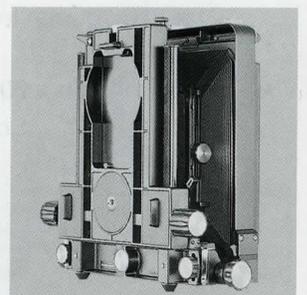
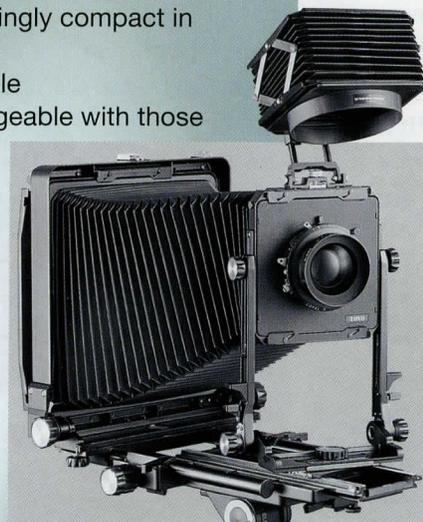


Take an 8 x 10 camera that, compacted, weighs only 6.8kg and has a thickness of 158mm, and you have the 810M. Now design it so that it can be used with a 1200mm lens, and you have the TOYO-FIELD 810MII. Even with a 1200mm lens, close-up photography of up to 20m is possible.

### TOYO-FIELD 810MII

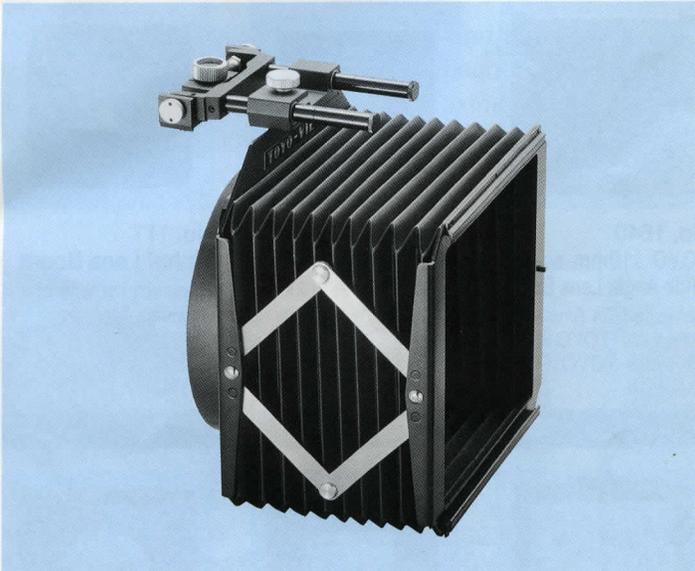
Item No.	No.119	
Movement	Front Frame	Rear Frame
Rise	44mm	----
Fall	46mm	----
Shift	40mm + 40mm	----
Swing	360°	6° + 6°
Tilt	90° + 15°	90° + 15°
Focus	Fine focus by rack pinion on the back	
Flange Back	88mm~822mm	
Camera Back	Chemically etched cm grid ground glass, no fresnel lens, detachable for vertical/horizontal positions	
Rail	two step drawing	
Lens Board	158mm×158mm	
Folded Size	(H)366×(W)379×(L)158mm	
Weight	6.8kg	
Minimum Flange with Wide Angle Board	48mm	

- ★ Movement in all directions on the front frame and swing and tilt on the rear frame
  - ★ Front fall - 46mm
- ★ The body is made of die-cast aluminum alloy and, although light weight, is very durable and solid
  - ★ Folded size is 366mm x 379mm x 158mm - astonishingly compact in comparison with its capabilities
    - ★ An exclusive aluminum case is available
  - ★ The lens board, lens hood, and bellows are interchangeable with those of the GII series
  - ★ The camera back is designed with a glass frame that opens horizontally with lever arms for smooth insertion of film holders
  - ★ The camera back can be detached and reattached for vertical/horizontal positions



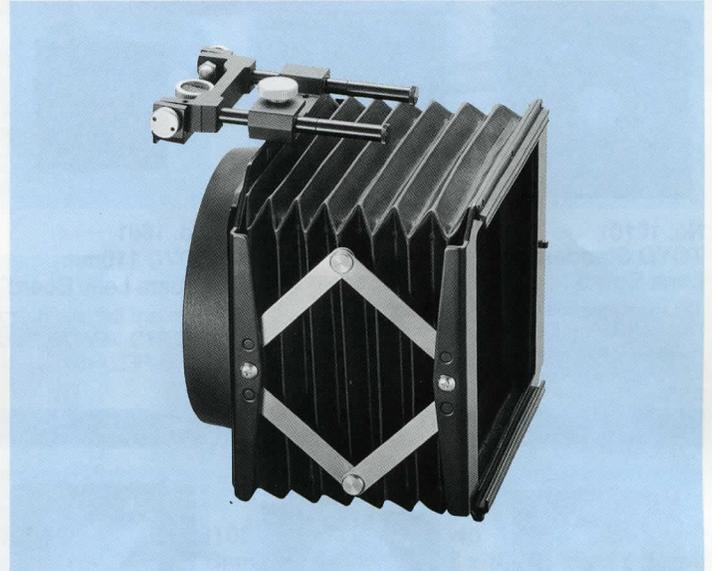
The outside dimensions of (H) 366mm x (W) 379mm x (L) 158mm and the standard set weight of 6.8kg is remarkably light for an 8 x 10 camera.

LENS HOODS



**No. 8060 Pro Compendium Lens Hood VG**

A flexible lens hood for all TOYO cameras except 23G and 45A FIELD. Fully adjustable bellows and hood movement to keep out unwanted light. Easy replacement of lenses, one-touch front-back shift, and lifting hood. 126mm diameter opening enables use with most lenses. Accepts 3", 4", and 5" gelatine filters that can be placed on either side of the hood. 69.5mm lens hood rod is detachable at 26.5mm from the front end for use of a short focusing lens to avoid taking an unwanted photo of the rods. An extension rod (No. 8062) is available as an accessory for use with a lens with a large front element. With the No. 8062 extension rod the hood rod lengthens to 124.5mm. Comes with three sizes of filter holders.



**No. 1660 Pro Compendium Lens Hood 4F**

Same design as hood No. 8060, but fits only TOYO-FIELD 45AII and 23G. 102mm diameter opening accepts 3" and 4" gelatine filters. 61mm lens rod is detachable at 24mm from the front end, and can be attached with a 56mm extension rod (an accessory). Comes with 3" and 4" filter holders.

\*Lens Hood No. 8060 and No. 1660 cannot be used interchangeably.

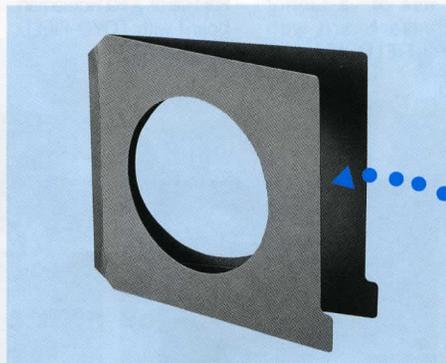
EXTENSION RODS FOR LENS HOODS



**No. 8062 Extension Rods for No. 8060 Lens Hood (HVG-ET 81.5mm)**

**No. 1662 Extension Rods for No. 1660 Lens Hood (H4F-ET 56mm)**

GELATINE FILTER HOLDERS



Holds gelatine filters or special effects masks on either end of the lens hood.

**No. 8063** set includes 3", 4", and 5" holders for No. 8060 lens hoods.

**No. 1663** set includes 3" and 4" holders for No. 1660 lens hoods.



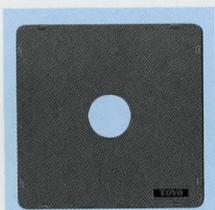
(Gelatine Filter)

**For No.8060 3", 4", 5"**  
**For No.1660 3", 4"**

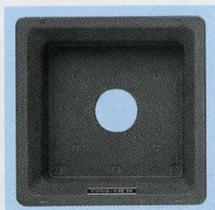


**No. 12040**  
**TOYO 110mm square Wide Angle Lens Board**  
 Recessed(12.5mm) lens board for TOYO-FIELD 45A, pre-drilled for COPAL #0 shutter.

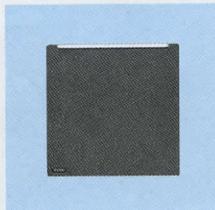
## LENS BOARDS



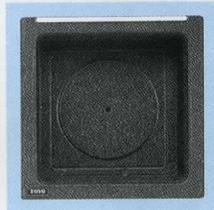
**No. 10101**  
**TOYO Standard Lens Board**  
 158 mm square board. Fits all TOYO-VIEW and ROBOS models except 23G. Also fits TOYO-FIELD 810M.



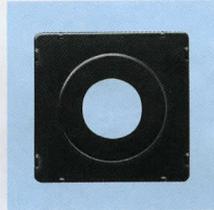
**No. 1129**  
**TOYO 158mm square Wide Angle Lens Board**  
 Recessed(38mm) lens board pre-drilled for COPAL #0 shutter for all TOYO-VIEW and ROBOS models except 23G. Also fits TOYO-FIELD 810M.



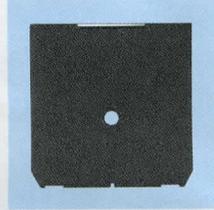
**No. 1601**  
**TOYO 110mm square Lens Board**  
 Standard flat lens board for TOYO-VIEW 23G and TOYO-FIELD 45A.



**No. 1640**  
**TOYO 110mm square Wide Angle Lens Board**  
 Recessed (24.8mm) lens board for TOYO-VIEW 23G and TOYO-FIELD 45A.



**No. 5081**  
**Graphic Lens Board**  
 Lens board for standard Graphic View cameras. 94mm x 93mm



**No. 117**  
**Linhof Lens Board**  
 Standard flat lens board for Linhof Technika.

## LENS BOARD ADAPTORS AND RELEASE ADAPTORS



**No. 1050 AFVM**  
 For use of a Graphic standard board with TOYO-VIEW and TOYO-FIELD 810M.



**No. 1051 ALVM**  
 For use of a Linhof Technika board with TOYO-FIELD 810M.



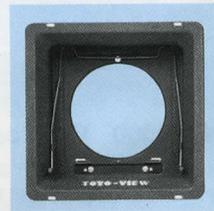
**No. 1052 A4FVM**  
 For use of a TOYO-FIELD 45A board with TOYO-VIEW and TOYO-FIELD 810M.



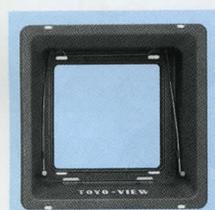
**No. 8054 ASVG**  
 For use of a Sinar board with TOYO-VIEW and TOYO-FIELD 810M.



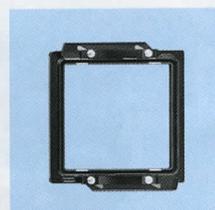
**No. 1055 AWFVM**  
 For use of a wide angle board with TOYO-VIEW and TOYO-FIELD 810M. Recessed (38.7 mm) adaptor board.



**No. 1056 AWLVM**  
 For use of a Linhof Technika board with TOYO-VIEW and TOYO-FIELD 810M. Recessed (39.8mm) wide angle adaptor board.



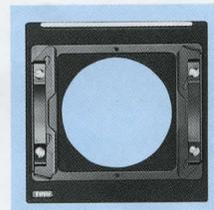
**No. 1057 AW4FVM**  
 For use of a TOYO-FIELD 45A board with TOYO-VIEW and TOYO-FIELD 810M. Recessed (39.7 mm) wide angle adaptor board.



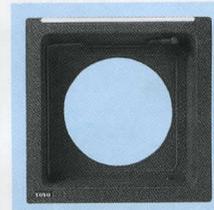
**No. 1630 AF4F**  
 For use of a Graphic standard board with TOYO-FIELD 45A and 23G.



**No. 1631 AL4F**  
 For use of a Linhof Technika board with TOYO-FIELD 45A and 23G.



**No. 1632 AH4F**  
 For use of a 69 Horseman board with TOYO-FIELD 45A and 23G.



**No. 1637 AWH4F**  
 For use of a 69 Horseman board with TOYO-FIELD 45A and 23G. Recessed (24.8mm) wide angle adaptor board.



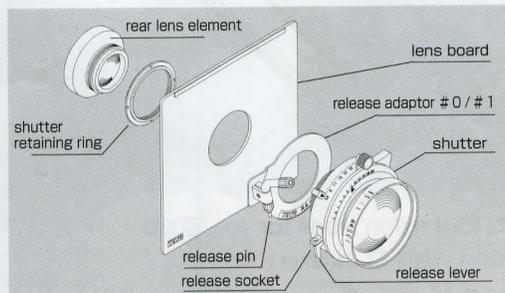
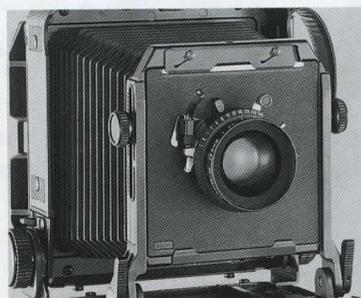
**No. 12045**  
 Release adaptor for Copal #0 shutter



**No. 12046**  
 Release adaptor for Copal #1 shutter

**No. 12047**  
 Release adaptor for Fujinon #0 shutter

**No. 12048**  
 Release adaptor for Fujinon #1 shutter



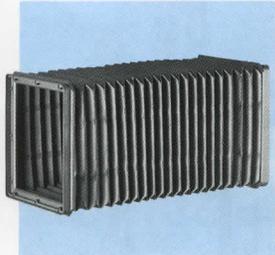
Release adaptors ensure easy attachment and detachment of the shutter release, and minimize damage on the release socket of the shutter body. The release adaptor is recommended to be used with the recessed adaptor board (No. 12040). Manufactured for general Copal #0 and #1 shutters or for Copal #0 and #1 shutters for Fujinon lenses.

**BELLOWS**

Various sizes of standard, balloon, and long bellows are available. They are all manufactured and developed using exclusive TOYO technology. The maximum and minimum lengths of each bellows are given for reference when ordering replacements.

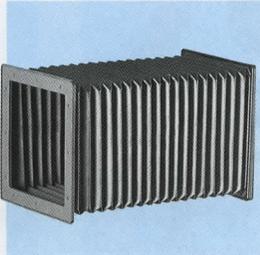


Long bellows for a long focusing lens and close-up photographing



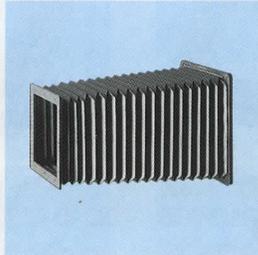
**No. 10102 BS45R**  
4 x 5 Standard Bellows

Standard bellows for TOYO - VIEW 45 G/C.  
Min. : 60mm  
Max. : 410mm



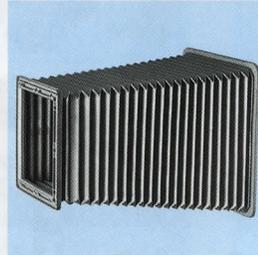
**No. 10202 BS23G**  
2 x 3 Standard Bellows

Standard bellows for TOYO - VIEW 23G.  
Min. : 35mm  
Max. : 260mm



**No. 10302 BS24G**  
2 x 4 Standard Bellows

Standard bellows for connecting front standard of TOYO - VIEW 23G to rear standard of TOYO - VIEW 45 G/C.  
Min. : 40mm  
Max. : 305mm



**No. 8102 BS57G**  
5 x 7 Standard Bellows

Standard bellows for TOYO - VIEW 57G.  
Min. : 45mm  
Max. : 450mm



**No. 11602 BS810GII**  
8 x 10 Standard Bellows

Standard bellows for TOYO - VIEW 810 G/M.  
Min. : 30mm  
Max. : 800mm



**No. 11421 BB45GII**  
4 x 5 Balloon Bellows

4 x 5 Balloon Bellows for TOYO - VIEW 45 G/C.  
Min. : 25mm  
Max. : 310mm



**No. 10221 BB23G**  
2 x 3 Balloon Bellows

2 x 3 Balloon Bellows for TOYO - VIEW 23G.  
Min. : 15mm  
Max. : 185mm



**No. 10321 BB24G**  
2 x 4 Balloon Bellows

2 x 4 Balloon Bellows for connecting the front standard of TOYO-VIEW 23G to the rear standard of TOYO-VIEW 45G/C.  
Min. : 15mm Max. : 185mm



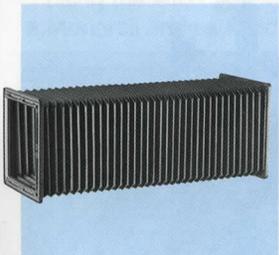
**No. 8121 BB57G**  
5 x 7 Balloon Bellows

5 x 7 Balloon Bellows for TOYO - VIEW 57G.  
Min. : 15mm  
Max. : 300mm



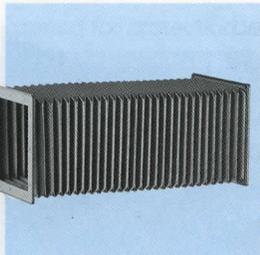
**No. 11621 BB810GII**  
8 x 10 Balloon Bellows

8 x 10 Balloon Bellows for TOYO - VIEW 810 G/M.  
Min. : 15mm  
Max. : 355mm



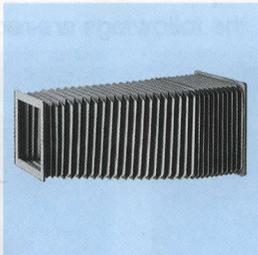
**No. 10122 BL45R**  
4 x 5 Long Bellows

4 x 5 Long Bellows for TOYO - VIEW 45 G/C.  
Min. : 80mm  
Max. : 690mm



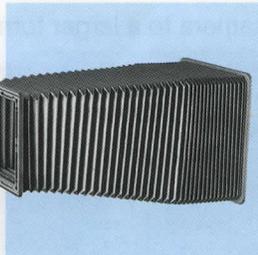
**No. 10222 BL23G**  
2 x 3 Long Bellows

2 x 3 Long Bellows for TOYO - VIEW 23G.  
Min. : 50mm  
Max. : 390mm



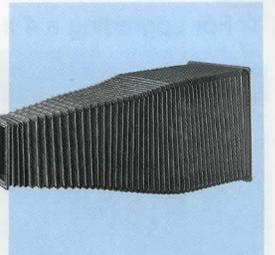
**No. 10322 BL24G**  
2 x 4 Long Bellows

2 x 4 Long Bellows for connecting the front standard of TOYO-VIEW 23G to the rear standard of TOYO-VIEW 45G/C.  
Min. : 58mm  
Max. : 600mm



**No. 8122 BL57G**  
5 x 7 Long Bellows

5 x 7 Long Bellows for TOYO - VIEW 57G.  
Min. : 45mm  
Max. : 700mm



**No. 8222 BL810G**  
8 x 10 Long Bellows

8 x 10 Long Bellows for TOYO - VIEW 810G.  
Min. : 50mm  
Max. : 1200mm



**MULTI-FUNCTIONAL G SERIES**  
 The TOYO-VIEW G Series is designed so that all frames, from 6cm x 9cm to 8" x 10" can be used on the same monorail. The smooth and precise movement and durability ensure stable photographing. A variety of interchangeable accessories are available to meet every photographer's needs.

## STANDARD FRAMES



No. 10103 FF45R  
Front Standard for ROBOS



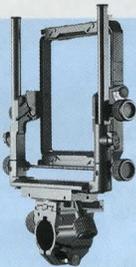
No. 11403 FF45G II  
Front Standard for TOYO-VIEW 45 II



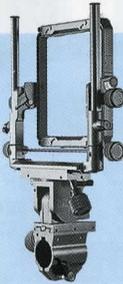
No. 10803 FF4GX  
Front Standard for TOYO-VIEW 45GX



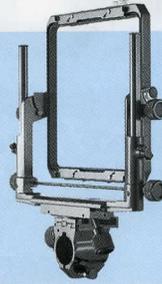
No. 10104 FF45R  
Rear Standard for ROBOS



No. 11404 FA45G II  
Rear Standard for TOYO-VIEW 45G II



No. 10804 FA45GX  
Rear Standard for TOYO-VIEW 45GX



No. 11504 FA57G II  
Rear Standard for TOYO-VIEW 57G II



No. 11604 FA810G II  
Rear Standard for TOYO-VIEW 810G II

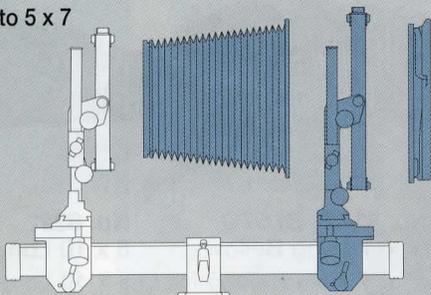


No. 8081 SF45G  
Extension subframe for bellows

This support frame is manufactured in accordance with TOYO standards. It is useful as a subframe for extending bellows, to hold subjects to photograph, to hold a half mirror, and many other methods of photographing.

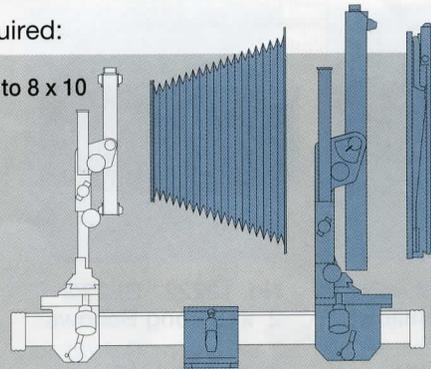
☆ For upgrading a 4 x 5 camera to a larger format, the followings are required:

Upgrading to 5 x 7



No. 8102 BS57G (5 x 7 Standard Bellows)  
 No. 11503 FA57G II (Rear Standard for 57G II)  
 No. 8105 CB57G (57G Camera Back)

Upgrading to 8 x 10



No. 11602 BS810G II (810 Standard Bellows)  
 No. 11604 FA810G II (Rear Standard for 810G II)  
 No. 8205 CB810G (810G Camera Back)  
 No. 8208 OBS8G (810 Tripod Mounting Block)

## CAMERA BACKS



### CAMERA BACKS

With an exclusive bail arm for attaching/detaching the focusing glass frame. This unique quality of TOYO camera back enables direct insertion of a roll film holder, as with a cut film holder. 6cm x 7cm(No. 8031) and 6cm x 9cm(No. 8033) roll holders are available.

### 360 Degree 4 x 5 Revolving Camera Backs

The 4 x 5 camera backs revolve 360 degrees freely. They can be locked every 90 degrees with a click stop, enabling the angle of a picture to be adjusted without moving the camera. Image cut-off does not occur when photographing in an intermediate position +/- 10 degrees from the vertical/horizontal position. However, there is a chance of slight image cut-off in other intermediate positions.



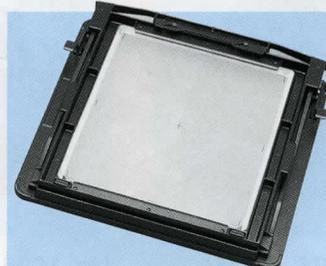
**No. 8005 CB45G**  
**STANDARD 4 x 5 CAMERA BACK**

360 degree revolving Universal camera back with bail arm for 45G. Chemically etched cm grid ground glass with markings for 6cm x 7cm and 6cm x 9cm formats. Accepts No. 8031 and No. 8033 roll film holders without adaptors.



**No. 8105 CB57G**  
**STANDARD 5 x 7 CAMERA BACK**

Vertical/horizontal camera back with dual bail arm for 57G. With chemically etched cm grid ground glass and fresnel lens.

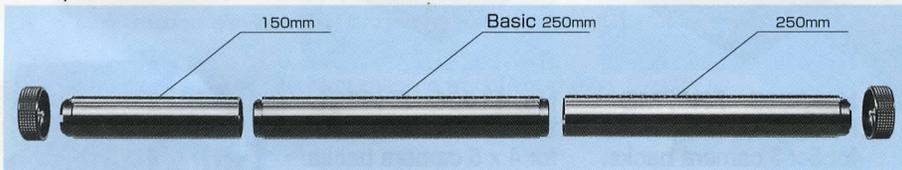


**No. 8205 CBN810G**  
**STANDARD 8 x 10 CAMERA BACK**

Vertical/horizontal camera back with dampened dual bail arm for 810G and 810M. Chemically etched cm grid ground glass.

## TOYO INTERCHANGEABLE MONORAILS

Monorails for TOYO-VIEW G Series, 45C, and ROBOS are all designed with the same specification of a 39mm diameter. Compatible with all TOYO cameras.



**No. 10115 OBE150R** 150mm Extension Monorail  
**No. 10106 OBB250R** 250mm Basic Monorail  
**No. 10107 OBW250R** 250mm Extension Monorail



**No. 8810 OB450C**  
450mm Non-Extendable Monorail for 45C

**No. 8811 OB250C**  
250mm Non-Extendable Monorail for 45C

- ★ Extension monorails can be attached to either end of a basic monorail. All interchangeable with the G Series.
- ★ Monorails can be attached and detached by lining the ends of the basic and extension monorails (end caps removed) and twisting one into/out of the other. Finally, tighten using the end caps.
- ★ Monorail ends should be capped for protection while they are not in use.

## TRIPOD MOUNTING BLOCKS



**No. 8008 OBSG**  
**Tripod Mounting Block for G Series**

Quick clamp locking. For TOYO-VIEW 23, 45, 57G and 45C.

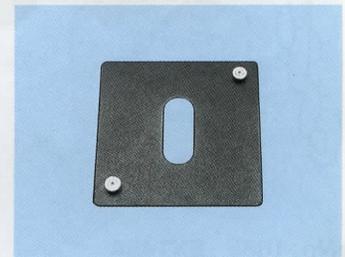


**No. 8208 OBS8G**  
**Tripod Mounting Block for G Series**

Standard on 57G and 810G. May be used on 4 x 5 cameras for extra stability with long extensions.



**No. 10108 OBSR**  
**Tripod Mounting Block for ROBOS**



**No. 7531 SGA**  
**Tripod Mounting Plate**

Placed between a TOYO-VIEW mounting block and pan head to prevent sliding when moving the camera direction.

**FOCUSING HOODS**

Loupes (Magnifiers) and Focusing Hoods for Clear Focusing  
Enables clear focusing and 1.5 x magnification.  
Covered with flexible rubber.



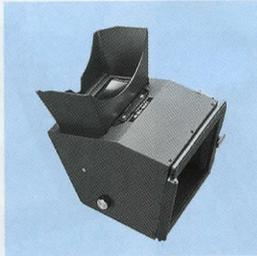
Flexible Mirror Focusing Hoods for Easy Focusing



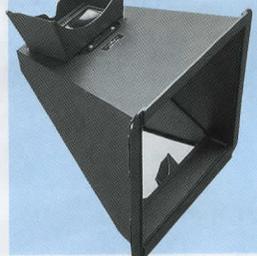
**No. 1040 FH23L**  
Monocular Loupe Magnifier(1.5x) for Quick Sliding Carriage /Roll Film Adaptors.  
Plastic Body.



**No. 1024 FH45L**  
Monocular Loupe Magnifier(1.5x) for 4 x 5 camera backs.  
Made of flexible rubber, can be folded into a small size.



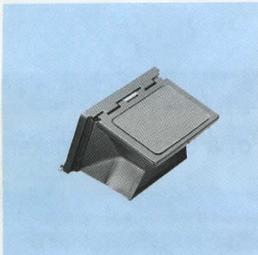
**No. 1026 FH45R**  
Binocular Reflex Mirror Hood for 4 x 5 camera backs.  
Adjustable Mirror.



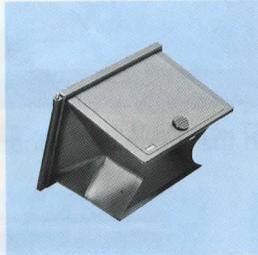
**No. 8226 FH810R**  
Binocular Reflex Mirror Hood for 8 x 10 camera backs.  
Built-in 1.5 x Magnifier and adjustable mirror. Detachable for vertical/ horizontal positioning.



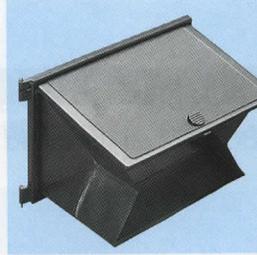
Balloon Focusing Hoods



**No. 1039 FH23S**  
Folding Focusing Hood for Quick Sliding Carriage /Roll Film Adaptors.



**No. 2006 FH45MB**  
Folding Focusing Hood for 4 x 5 camera backs.  
Keeps out circumferential light, ensuring clear vision and protecting the focusing glass.



**No. 2206 FH57MB**  
Folding Focusing Hood for 5 x 7 camera backs.



**No. 11425 FH45BL**  
Balloon Focusing Hood for 4 x 5 camera backs.  
Easy viewing focusing glass without covering cloth. Foldable for storage.



**REDUCING ADAPTOR BOARDS**

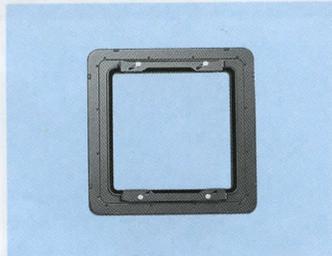
☆ The purpose of a reducing adaptor board is to reduce a picture and to extend the flange dimensions.

Reducing Adaptor

Film size varies according to the camera being used. This adaptor is developed so that one camera can be used with various film formats. When photographing with 4 x 5 film with the reducing adaptor, little image cut-off occurs even when there is great camera movement.



**No. 1635 EXT45A**  
Extension tube for 45A  
Extends the flange back by 100mm to use with the 45A.



**No. 1232 RB4V5V**  
Reducing Adaptor Board 5 x 7 / 4 x 5  
For 57G, reducing to 4 x 5 format. Requires No. 8005 ground glass back.



**No. 1830 RB4V8M**  
Reducing Adaptor Board 8 x 10 / 4 x 5  
For 810G / 810M, reducing to 4 x 5 format. Requires No. 8005 ground glass back.



**No. 1832 RB4V8M**  
Reducing Adaptor Board 8 x 10 / 5 x 7  
For 810G / 810M reducing to 5 x 7 format. Requires No. 8105 ground glass back.

Handwritten notes: \$6028 for 1040, 1527, 503

## CUT FILM HOLDERS

Two types of cut film holders are available : No. 10141 for 4 x 5 sheet film and No. 1841 for 8 x 10 sheet film.



**No. 10141 CH45II  
TOYO Cut Film Holder 45II**

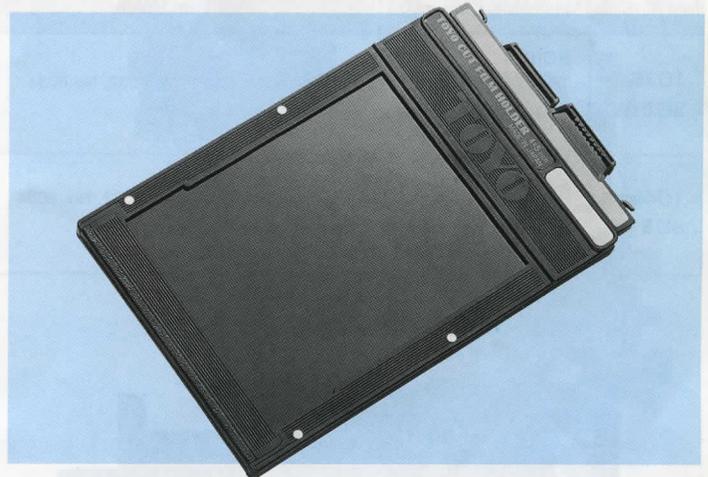
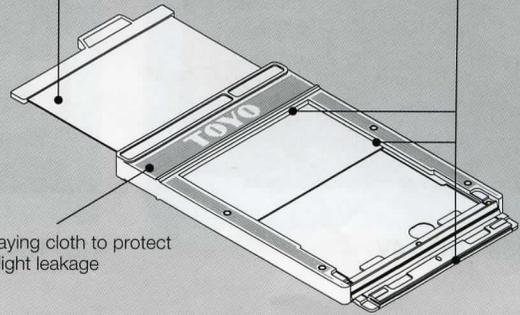
- ★ Inside wall of frame angled and matte finished to avoid reflection
- ★ High quality holder keeps film smooth and flat
- ★ Troubles with inserting film minimized by a wider angle drawing plate
- ★ Finely finished periphery enabling smooth operation
- ★ Non-fraying cloth used to protect against light leakage at the mouth of dark slide
- ★ Rounded corners enable smooth insertion
- ★ Matted finished exterior for comfortable handling

### Properties of TOYO cut film holder (No. 10141)

Smooth dark slide

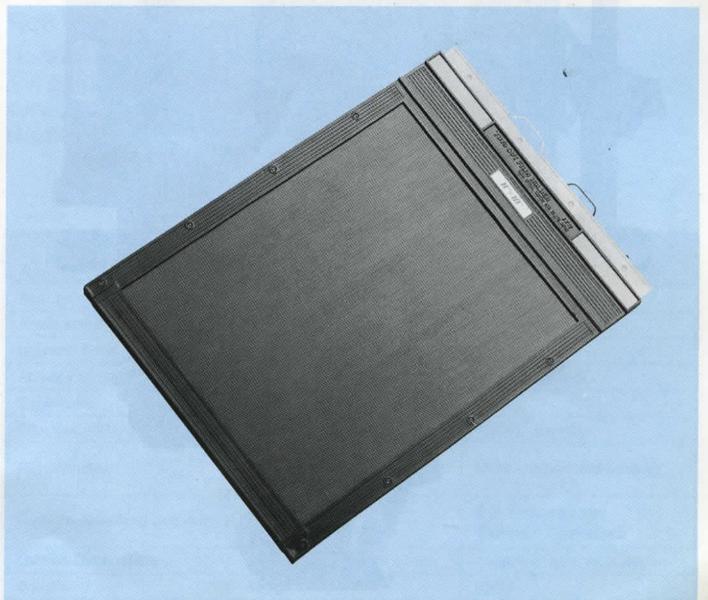
Tapered and matte finished to avoid inside reflection

Non - fraying cloth to protect against light leakage



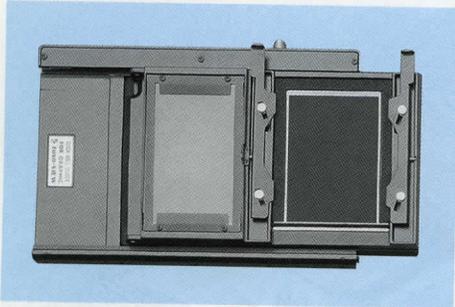
**No. 1841 CH810  
TOYO Cut Film Holder 810**

- ★ Cut film holder for 8 x 10 international standard film on both sides
- ★ Same design concept as the one for 4 x 5 format

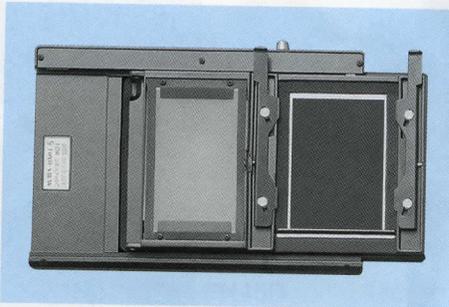


## QUICK SLIDING CARRIAGE

An adaptor for attaching a roll film holder to the camera when using roll film. Sliding carriage allows focusing with the roll film holder attached, making it quick and easy to focus and shoot.



No. 1035 SGII 4V



No. 1045 SGII 4A

Item No./Code	Applicable Camera (s)	Roll Film Holder
1035 SGII 4V	ROBOS TOYO-VIEW 45G TOYO-VIEW 45C TOYO- FIELD 45A	TOYO roll film holder No.8032, No.8034 Graflok film holder
1045 SGII 4A	Any 4x 5 camera with Universal Camera Back	TOYO roll film holder No. 8032, No. 8034 Graflok film holder



### QUICK SLIDING CARRIAGE FOR SPEEDY PHOTOGRAPHING

For simple and rapid view camera operation when using ground glass focusing with roll film backs. First, compose and focus with the ground glass. Close the lens and cock the shutter. Then slide the roll film back into place for exposure. Models available to fit all brand 4 x 5 cameras with standard Graflok backs, all TOYO 4 x 5 cameras, and the TOYO 23G. Replaces only the ground glass frame or entire camera back, depending upon model.

## ROLL FILM HOLDERS

- ★ TOYO roll film holders are manufactured with a unique design to prevent curling of the film
- ★ Rotary film counter
- ★ Smooth and tight film winding
- ★ High precision ratchet



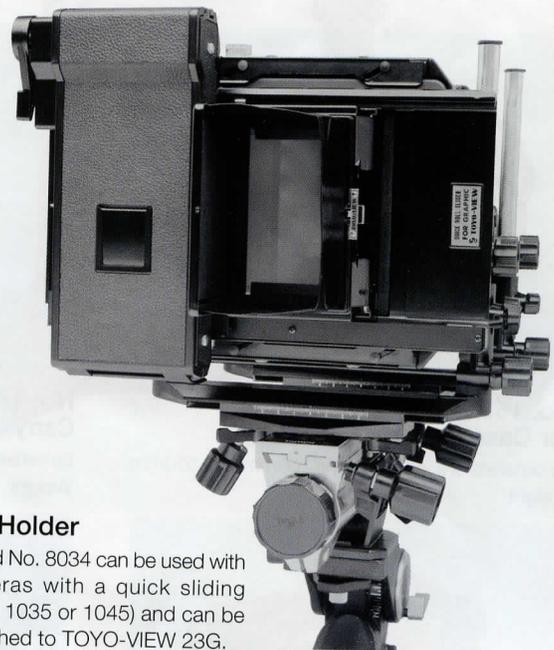
### Roll Film Holder

No. 8031 and No. 8033 can be loaded without removing the focusing frame, just as when using an ordinary cut film holder.



### Roll Film Holder

No. 8032 and No. 8034 can be used with 4 x 5 cameras with a quick sliding carriage (No. 1035 or 1045) and can be directly attached to TOYO-VIEW 23G.



	TOYO Roll Film Holder 67/45	TOYO Roll Film Holder 69/45
Item No. / Code	No.8031 RFH67/45	No.8033 RFH69/45
Applicable Film	120 Roll Film	120 Roll Film
Nominal Format	6cm X 7cm	6cm X 9cm
Actual Format	56mm X 67mm	56mm X 84mm
Exposures	10 exp.	8 exp.
Film Counter	Rotary Counter	Rotary Counter
Film Winding	Multi - movement winding	Multi - movement winding
Camera Attaching Standard	4 X 5 International Standard (Universal)	4 X 5 International Standard (Universal)
Overall Dimensions	128mm X 211mm X 48mm	128mm X 211mm X 48mm
Weight	670g	670g

	TOYO Roll Film Holder 67	TOYO Roll Film Holder 69
Item No. / Code	No.8032 RFH67	No.8034 RFH69
Applicable Film	120 Roll Film	120 Roll Film
Nominal Format	6cm X 7cm	6cm X 9cm
Actual Format	56mm X 67mm	56mm X 84mm
Exposures	10 exp.	8 exp.
Film Counter	Rotary Counter	Rotary Counter
Film Winding	Multi - movement winding	Multi - movement winding
Camera Attaching Standard	6 X 9 International Standard (Universal)	6 X 9 International Standard (Universal)
Overall Dimensions	113mm X 211mm X 47mm	113mm X 211mm X 47mm
Weight	580g	580g

## CARRYING CASES

- ★ Variable types of carrying cases are available from TOYO.
- ☆ Handles are included in the given dimensions.

### No. 10190 Carrying Case for ROBOS

Dimensions (H) 470mm x (W) 270mm x  
(L) 495mm  
Weight 5.3kg

This black finish carrying case with ROBOS logo is made of solid aluminum alloy and is suitable for storage and easy carrying. Accommodates not only a camera, but lenses, film holders, loupes, and other accessories.



### No. 10191 Compact Carrying Case for ROBOS

Dimensions (H) 360mm x (W) 160mm x  
(L) 470mm  
Weight 3.8kg

In this black finish carrying case with logo, a camera can be stored after separating the base and frame sections. Only stores one ROBOS camera, but the attached case size (360mm x 470mm x 160mm) makes it very portable.



### No. 1692 Air Case for 45A

Dimensions (H) 280mm x (W) 200mm x (L) 510mm  
Weight 2.1kg



### No. 1890 Carrying Case for TOYO-FIELD 810M

Dimensions (H) 430mm x (W) 220mm x (L) 440mm  
Weight 4.5kg



### No. 8091 Carrying Case for 45G and 45C

Dimensions (H) 430mm x (W) 320mm x (L) 570mm  
Weight 6.9kg



### No. 8190 Carrying Case for 57G

Dimensions (H) 450mm x (W) 340mm x (L) 570mm  
Weight 7.0kg



### No. 8290 Carrying Case for TOYO-VIEW 810G

Dimensions (H) 560mm x (W) 330mm x (L) 590mm  
Weight 9.0kg



### No. 8291 Compact Carrying Case for TOYO-VIEW 810G

Dimensions (H) 560mm x (W) 240mm x (L) 500mm  
Weight 6.0kg

The camera, with tripod mounting block removed, is stored set on the 150mm extension monorail. Also holds the tripod mounting block and 2 sets of 250mm extension monorails.

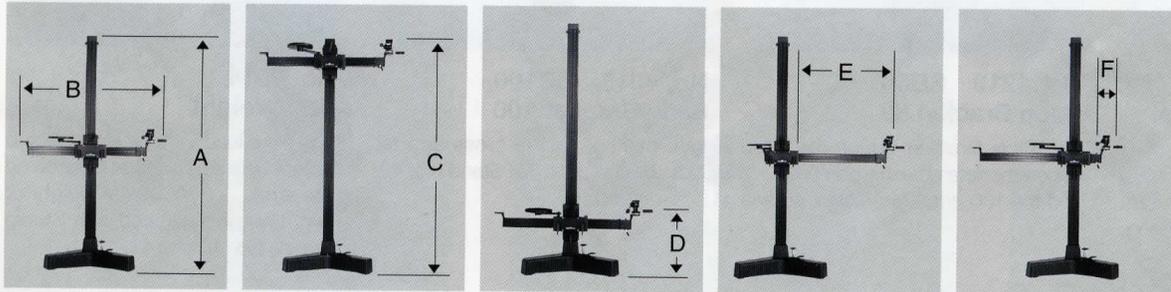
## CAMERA STANDS

### RELIABLE TOYO STUDIO STANDS

TOYO heavy duty studio weight stands are available in three sizes. All TOYO stands have very fine and smooth roller bearing movements combined with positive locks. Built-in air cylinder mechanisms in the lifting pedal (located at the base) easily lift and lock the entire stand without shock or vibration.



#### ■ Dimensions



#### ■ Specifications

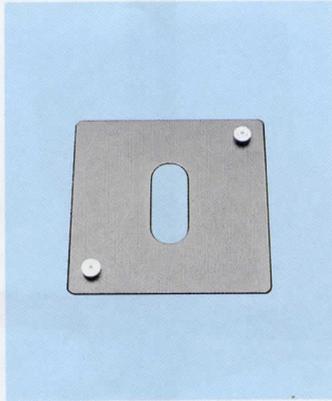
Item	Item No.	Code	Base Size	Size of Post	Size of Arm	Counter Balance	Dimensions (mm)						Weight
							A	B	C	D	E	F	
7ft. TOYO Studio Stand 101	40	TWS101	φ 920 mm	104 sq. mm	84 sq. mm	8kg~20kg	2,215	1,270	2,070	530	880	180	89.0kg
9ft. TOYO Studio Stand 101L	41	TWS101L	φ 1,100 mm	104 sq. mm	84 sq. mm	8kg~20kg	3,015	1,270	2,870	530	880	180	98.5kg
6ft. TOYO Studio Stand 81	42	TWS81	φ 840 mm	84 sq. mm	64 sq. mm	6kg~15kg	1,765	1,070	1,620	495	680	180	63.0kg

## STUDIO STAND ACCESSORIES



**No. 7501 TTHM-II  
TOYO Pro Pan Head M-II**

TOYO Pro Pan Head is rigid and reliable, with 3-way pan head action, and can be used on any stand or tripod with a 3/8" thread. Specially designed for large format cameras. Spirit levels and scales included.



**No. 7531 SGA  
Rapid Mount Adaptor**

For rapid alignment of TOYO-VIEW camera mounting blocks to TOYO Pro Pan Heads. Inserts between block and pan head.



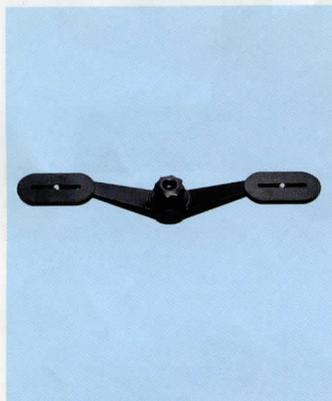
**No. 4011 AGE  
Geared Column**

The geared column fits on the end of the cross arm to control the camera position with gear drive.



**No. 4012 LAP  
Low Angle Arm**

Fits on the end of the cross arm to accommodate the camera at an extra low angle. It holds the pan head only 50mm from the floor at its lowest position.



**No. 3812 DA  
Double Head Swivel Arm**

Rotates 360 degrees and accommodates two pan heads. Can be used to mount extra-extended view cameras, using two mounting blocks for balance.

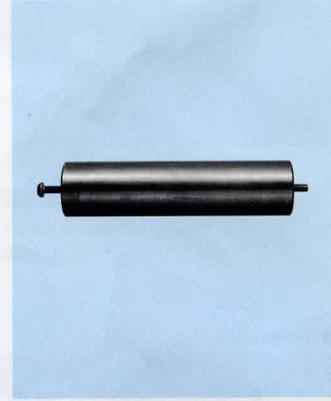


**No. 4213 SB80  
Slide Bracket 80**

The Slide Bracket fits on the intermediate position of the cross arm to accommodate an extra pan head. The Slide Bracket 80 is for Stand No. 42 and the 100 is for Stands No. 40 and 41.



**No. 4013 SB100  
Slide Bracket 100**



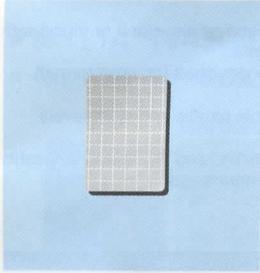
**No. 4014  
Sub Weight**

When the load is rather light, the sub weight acts as a counter balance on the arm. Supplemental weight of 3kg. Can only be used with Studio Stands No. 40 and 41.

## DIMENSIONS FOR FLANGE BACK COMBINATION

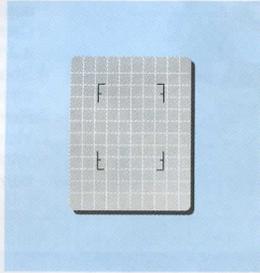
### GROUND GLASS FOCUSING SCREENS AND FRESNEL LENSES

☆ TOYO Focusing Screens are made of acid etched cm grid ground glass with a fine matte finish for firm confirmation of horizontal and vertical positioning.



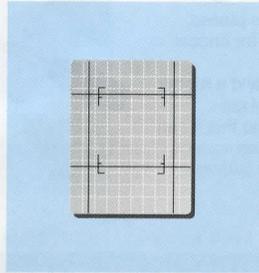
**No. 217 GG23**

Replacement 6 x 9cm ground glass for 23G camera backs and Quick Roll Sliding Adaptors.



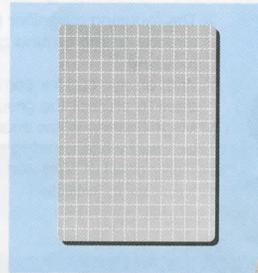
**No. 8015 GG45G**

Replacement ground glass for TOYO standard 4 x 5 camera backs.



**No. 10117 GG45R**

Replacement ground glass for TOYO ROBOS 4 x 5 camera backs.



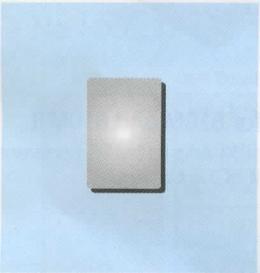
**No. 219 GG57**

Replacement ground glass for TOYO 5 x 7 camera backs.



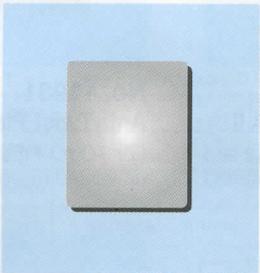
**No. 1815 GG810**

Replacement ground glass for TOYO 8 x 10 camera backs.



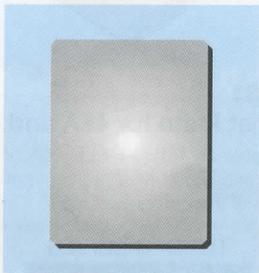
**No. 216 FL23**

Replacement Fresnel lens for TOYO-VIEW 23G camera backs and Quick Roll Sliding Adaptors.



**No. 212 FL45**

Replacement Fresnel lens for TOYO ROBOS, 45G, and 45A 4 x 5 camera backs.



**No. 213 FL57**

Replacement Fresnel lens for TOYO 5 x 7 camera backs.

### INFINITY STOPS, SPIRIT LEVELS, AND LENS MOUNT WRENCHES



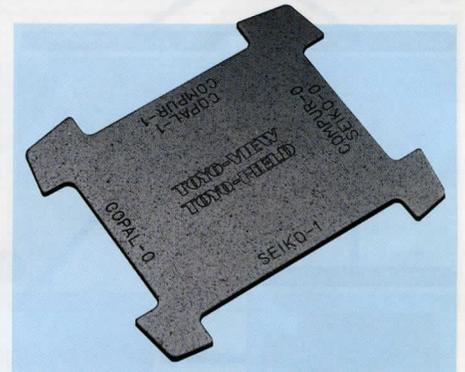
**No. 1300 SPS  
Infinity Stops**

☆ Pair of additional infinity stops for TOYO-FIELD 45A and 810M cameras. Can be folded when not in use.



**No. 8071  
Spirit Levels**

☆ Single housing, dual axis spirit levels. Standard on all TOYO cameras except 45A.



**No. 4511  
Lens Mount Wrenches**

☆ Convenient tool for mounting and dismounting lenses with Copal, Compur, and Seiko #0 and #1 shutters on any lens board.

## TOYO FOCUSING LOUPE (MAGNIFIER)



**No. 11426**  
**TOYO Focusing Loupe Magnifier**

- ☆ The focusing magnifier (4x) is placed directly on the ground glass for critical focusing
- ☆ With an eye cup for comfort and a rubber case to protect the ground glass
- ☆ Magnification is low enough so that it can be used while wearing glasses
- ☆ Composed of light and solid aluminum
- ☆ Neck strap included

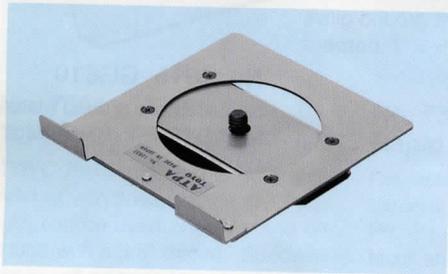
## TOYO PRO PAN HEAD M - II



**No. 7501 TPPHM - II**

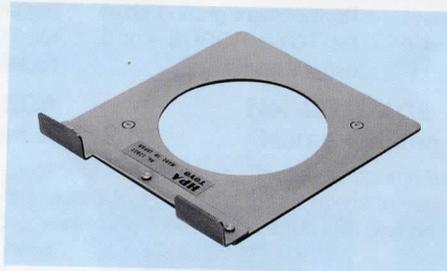
- ☆ Rigid and reliable, with 3-way pan head action
- ☆ Can be used on any stand or tripod with a 3/8" thread
- ☆ Specially designed for large format cameras
- ☆ Removable handle and spirit levels included
- ☆ With both 1/4" and 3/8" interchangeable camera mounting screws

## PAN HEAD PLATES



**No. 12032**  
**Mounting Adaptor Plate for TOYO-FIELD 45A II / QRC**

For setting 45A and 45AII to QRC camera Auto-Quick Release



**No. 12031**  
**Anti-Twist Plate for 45A and 45A II**

Inserted between TOYO-FIELD 45A or 45AII and Pan Head (No. 7501 M-II) to prevent unwanted movement of the camera



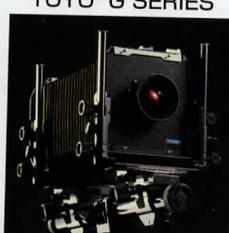
**No. 11931**  
**Anti-Twist Plate for 810M and 810M II**

For TOYO-FIELD 810M and 810MII to prevent unwanted movement of the camera

TOYO FIELD 45A II

TOYO FIELD 810M II

TOYO G SERIES

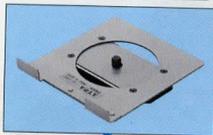


Mounting Adaptor Plate 45AII / QRC

Anti - Twist Plate 45AII

Anti - Twist Plate 810M and 810MII

Rapid Mount Adaptor

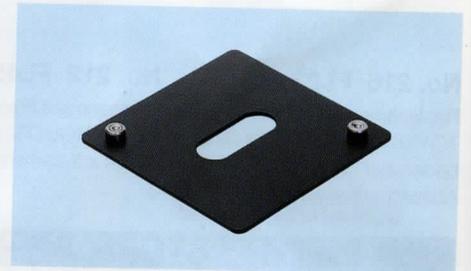


Camera Auto - Quick Release

TOYO Pro Pan Head M - II



Applicable to all Mounting Blocks



**No. 7531**  
**Rapid Mount Adaptor Plate**

For rapid adjustment of TOYO-VIEW camera mounting blocks to TOYO Pro Pan Heads. Inserts between block and pan head



# DIMENSIONS FOR FLANGE BACK COMBINATION

## How to use the table :

Select the applicable criteria from each of the three categories : (1)lens board, (2)camera body, and (3)camera back, then total the dimensions given ( TV = TOYO-VIEW, TF = TOYO-FIELD )

- No.114 TV45GII
- No.108 TV45GX

		Lens Board (1) - 1	Lens Board Adaptors(1) - 2	(2) - 1	(2) - 2	(2) - 3	(2) - 4	(3) - 1	(3) - 2
TV 45 G II	TV 45 G X	No.10101 2.0mm		Camera Body Using Balloon Bellows Min. Dimensions 71mm	Camera Body Using Balloon Bellows Max. Dimensions 340mm	Camera Body Using Standard Bellows Max. Dimensions 466mm, Min. Dimensions 76mm	Camera Body Using Long Bellow Max. Dimensions GX - 690mm GII - 500mm	Camera Back No.8005 17.05mm	Quick Sliding Carriage (No.1035) 35.4mm
		No.1129 -38.0mm							
		No.1601 2.2mm	No.1052 -1.4mm						
			No.1057 -39.7mm						
		No.117 2.3mm	No.1051 -1.6mm						
	No.1056 -39.8mm								
	No.1050 -0.7mm								
	No.1055 -38.7mm								

- No.120 TF45AII

		Lens Board (1) - 1	Lens Board Adaptors(1) - 2	(2) - 1	(2) - 2	(3) - 1	(3) - 2
TF 45 A II	No.1601 2.2mm		Camera Body Min. Dimensions 51mm	Camera Body Max. Dimensions 304mm	Camera Back No.8005 17.05mm	Quick Sliding Carriage (No.1035) 35.4mm	
	No.1640 -24.8mm						
	No.12040 -12.5mm						
	No.117 2.3mm	No.1631 9.1mm					
	No.5081 1.9mm	No.1630 10.0mm					
	6 x 9 Horseman Board	No.1632 2.2mm					
	No.1637 -24.8mm						

- No.116 TV810GII
- No.119 TF810MII

		Lens Board (1) - 1	Lens Board Adaptors(1) - 2	(2) - 1	(2) - 2	(2) - 3	(2) - 4	(3) - 1	(3) - 2
TV 810 G II	TF 810 M II	No.10101 2.0mm		TV810GII Min. Dimensions 67mm	TV810GII Max. Dimensions 482mm	TF810MII Min. Dimensions 70mm	TF810MII Max. Dimensions 804mm	Camera Back No.8205 16.35mm	Reducing Adaptor Boards No.1830 1.6mm +No.8005 Camera Back (+17.05mm)
		No.1129 -38.0mm							
		No.1601 2.2mm	No.1052 -1.4mm						
			No.1057 -39.7mm						
		No.117 2.3mm	No.1051 -1.6mm						
	No.1056 -39.8mm								
	No.1050 -0.7mm								
	No.1055 -38.7mm								

★ "Maximum Dimensions" are the dimensions measured with the standard set monorails (250mm + 250mm). For longer monorails, add the dimensions needed from an extension monorail to obtain the desired length. Bellows can be added by use of sub frames.

# SPECIFICATIONS OF TOYO CAMERAS

## Monorail-type Cameras

Item No. Code	No.89 TV45C		No.101 ROBOS		No.108 TV45GX		No.114 TV45GII		No.122 VX125		
Format	4 × 5 inch		4 × 5 inch		4 × 5 inch		4 × 5 inch		4 × 5 inch		
Camera Back	Revolving Universal back		Revolving Universal back with fresnel lens		Revolving Universal back with fresnel lens		Revolving Universal back with fresnel lens		Revolving Universal back with fresnel lens		
Monorail	39mm in diameter, standard 450mm, non extendable		39mm in diameter, standard 250mm + 250mm, unlimited extension capacity		39mm in diameter, standard 250mm + 250mm, unlimited extension capacity		39mm in diameter, standard 250mm + 250mm, unlimited extension capacity		39mm in diameter, 125mm to 315mm with use of extension pipe		
Movement	Front Frame	Rear Frame	Front Frame	Rear Frame	Front Frame	Rear Frame	Front Frame	Rear Frame	Front Frame	Rear Frame	
Rise	120mm	120mm	80mm	80mm	145mm	145mm	145mm	145mm	70mm	70mm	
Left Shift	45mm	45mm	40mm	40mm	35mm	35mm	35mm	35mm	30mm	30mm	
Right Shift	45mm	45mm	60mm	60mm	35mm	35mm	35mm	35mm	40mm	40mm	
Swing	360°	360°	360°	360°	30°+30°	30°+30°	30°+30°	30°+30°	25°+25°	25°+25°	
Axis Tilt	----	----	30°+30°	30°+30°	----	----	----	----	----	----	
Base Tilt	----	----	45°+45°	45°+45°	45°+45°	45°+45°	----	----	25°+25°	25°+25°	
Centre Tilt	48°+48°	48°+48°	----	----	45°+35°	45°+35°	45°+35°	45°+35°	----	----	
Fine Focus	42mm	42mm	50mm	50mm	60mm	60mm	60mm	60mm	30mm	30mm	
Flange Back Length	82mm ~449mm		96mm ~466mm		99mm ~485mm		99mm ~485mm		67mm ~327mm (with extension pipe)		
Min. Flange with Wide Angle Board	42mm		33mm		50mm		50mm		27mm		
Folded Dimensions	Height	352mm		411mm		397mm		340mm		302mm	
	Width	274mm		225mm		266mm		266mm		226mm	
	Length	474mm		291mm		291mm		291mm		125mm	
Weight	4.1kg / 9 lbs		5.5kg / 12.1 lbs		6.4kg / 14.1 lbs		5.5kg / 12.1 lbs		2.7kg / 5.9 lbs		

## Field-type Technical Camers

No.115 TV57GII		No.116 TV810GII	
5 × 7inch		8 × 10 inch	
Vertical / horizontal Graflok type with fresnel lens		Vertical / horizontal Graflok type	
39mm in diameter, standard 250mm + 250mm, unlimited extension capacity		39mm in diameter, standard 250mm + 250mm, unlimited extension capacity	
Front Frame	Rear Frame	Front Frame	Rear Frame
145mm	130mm	145mm	170mm
35mm	35mm	35mm	60mm
35mm	35mm	35mm	60mm
30°+30°	30°+30°	30°+30°	30°+30°
----	----	----	----
----	----	----	----
45°+35°	45°+35°	45°+35°	50°+50°
60mm	60mm	60mm	60mm
76mm ~500mm		85mm ~500mm	
36mm		45mm	
385mm		471mm	
328mm		445mm	
291mm		291mm	
5.8kg / 12.8 lbs		8.9kg / 19.6 lbs	

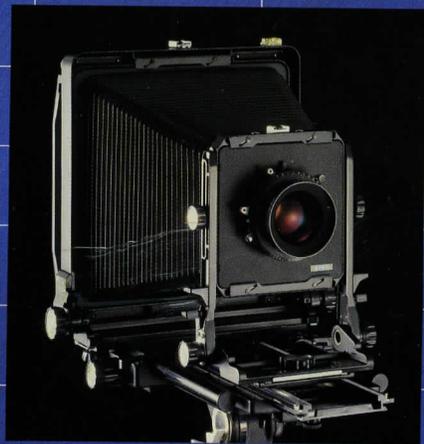
Item No. Code	No.120 TF45AII		No.119 TF810MII	
Format	4 × 5 inch		8 × 10 inch	
Camera Back	Revolving Universal back with fresnel lens		Vertical / horizontal Graflok type	
Movement	Front Frame	Rear Frame	Front Frame	Rear Frame
Rise	20mm	----	44mm	----
Fall	23mm	----	46mm	----
Left Shift	7mm	----	40mm	----
Right Shift	7mm	----	40mm	----
Swing	8°+8°	8°+8°	360°	6°+6°
Base Tilt	90°+15°	90°+15°	90°+15°	90°+15°
Front Extension	89mm		230mm	
Yoke Focusing	91mm		154mm	
Rear Extension	71mm		186mm	
Flange Back Length	70mm ~324mm		88mm ~822mm	
Min. Flange with Wide Angle Board	43mm		48mm	
Folded Dimensions	Thickness	107mm		158mm
	Height	188mm		366mm
	Width	209mm		379mm
Weight	2.8kg / 6.2 lbs		6.8kg / 15 lbs	



CATALOG



# TOYO



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