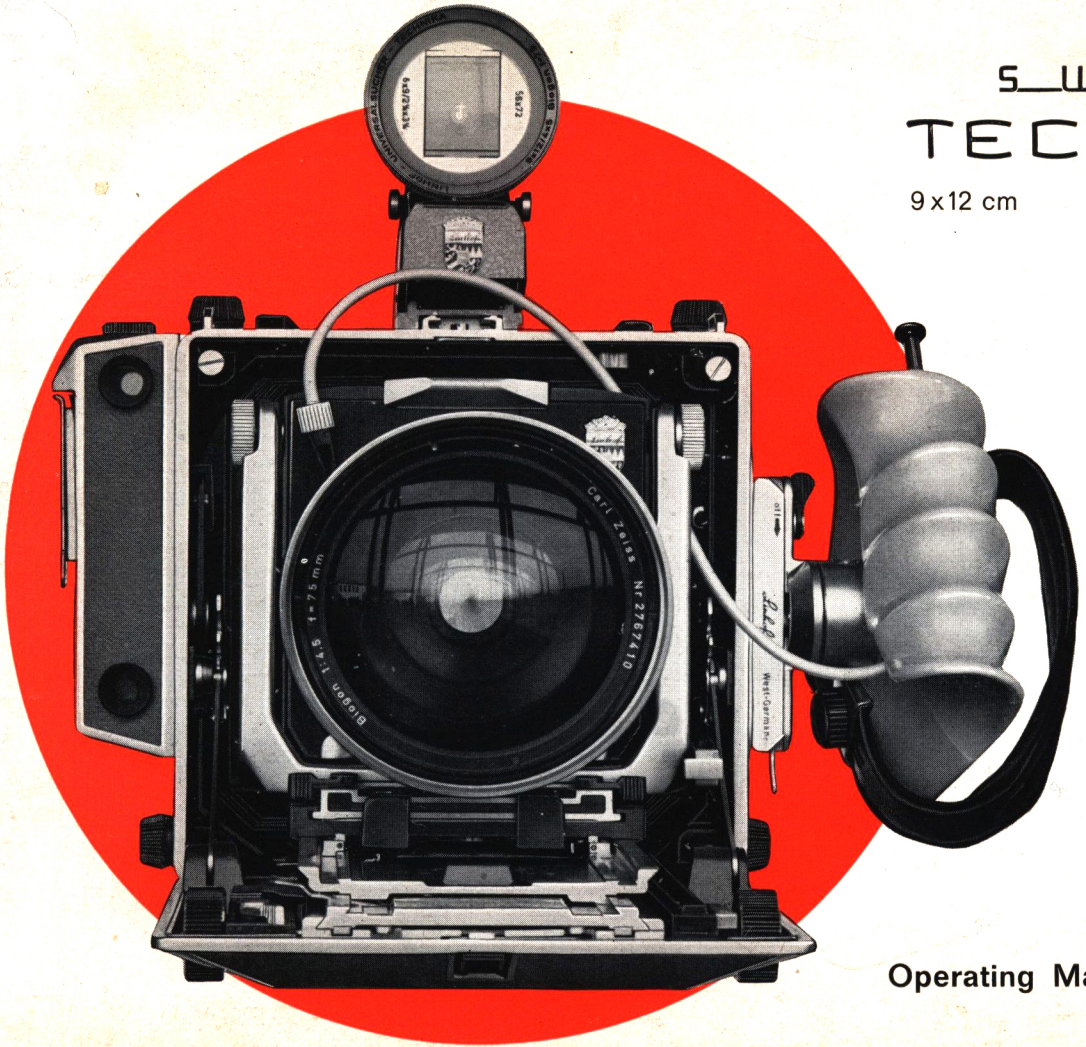
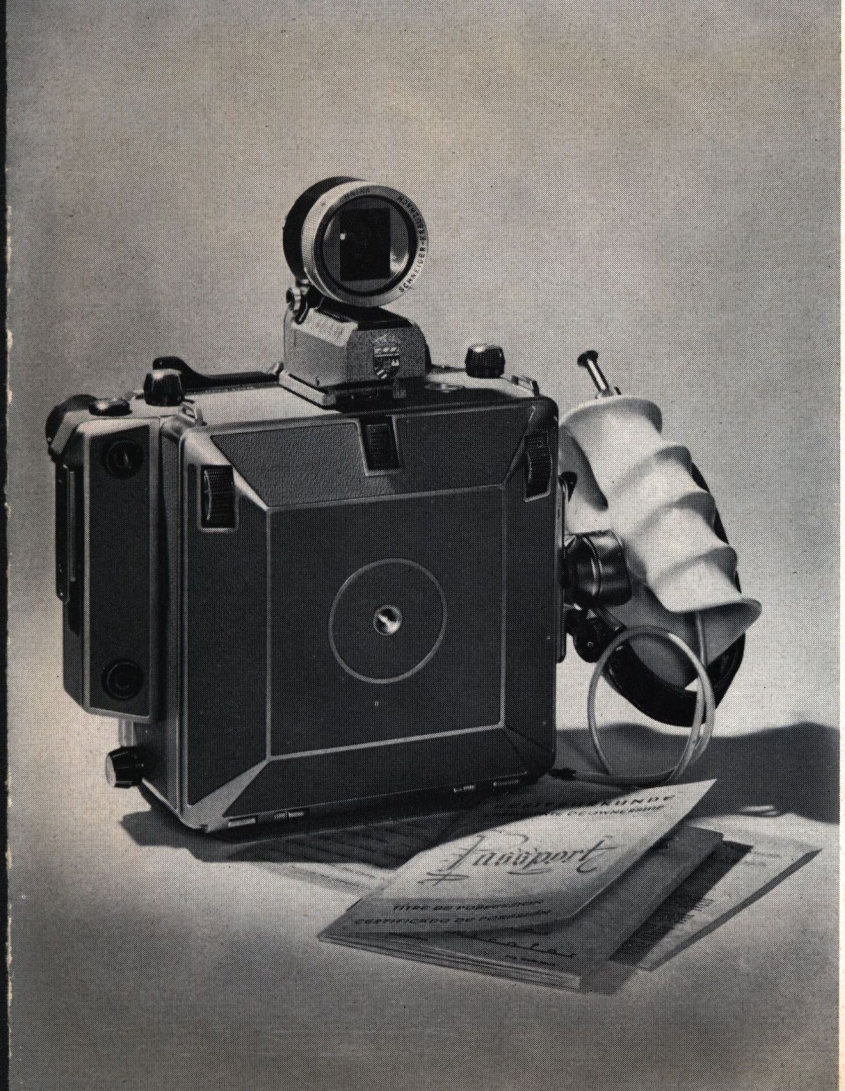


super TECHNIKA

9 x 12 cm 4 x 5 in.

Operating Manual

Linhof

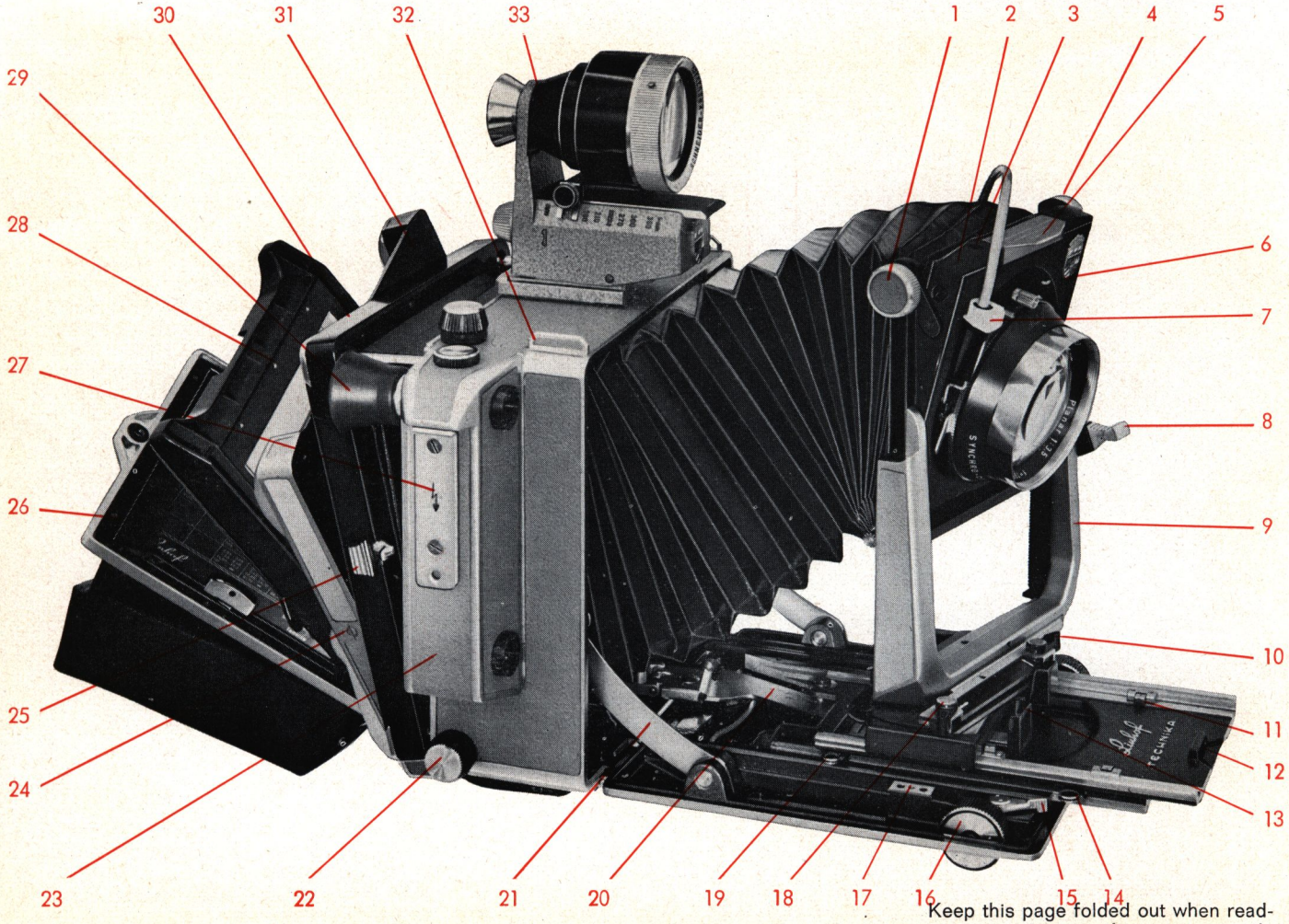


Before you start using your new camera . . .

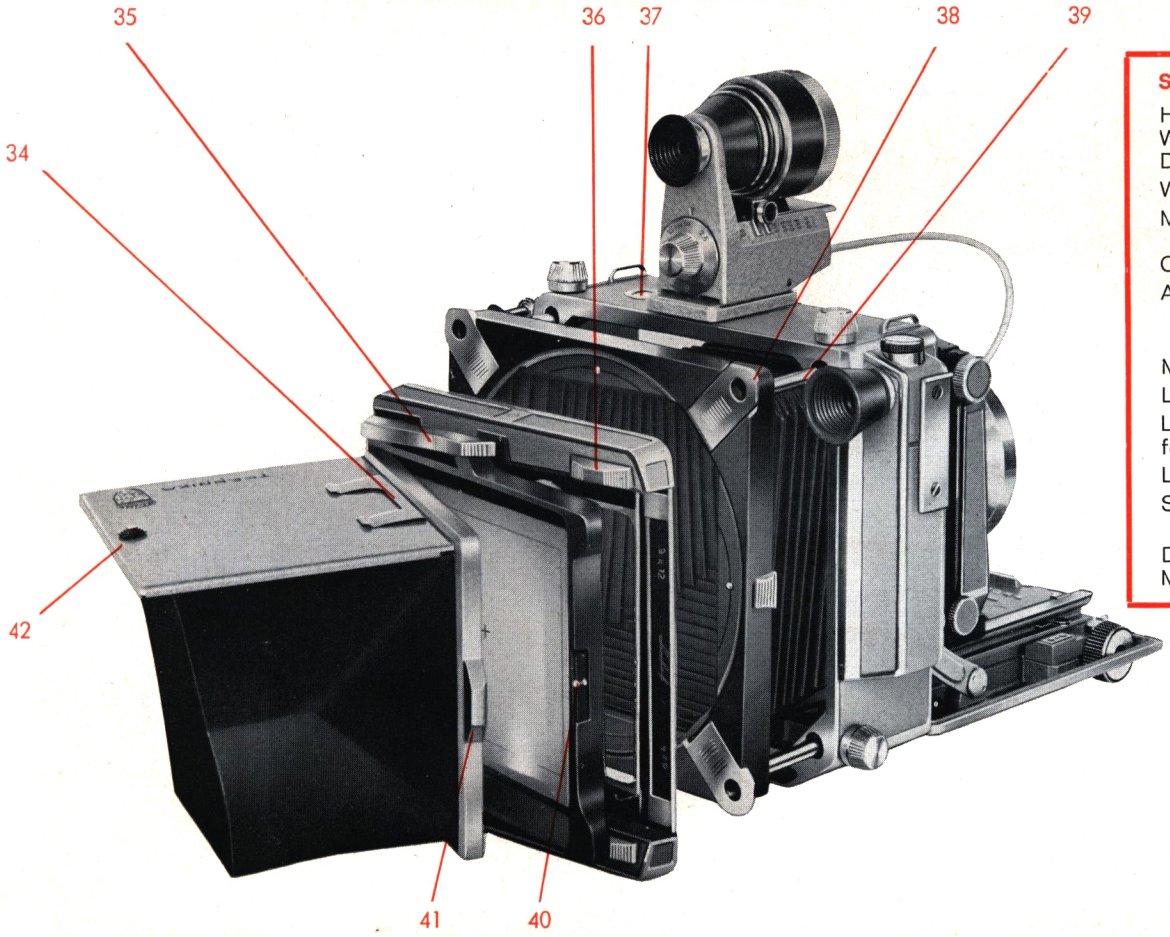
. . . please take the time to get acquainted with its many unique features and smooth operations described in the following pages. Your SUPER TECHNIKA is ruggedly built in the best Linhof tradition. Yet, it is a precision instrument and you should treat it as such. Make it a habit to protect your camera from dust, sand, or spray and avoid rough handling. This will insure readiness, consistantly reliable performance, and lasting service. All movable parts are free from the necessity of continuous servicing. Keep gliding parts, such as upper track, always absolutely clean. You may apply a very thin film of chemically pure vaseline to the upper track. Under no circumstances should oil be used! After continuous intensive use, periodic inspection and servicing is as important for your camera as it is for your car. Your Linhof dealer or the nearest Linhof service department are always ready to serve you in every possible way.

Please make sure that you receive together with your outfit the camera passport. The guarantee registration card contained therein should be filled in and mailed to Linhof immediately to validate the guarantee.

Upon receipt of the registration card, a free sample copy of the famous quarterly magazine INTERNATIONAL PHOTO TECHNIK (Grossbild-Technik) will be mailed to you. In addition, our customer service department will send you information on new Linhof equipment etc. from time to time. We would also like to draw your attention to such specialized publications as the LINHOF PRACTICE, TECHNIQUES OF ADVERTISING PHOTOGRAPHY, and APPLIED PHOTOGRAPHY books. Further information on the complete range of publications of large format photography may be obtained from VERLAG GROSSBILD-TECHNIK G.m.b.H., 8 München 25, Rupert-Mayer-Strasse 45.



Keep this page folded out when reading instructions, so that you can easily identify the numbered operating parts.



Specifications:

Height: $7^1/_4$ in.
Width: $8^3/_5$ in. (without anat. grip)
Depth: $4^1/_3$ in.
Weight (without lens): 6 lb. 1 oz.
Maximum Bellows Extension: $15^3/_4$ in.
Camera Back Extension: $1^3/_8$ in.
Angles of Drop of Camera Bed: 15 and 30° beyond normal drop of 90°
Maximum Rise of Front: $1^3/_4$ in.
Lateral Shift, each way: 1 in.
Lens Tilt: 15° each way, forward and backward
Lens Swivel: 15° each way
Swing of Camera Back: 15° to each side
Design Features subject to Modification.

Operating Parts and Components

1. Locking screw for lensboard tilt
2. Lens standard
3. Sockets for wire-frame finder and Color compendium, as well as gelatine filter holder
4. Release button for forward and backward tilt through the center of the horizontal axis
5. Locking bar for interchangeable lensboard
6. Lensboard (flat or recessed)
7. Rapid-lock cable release socket
8. Lift lever for operating rising front
9. Lens standard frame with racks
10. Release lever for front swivel through vertical axis
11. Flip-over infinity stops (one pair for each lens)
12. Pull-out grip for upper track
13. Spring-tensioned grips for pulling out lens standard
14. Release for full extension and retraction of upper track
15. Locking lever for track extension
16. Rack-and-pinion focusing knob (right and left)
17. Two-pin socket for cable release
18. Locking and release lever for lateral shift with zero click-stop
19. Release for pushing back the upper track when using wide-angle lenses or for pulling it forward for triple extension
20. Cam shoe with range finder coupling cam
21. Three position bed struts for normal position
22. Captive locking knobs (4) for swing-back
23. Multifocus rangefinder for lenses from 75 mm (3in.) to 360 mm (14 in.) focal length
24. Position mark of focal plane
25. Swing frame zero lock
26. Folding focusing hood, detachable
27. Bracket for flash unit or right-hand anatomical grip
28. Spring-tensioned groundglass frame with groundglass
29. Rangefinder eyepiece
30. Swing-frame
31. Revolving frame
32. Eyelets for shoulder strap
33. Multifocus optical viewfinder (optional accessory)
34. Spring-clip to hold dark slide
35. Spring-tensioned arms to hold groundglass frame
36. Sliding locks to hold Rollex or other accessories
37. Built-in spirit level
38. Slide (4) to hold revolving frame on swing frame
39. Guiding pins of swing frame
40. Snap button to hold focusing hood frame
41. Pull-out handle for focusing hood frame
42. Sliding button to open focusing hood

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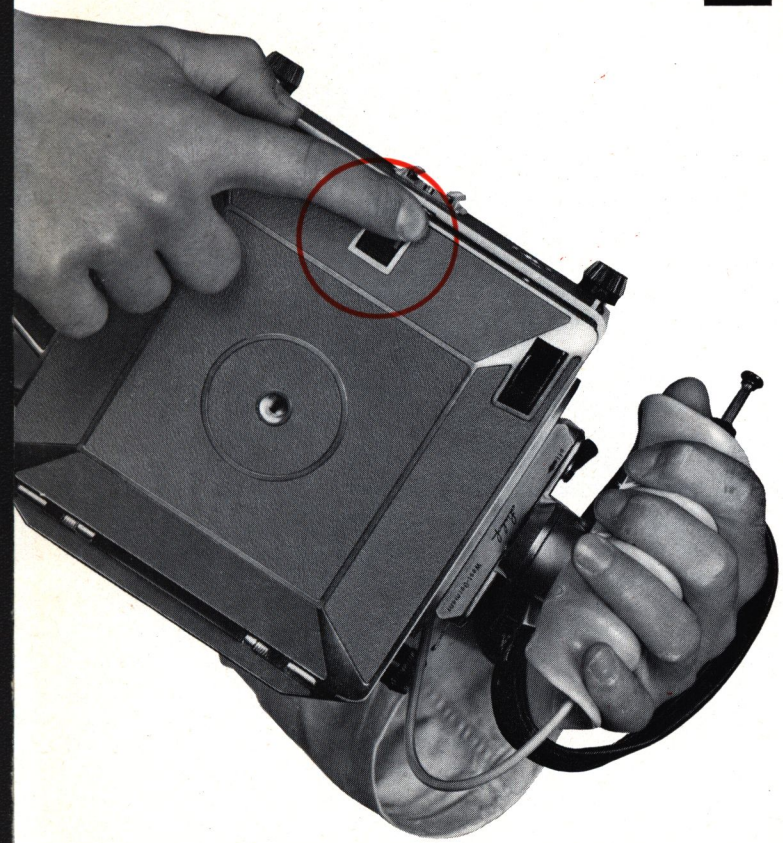

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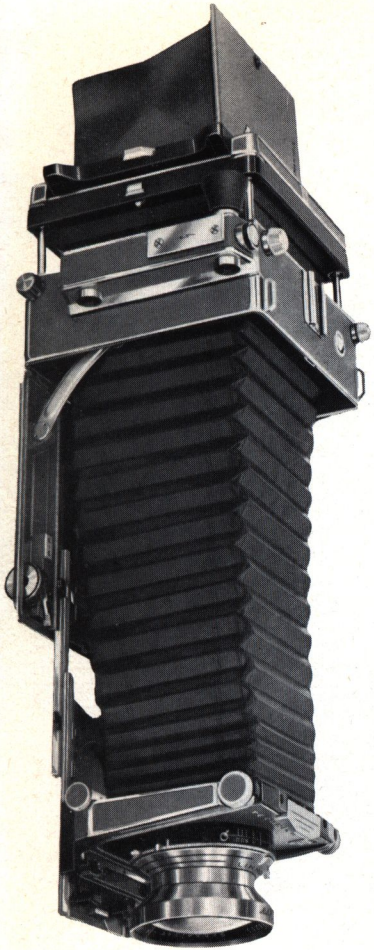
1 Opening and Closing the Camera

To open the camera, push the drop bed release catch down (ill. 1). Let the drop bed down 90° until the bed struts click into the first notch (ill. 2).

When you close the camera after use, please make sure that it is in the same position as it stands now before you. All swings and tilts must have been returned to zero and the lens standard must be pushed back all the way into the camera body. The focusing tracks must be all the way back in infinity position. Lenses of extra long constructional design (such as tele-photo lenses) must be removed from the camera before closing. The cable release must be separated from the shutter. This is easily done by operating the rapid-lock cable release socket. Without danger to the rangefinder linkage, the camera may also be closed without coupling cam inserted (s. g. after groundglass focusing resp. after using an extreme wide-angle lens).

2 Infinity Position

The upper track is fitted with fold-up stops which establish the infinity position for the lens standard. One pair of parallel stops belongs to each lens used on the camera. Infinity stops for different lenses have different colors for easy identification: Red is the distinguishing color for the normal, black for the wide-angle, and green for the tele-photo lens. If more lenses are installed, additional colors such as yellow or blue will be used. Grasp the lens standard (9) by the pull-out grips (13) and pull it out on the upper track against the desired infinity stops, which have been folded up before. The camera is now set for infinity. When using a standard long focus lens from 240 mm up or a telephoto lens of 360 mm, it is in addition required to pull out the upper track to the secondary stop after pressing down the release (19). For such lenses, the distance scale located near the front edge of the drop bed applies (encircled). The red index of the drop bed is now located on the infinity mark of the distance scale. The distance scale stage carries up to 3 scales, one each for wide angle, normal, and telephoto lenses. Their color corresponds with the color of the infinity stops and rangefinder coupling cams. When more than 3 lenses are used on the camera, the scale stage may be exchanged for another one carrying additional scales simply by pulling it off its dovetail.



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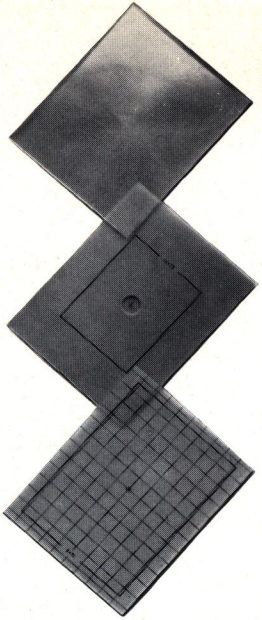

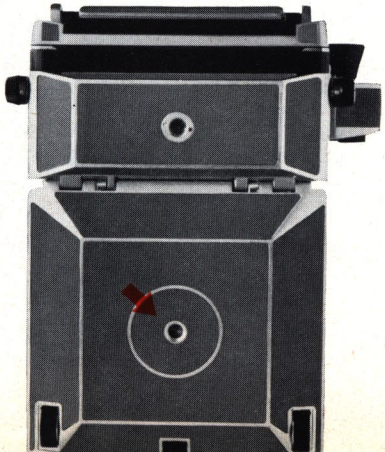

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3 Triple Extension

To focus on subjects closer than infinity, rotate the right or left focusing knob (16). To obtain additional bellows extension (for extreme close-ups, macro photography etc.), first disconnect the cable release from the socket on the lensboard, and also detach it from anatomical grip. Then hold down the track catch (15) and pull the upper track forward until it clicks into position. Use the focusing knobs (16) for fine focusing on the ground glass. Reconnect the cable release to the rapid-lock socket on the lensboard. After focusing is completed, it is recommended to operate the track locking lever (15). This is particularly important when using the camera in a vertical position. To return the upper track to its normal position, hold down the catch (14) while you slide the track back until it clicks into place. To avoid a possible camera vibration with long bellows extensions it is recommended to use the second tripod bushing located in the middle of the drop bed (see illustration 3, below). The use of this tripod bushing also permits the rotating of the camera back and the dropping of the camera bed (wide angle position) when the camera is mounted on a pan/tilt head.

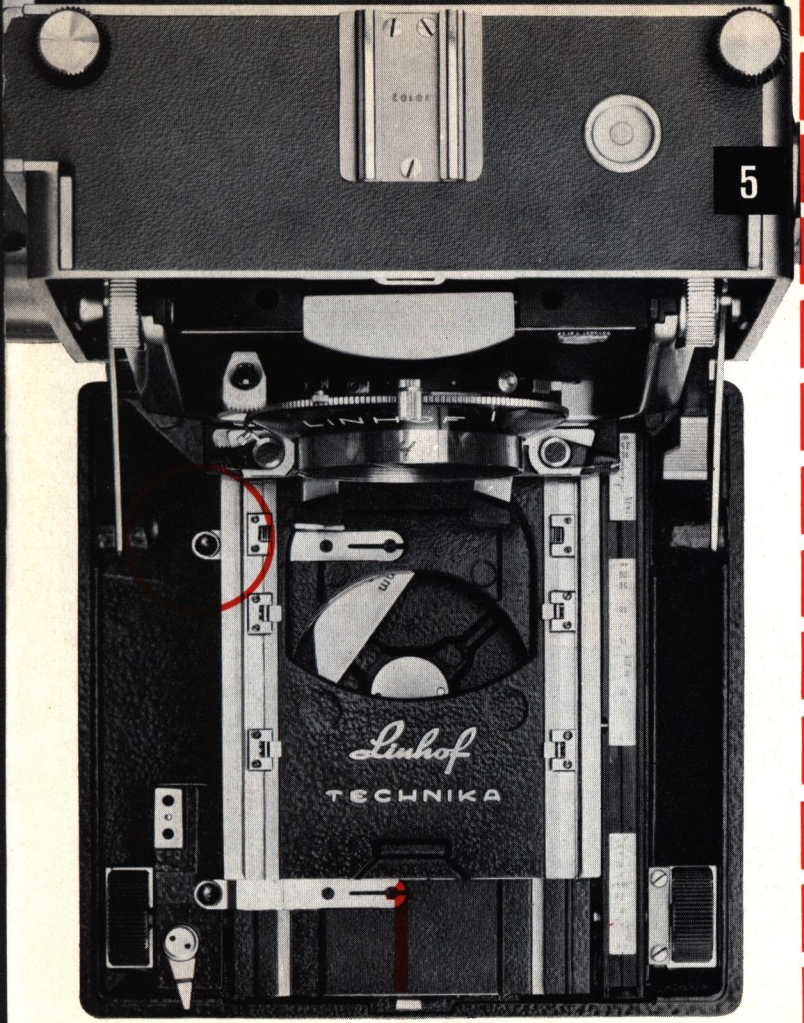
4 Ground Glass Focusing

Ground glass focusing and composition is required when camera adjustments become necessary.

After setting the lens for infinity, the between-lens-shutter is opened according to the shutter operating instructions packed with each lens.

By pushing the sliding button (42) towards the center of the focusing hood cover, the focusing hood snaps open by spring tension. The focusing hood prevents stray light so that a clear easily observable ground glass image becomes visible. It is always recommended to determine critical sharpness by means of the Linhof focusing magnifier (ZYL). Before using the magnifier, fold away the focusing hood (ill. 4). The focusing hood frame is held in place by a snap button; it is opened by pulling on the grooved tab (41). After opening, the focusing hood may be removed entirely by pressing the focusing hood frame to the right so that it disengages from its spring loaded hinge. To avoid stray light which will dim the ground glass considerably, please use a focusing cloth with zipper and lead cord (ZYEZ) in connection with the Linhof focusing magnifier.

In architectural photography a ground glass with centimeter grid (ZMGN), available on request as accessory, greatly facilitates to check on vertical and horizontal lines. A very desirable accessory, especially when using short focus (wide angle) lenses, is the Ektalite field lens (ZMHN). It provides a uniform brightness of the ground glass image, even on its edges, so that focusing and composition are greatly facilitated. For checking on the critical sharpness with the focusing magnifier, the unbreakable Ektalite field lens may be removed simply by pulling it off its spring tensioned retaining brackets.



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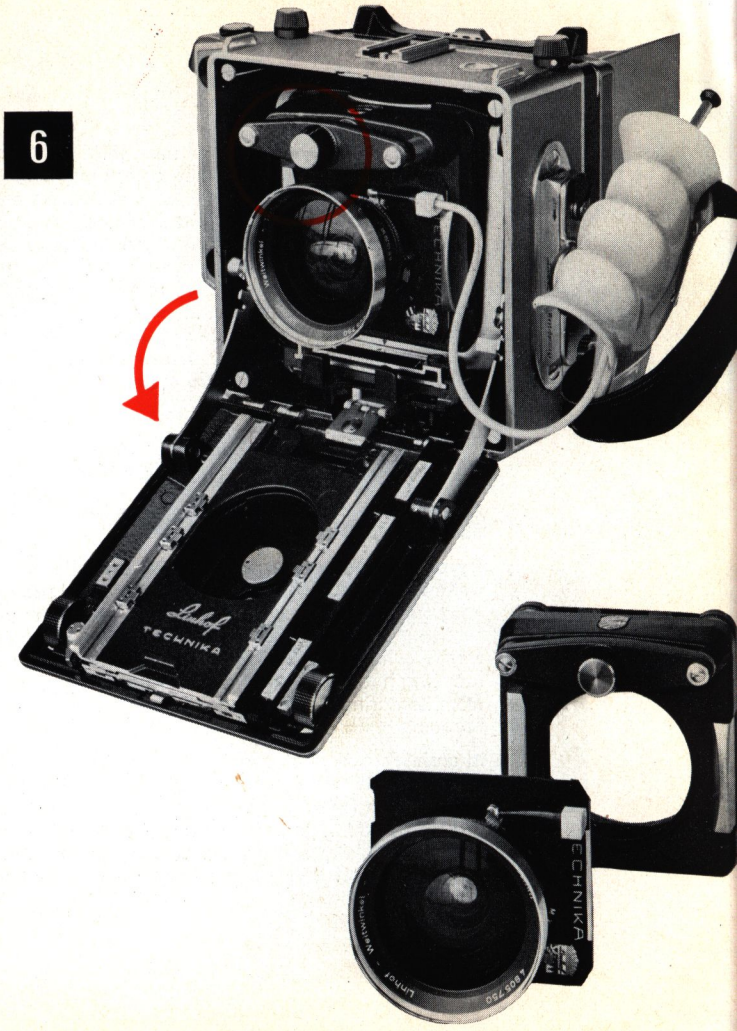


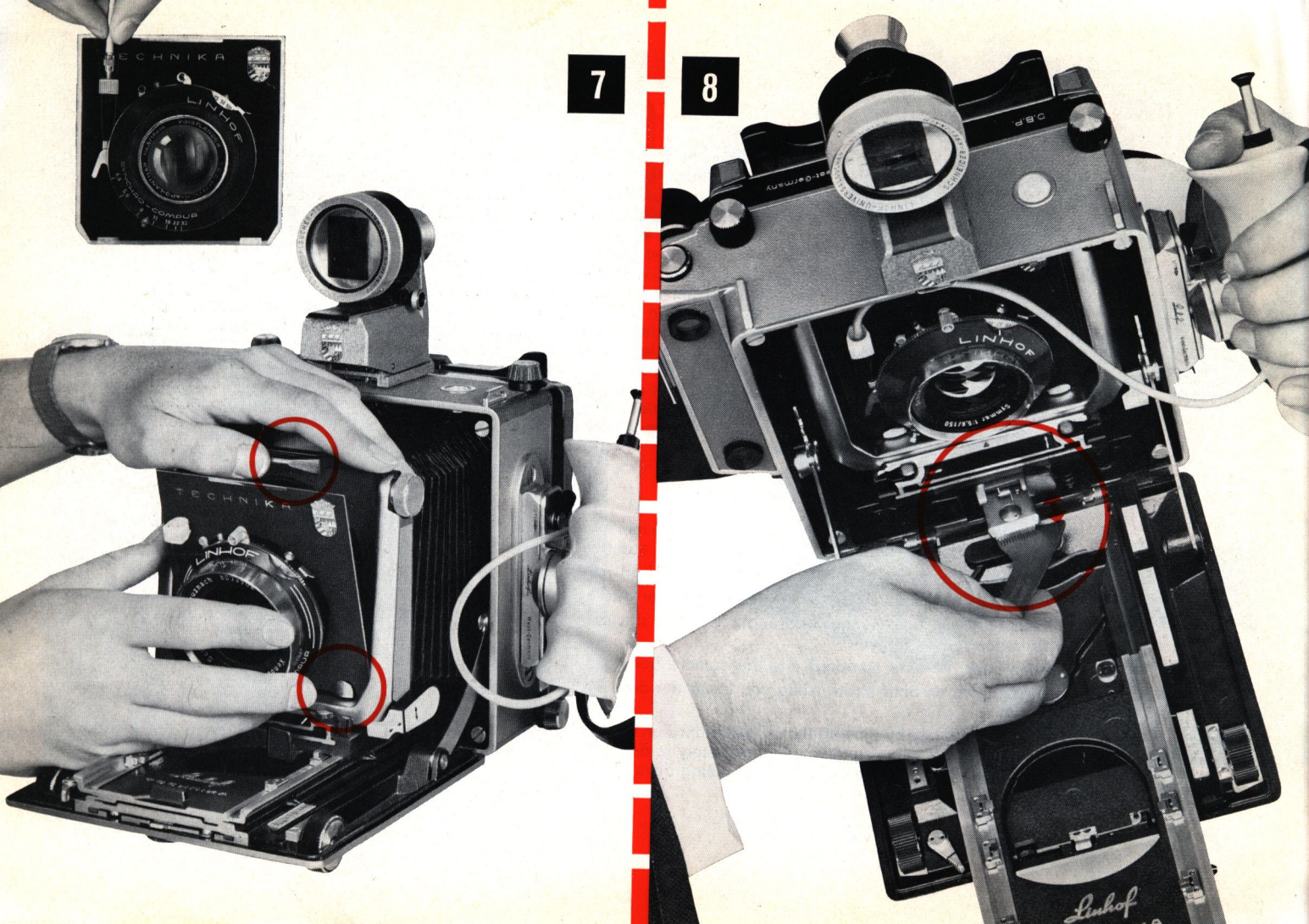
5 Wide Angle Photography

When using 75 and 90 mm wide angle lenses the upper track (12) must be moved back as follows: Depress the track lock button (19) (ill. 5, red circle) just long enough to release the track and slide the track towards the camera body until it clicks into position. When using the camera hand-held and with rangefinder focusing, the film back must be in horizontal position in order to avoid vignetting by the front edge of the drop bed (when using the 75 mm f/4.5 Biogon, ground glass may also be used in vertical position). To take photographs in vertical position, the entire camera must be turned by 90°. This camera operation is essential when photographing with the coupled multifocus rangefinder. It is also recommended when focusing on the ground glass. In exceptional cases (vertical composition from a tripod with 75 or 90 mm Super Angulon without using the rising front adjustment), it is possible to proceed in the following manner in order to avoid the need for a lateral tilt of the camera: Remove rangefinder coupling cam (except wide angle cam), pull out lens standard to the middle of the upper track, insert wide angle lens, press down on both struts while you lower the drop bed 15° until it clicks into the second notch of the struts, loosen the locking knob (1) and press on the tilt release knob (4), tilt the lensboard all the way back and re-tighten the locking knob (1). Now, as described above, the upper track is pushed to its rear position. Due to the inclined position of the drop bed, the infinity stops no longer indicate the wide angle infinity position. The lens is focused for infinity by moving the lens standard back and forth on the upper track.

6 Extreme Wide Angle Photography

When using **extreme** wide angle lenses of 58 to 65 mm focal lengths, a wide angle focusing device provided for these lenses is required. This makes the following additional operations necessary:

1. Remove rangefinder coupling cam as described on page 13.
2. Pull out lens standard to the middle of the upper track.
3. Exchange lens against the wide angle focusing device (ill. 6 below) fitted with the extreme wide angle lens as described on page 13.
4. Push back the lens standard into the camera body (see ill. 6).
5. Press down on both struts while you lower the drop bed 30 degrees until it clicks into the third notch of the struts.
6. Focus for infinity by moving the lens standard on the body track back and forth. Care should be taken that the wide angle focusing device is completely folded. Focus for near distances by turning the focusing button (in the red circle of the wide angle focusing device).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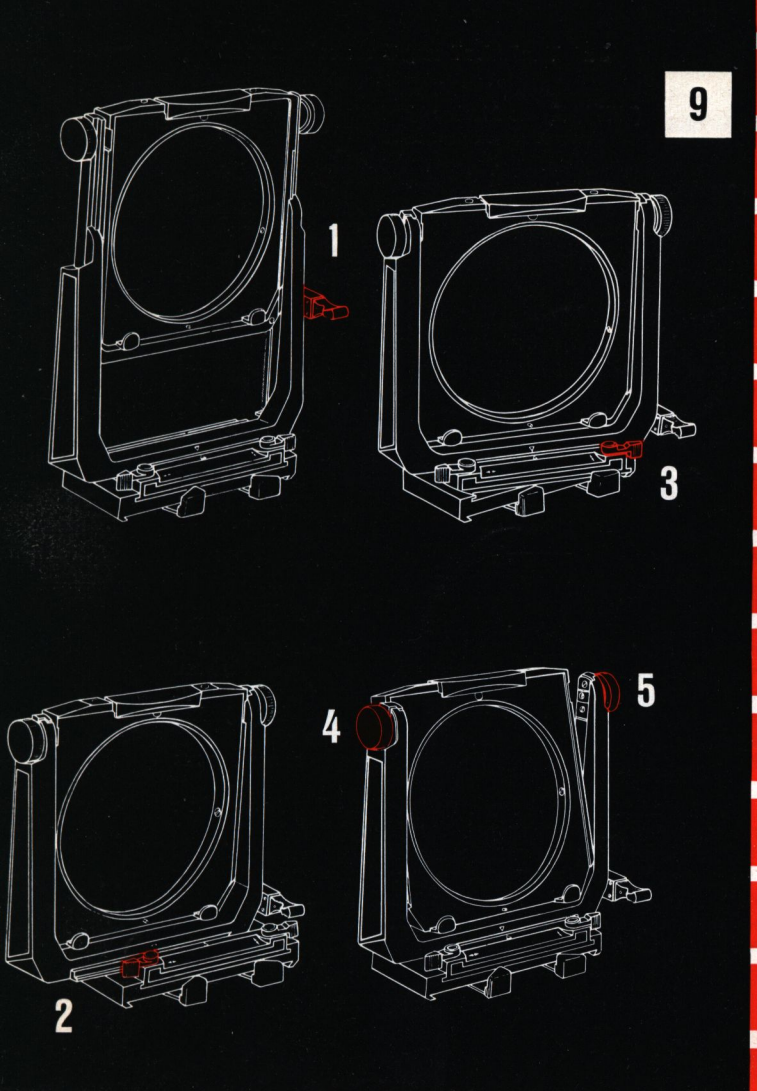
7 Interchange of Lenses

To change lenses first remove the cable release from the shutter by pressing down the white collar of the rapid lock cable release socket (see ill. 7, above), respectively unscrew the cable release from its shutter socket if no rapid lock is provided. Hold the lens by its shutter with one hand, lift the lensboard lock (5) with the other. Now, the lens-shutter-lensboard assembly may be removed from the lens standard. The new lens is inserted with the lower edge of the lensboard into the retaining brackets (see ill. 7, lower circle) and pushed back into the standard frame while lifting the lensboard lock (5). Only then the lensboard lock should be released. The insertion of lenses of long constructional design or with large size back elements (for instance 75 mm Biogon) is greatly facilitated with a longer bellows extension. – When focusing according to the scale, the pertaining distance scale mounted on the interchangeable scale stage must be used (page 6, ill. 2), i. e. for wide angle lenses the black engraved, for normal lenses, the red, and for telephoto lenses the green scale. If more than three lenses are coupled to the camera, additional color codes are available. The scale stage only contains as many distance scales as there are lenses coupled to the camera. The scale stage is interchangeable against another one to provide corresponding distance scales for more than 3 lenses. For focusing with the multifocus rangefinder, it is required to exchange the coupling cam together with the lens. (Before closing, lenses of long construction must be removed from the lens standard)!

8 Interchange of Coupling Cams and Rangefinder Focusing

Each rangefinder-coupled lens is supplied with a separate carefully matched coupling cam (20). On each coupling cam, both, lens serial number and focal length, are engraved. Before changing the coupling cam, the lens standard must be pushed back all the way into the camera body. The upper track of the drop bed is extended by means of the focusing knob until the coupling cam is freely accessible. Now, the coupling cam (20) is slightly lifted and pulled out in a straight direction from the cam shoe (see ill. 8). When inserting a new coupling cam, please make sure to push it into the cam shoe until it comes to a positive stop. Pull out lens standard to the required infinity stops. Focusing with the rangefinder is carried out in the following way: Focus your object through the eye piece (29) of the rangefinder (23). Operate the focusing knob (16) until the double image of the rangefinder coincides completely. Looking straight through the center of the finder is of great importance. Composition for vertical or horizontal format is carried out by the optical multifocus viewfinder (33) (Code ZSVF).

Even when using the camera mounted on a tripod the rangefinder will be very useful, for instance when taking photographs of children to check the critical sharpness immediately before releasing the shutter, or when taking photographs in dark interiors. When working with the optical multifocus finder and with the coupled range-finder, no camera adjustments whatsoever are possible. A very valuable accessory for hand-held work is the anatomical grip with cable-release inserted (code ZGLN). For coupling of subsequently purchased lenses it is not neccessary to return the Super Technika V to Linhof or to a Linhof service center. (Instructions for carrying out infinity adjustments are supplied with each lens purchased subsequently).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9

Adjustments of Lens Standard

1. **Rising of the front** is carried out by means of the lift lever (1/ill. 9 and ill. 10). With its grip handle, the lens can be raised. For lowering the lens to zero position, the grip handle of the lever is pushed back. Maximum rise is 55 mm ($2^3/_{16}$ in.). This upward shift moves the image in the same direction without disturbing parallelism with the film plane. The adjustment is primarily used in low angle photography to correct its resulting converging lines, or for high angle photographs when the camera is suspended by the Linhof outrigger arm (RZC) whereby the rising front becomes a drop front.

10

   The action of the lift lever is self-braking. In cases where the friction should cease when using heavy lenses, the friction pressure may be tightened by the screws shown on ill. 10 (right screw covered).
2. **Lateral shift** is effected by loosening the locking lever (2/ill. 9) and by pushing the lens standard to the right or left. Maximum lateral shift is 1 in. each way. Maximum and intermediate positions are locked by the same lever. This lens movement effects lateral shift of the composition to the left or to the right. The zero position is indicated by a red triangle mark and a ball catch in the foot of the standard. This lens movement is primarily used for the correction of a lateral camera position and the resulting distortion in perspective.
3. **Swivel through the vertical axis.** Turn the lever (3/ill. 9) in direction of the arrow. Now the lens standard can be swung 15° to each side. When the lever is returned, the lens standard locks automatically into zero position.
   This lens adjustment moves the zone of sharp focus in the direction of the swing (refer to Linhof Technique Data Sheets).
4. **Tilt through the horizontal axis.** First loosen the locking screw (4), then press the knurled locking knob (5) against the lens standard. Now the lens can be tilted 15° forward and backward through its horizontal axis in the nodal point. Maximum and intermediate adjustments are locked by tightening the locking screw (4). This lens adjustment moves the zone of sharp focus in direction of the tilt (refer to Linhof Technique Data Sheets).

11

The Universal Camera Back

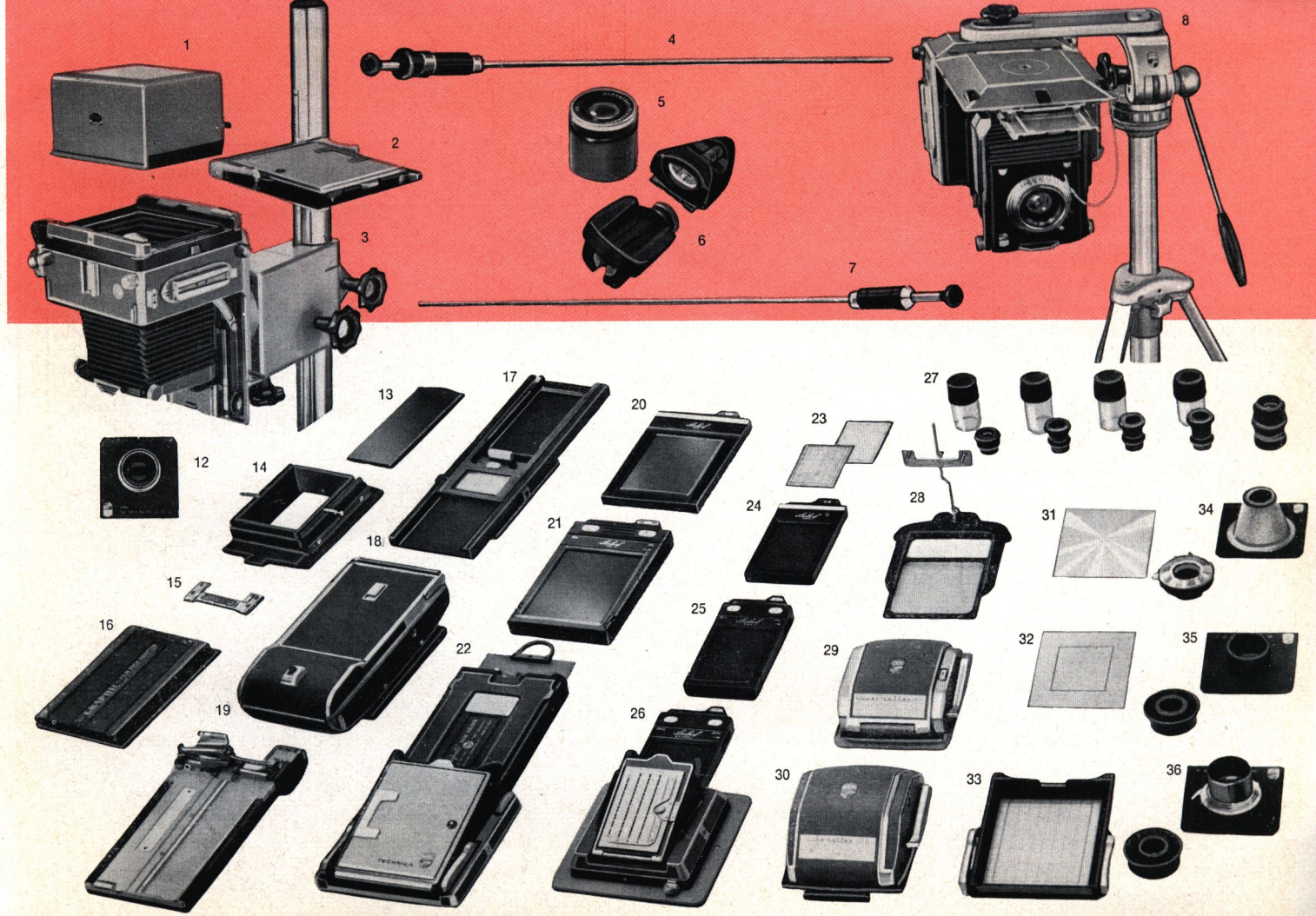
By means of the swing frame (page 2, 30) the camera back can be adjusted to the given requirements. The back movement primarily controls the perspective, but it may also be used to control the distribution and position of the zone of sharp focus. Detailed instructions for the use of swings and tilts are contained in the Linhof Technique Data Sheets.

Before using the swing frame the 4 captive locking screws (22) must be loosened. Then press inward the two spring tensioned locks (25) while pulling out the frame. The easiest and most convenient way is to push out the guide pins (39) from the inside of the camera body. (Refer to 14, ill. 11). When pushed away from the camera body far enough, the swing frame may be adjusted in all directions and locked in any position by tightening the four captive locking knobs (22). CAUTION: Before working with the multifocus rangefinder, the swing frame must be returned to zero position so that the spring tensioned locks click into place.

In addition, the detachable camera back is fitted with a revolving frame (31) for horizontal or vertical composition. It is provided with click stops in these two positions. The focusing hood snaps open after pushing the sliding button (42) against the center of the focusing hood cover. For critical focusing with the magnifier the closed focusing hood (26) may be swung back. By pulling on the grooved tap (41) the snap button is loosened. If necessary, the focusing hood frame may be removed entirely by pressing to the right and unhooking the spring tensioned hinge. (Open fold-away focusing hood frame first). A valuable accessory for determining the perfectly vertical position of the swing frame is the spirit level with ground glass adapter, (ZYW), which is simply attached to the snap button (40) of the focusing hood frame.

Accessories for Super Technika V 4x5

1. Cold Light Head (TKN)
2. Universal Back 4x5 in./9x12 cm (ZIV/ZIN)
3. Camera Carrier of the Linhof Universal Accessory Stand (TT)
4. Cable Release with T-lock (ZAVF)
5. Optical Magnifier, 8x (ZYL)
6. Spirit Level with Ground Glass Adapter (ZYW)
7. Cable Release without T-lock (ZAVO)
8. Outrigger Arm (RZC)
9. Camera Case (ZKLN)
10. Camera Shoulder Case (ZTKSN)
11. Condensor Enlarging Head 4x5 in./9x12 cm (TKV)
12. Schneider Componon Enlarging Lens (135 mm TOSK, 150 mm TOSF)
13. 6x13 cm Single Plate Holder for Police Adapter (ZTMP)
14. Ground Glass Focusing Attachment for Polaroid Land Camera Back (ZTPE)
15. Focus Compensator for Polaroid Land Camera Back (ZTPA)
16. Filmpack Adapter 4x5 in. (ZTGV)
17. Police Adapter for 3 exposures 4x6 cm (ZTP)
18. Polaroid Land Camera Back (ZTPB)
19. Polaroid Land Filmholder (ZTPK)
20. Linhof Super Cutfilm Holder 4x5 in. (ZTKV)
21. Linhof combined Double Plate and Cutfilm Holder 4x5 in. (ZDV)
22. Grafmatic Sheetfilm Holder 4x5 in. (ZTGM) with Universal Back 4x5 in. (ZIV)
23. Ground Glass 2¼x3¼ in. with cm-grid (ZMCS)
24. Linhof Super Cutfilm Holder 6.5x9 cm (ZTKS)
25. Linhof combined Double Cutfilm and Plate Holder 2¼x3¼ in. (ZDZ)
26. Ground Glass Spring Back 2¼x3¼ in. (ZIZ) with Reducing Frame 4x5 to 2¼x3¼ in. (ZFNS) and Linhof Double Holder 2¼x3¼ in.
27. Macro Lenses of 16, 25, 40, 63 and 100 mm focal length
28. Gelatine Filter Holder (FFN)
29. Super Rollex Holder 56x72 mm (ZRN) for 10 exposures on 120 rollfilm
30. Cine Rollex Holder 56x72 mm (ZRCN) for over 50 exposures on perforated 70 mm film
31. Kodak Ektalite Field Lens (ZMHN)
32. Ground Glass 4x5 with 56x72 mm format delineation (ZMFN)
33. Ground Glass Frame 4x5 in. with ground glass and cm-grid
34. Conical Macro Lensboard with Compur Shutter
35. Telescoping Microscope Adapter (TIN)
36. Microscope Adapter with Compur Shutter (TIN/TZW)
37. Telephoto Lens
38. Imagon Soft Focus Lens with 3 Soft Focus Grids, Grey Filter and Lens Shade
39. Process Lens
40. Anatomical Grip, left (ZGLN)
41. Anatomical Grip, right (ZGR)
42. Lens Shade / Filterholder with Slip-in Filter
43. Color Separation Filter Attachment (TCF)
44. Reducing Rings for Color Separation Filter Attachment
45. Slip-in Soft Focus Disk
46. Slip-in Filter for black-and-white and color
47. Extreme Wide Angle Lens (65 cm/f8 Super Angulon, OSCS)
48. Focusing Device for Extreme Wide Angle Lens (ZWSS)
49. Slip-on Format Masks for Multifocus Optical Finder (ZSUA)
50. Foam Rubber Eyepiece for Multifocus Optical Finder (ZSA)
51. Multifocus Optical Finder (ZSNM)
52. Masks for Frame Finder
53. Frame Finder with Peep-sight (ZSR)
54. Mask for Sports Finder (ZSS)
55. Sports Finder (ZSPN)
56. Color Compendium, adjustable (FKN)
57. Reducing Lensboard Adapter to use Technika 70 lenses on Super Technika V 4x5 (ZOTD)
58. Lensboard Adapter to use Super Technika III 4x5 lenses on Super Technika V 4x5 (ZONV)
59. Close-up Focal Frame Finder (ZYN)
60. Geared Focusing Slide and Stereo Head (RZA)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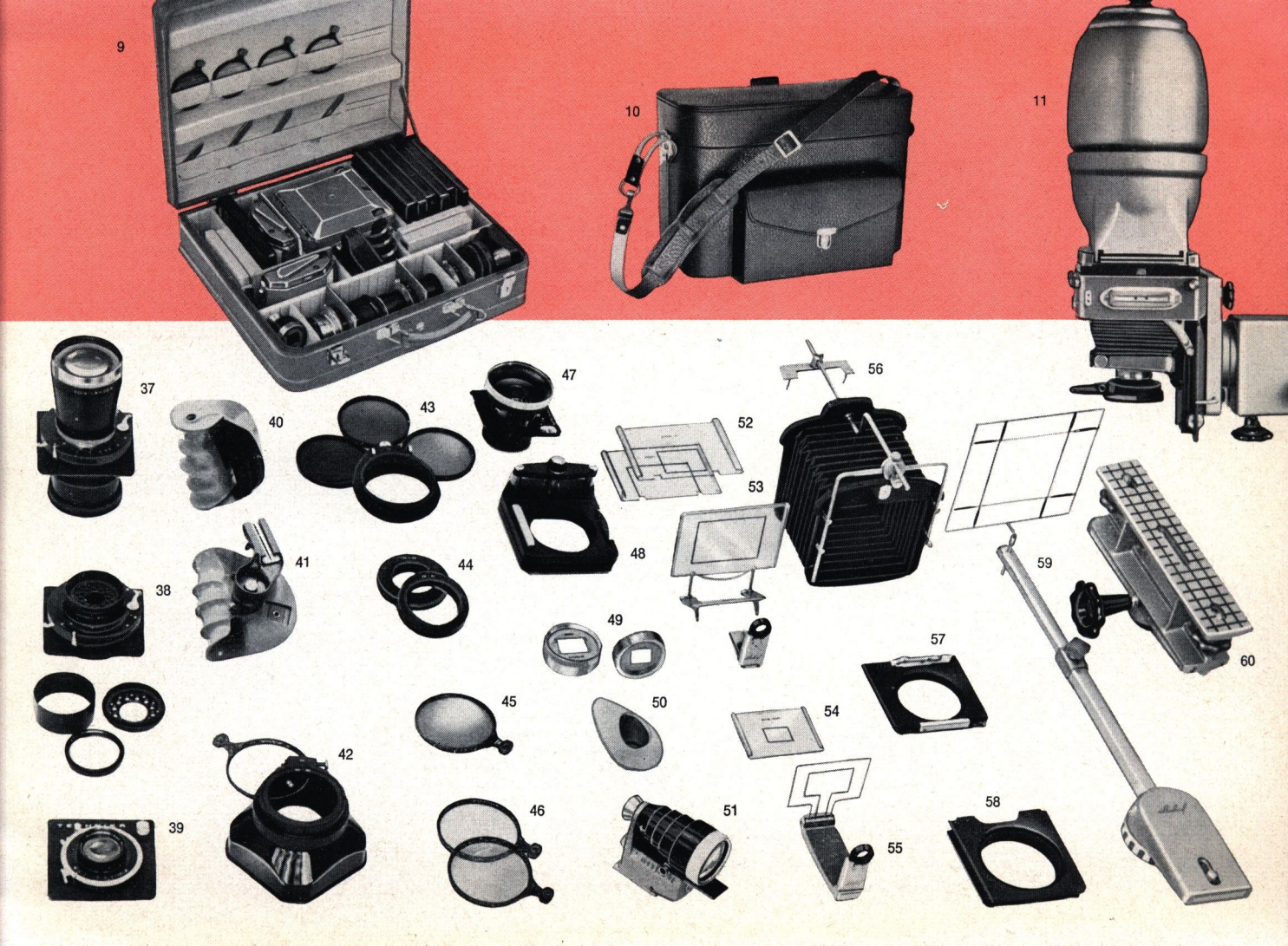
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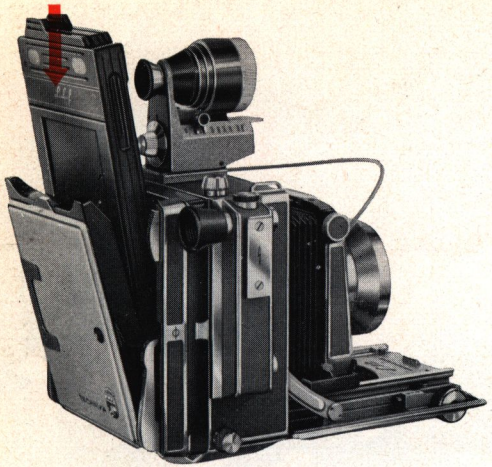

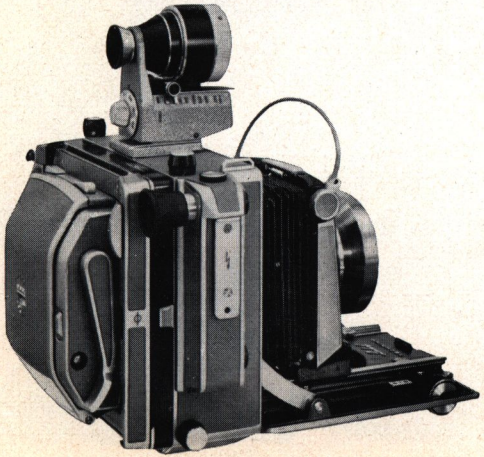

Negative Holders

While the Linhof double holders (page 17/21) are used for either plates or cutfilm, the Super cutfilm holder (page 17/20) is used exclusively with sheet film. Both types of holders are available either in 9x12 cm or 4x5 in. negative size. They are inserted between the ground glass frame and the revolving frame of the camera back until they positively engage in the groove on the small side of the back frame (see ill. above). When using the camera on a tripod, it is recommended to pull the spring-tensioned ground glass frame slightly away with the index finger, while pressing against the revolving frame with the thumb so that the cutfilm holder may be inserted smoothly. After the exposure is made the holder is removed from the camera by slightly pulling it backwards with the ground glass frame and slipping it out. Detailed operating instructions are enclosed with every holder. The Filmpack adapter 4x5 (page 17/16) and the Grafmatic sheet film holder for 6 sheet films 4x5 (page 17/22) are used in Linhof cameras in the same way as the double holders. To prevent light leak when using these two holders, they may be positively locked with the universal back by operating the two locking slides.

To attach the Super Rollex for 120 roll film (see ill. below), the Cine Rollex for 70 mm perforated film (page 17/30), the Police adapter (page 17/17) for three exposures 4x6 cm and the enlarging attachments (page 17 and 18/1 and 11), the ground glass frame must be removed by pressing down its two spring-tensioned retaining arms (page 5/35) while sliding up the frame. The various holders mentioned above are locked to the frame by pushing the two locking slides (page 5/36) in direction of the arrow. The Polaroid Land camera back (page 17/18), the film pack adapter 4x5 in. and the Grafmatic sheet film holder 4x5 in. are attached to the universal back. In the case of the Polaroid Land camera back the difference in the focal plane position must be considered. For that purpose a focus compensator for range finder focusing (page 17/15) and a special ground glass focusing attachment (page 17/14) for ground glass composition are available. The Polaroid Land film holder 4x5 in. (page 17/19) is used in the LINHOF universal back just like a standard cut film holder. For greater safety in operation, this holder should be locked by operating both locking slides. The dark slide of all holders, which are inserted in the spring back, may be clipped to the spring clip on the outside of the focusing hood cover (page 5/34).

For use of double holders in the reducing format 2¼x3¼ the standard 4x5 in. universal back is exchanged against a 2¼x3¼ in. ground glass back with reducing frame for double holders (page 17/26). To remove the universal back turn it to a diagonal position in relation to the camera (page 3/31) and move the four locking slides (page 5/38) to the outside to disengage the revolving frame. Attaching the reducing frame (ZFNS) with quick change back is done in the opposite manner. The reducing frame may be used either in connection with the standard ground glass back 2¼x3¼ in. or in connection with Super- respectively Cine Rollex backs of LINHOF 2¼x3¼ in. cameras. In this case, however, only **ground glass focusing** is possible because of the difference in the focal plane.

Top quality lenses of the leading German optical industry for Super Technika V 4x5 in. / 9x12 cm.

Lens name	Focal length	Speed	Shutter	
WIDE-ANGLE LENSES				
wide-angle Technikon *)	58 mm	1:5,6	MXVCROO	1/500
Technika Super-Angulon	65 mm	1:8	MXVCROO	1/500
Technika Biogon	75 mm	1:4,5	MXCRO	1/500
Technika Super-Angulon	75 mm	1:8	OMXV	1/500
Technika Super-Angulon	90 mm	1:8	OMXV	1/500
Technika Super-Angulon	121 mm	1:8	MXCRO	1/500
NORMAL LENSES				
Technika Xenar	127 mm	1:4,7	OMXV	1/500
Technika Planar	135 mm	1:3,5	MXCRI	1/400
Technika Xenotar	135 mm	1:3,5	MXCRI	1/400
Technika Symmar	135 mm	1:5,6	OMXV	1/500
Technika Xenotar	150 mm	1:2,8	EX-CII/5	1/200
Technika Apo-Lanthar	150 mm	1:4,5	MXCRI	1/400
Technika Symmar	150 mm	1:5,6	MXCRI	1/400
Technika Heliar	150 mm	1:4,5	MXCRI	1/400
Technika Xenar	150 mm	1:4,5	MXCRI	1/400

*) Covers only a negative format with 120 mm diagonal

Lens name	Focal length	Speed	Shutter	
LONG FOCUS NORMAL LENSES				
Technika Symmar	180 mm	1:5,6	MXCRI	1/400
Technika Apo-Lanthar	210 mm	1:4,5	EX-III/7	1/100
Technika Heliar	210 mm	1:4,5	EX-III/7	1/100
Technika Xenar	210 mm	1:4,5	EX-III/7	1/100
Technika Symmar	210 mm	1:5,6	MXCRI	1/400
Technika Heliar	240 mm	1:4,5	EX-IV/10	1/75
Technika Xenar	240 mm	1:4,5	EX-IV/10	1/75
Technika Symmar	240 mm	1:5,6	EX-CII/5	1/200
Technika Symmar	300 mm	1:5,6	EX-III/7	1/100
TELE PHOTO LENSES				
Technika Tele-Arton	240 mm	1:5,6	EX-CII/5	1/200
Technika Sonnar	250 mm	1:5,6	MXCRI	1/400
Technika Tele-Arton	270 mm	1:5,5	MXCRI	1/400
Technika Rotelar	270 mm	1:5,6	MXCRI	1/400
Technika Telomar	360 mm	1:5,5	EX-III/7	1/100
Technika Tele-Arton	360 mm	1:5,5	EX-III/7	1/100

For further lenses please refer to the price list.

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