



Linhof

PRECISION
CAMERA

TECHNIKA 6×9·2¼×3¼



The potentialities of Photography are infinite - its applications are virtually unlimited. It is logical, therefore, that designers have for years aimed at creating cameras of the greatest possible versatility and universality. Individual manufacturers followed different paths towards this goal, but the question of negative size was always an important consideration in planning.

If a renowned camera manufacturer like LINHOF has devoted his entire program to large negative sizes for nearly 65 years, there must be good reasons. The best proof for the soundness of LINHOF thinking and design is found in the success of the world-famous and proven 4×5" and 5×7" TECHNIKA cameras, the most modern and versatile professional cameras for all branches of Photography.

The newest creation in this field - the LINHOF SUPER TECHNIKA 23 - is a further advancement of the basic design; it embraces, in one instrument, a whole series of different specialized cameras.

While, in the past, specific cameras were often needed for the successful solution of many photographic problems, the LINHOF TECHNIKA 23 offers unlimited scope and flexibility.

With this camera you have complete mastery of every imaginable field of Photography: Press, Medical, Engineering, Architecture, Industrial, Scientific, Pictorial, in fact you will find that Photography in its entirety is at your fingertips.

The SUPER TECHNIKA 23 offers - a unique accomplishment - the first large scale view- and rangefinder for four different focal length lenses. Thus, a seemingly insurmountable obstacle has, at last, been overcome. Instant, effortless, and critical focusing and simultaneous viewing of all distances down to 3 feet has become a reality, and the viewfinder is immediately adaptable to various focal length lenses by means of a so-called "zoom" optical system.

A further decisive advance in design - available only in the SUPER TECHNIKA 23 - is the revolving Tri-Cam-Disk for three different lenses which permits instant rangefinder coupling for the selected lens.

In addition, the SUPER TECHNIKA 23 incorporates all the famous features of the TECHNIKA SYSTEM: Revolving and swinging back, triple extension bellows, multiple swings and tilts, instant interchange of a great variety of lenses.





The qualities which have always distinguished LINHOF products: functional design and finest craftsmanship - are, naturally, found in the SUPER TECHNIKA 23 to a degree never before realized. It is not surprising, therefore, that this new camera has been received enthusiastically by discriminating photographers everywhere. Too, it is evident to every LINHOF fan and to every expert that a perfect camera of this type could only be developed by a manufacturer who can imbue it with his tradition and his long experience in the making of the finest equipment.

Owners of the new SUPER TECHNIKA 23 may repose full confidence in their cameras with its background of proverbial LINHOF precision; the professional will discover a new ease and assurance in handling even the most difficult assignment, while the advanced amateur will appreciate the smooth operation of the SUPER TECHNIKA 23 under all conditions. Incidentally, the SUPER TECHNIKA 23 became the cause for the creation of a novel lens of highest quality and large aperture: The RODENSTOCK HELIGON which has gained an extraordinary reputation as a miniature camera lens. It is available for the SUPER TECHNIKA 23 with a focal length of 90 mm and a luminosity of f 2,8 and f 3,2. Extremely high corrected, the lens yields brilliantly sharp negatives even at full aperture. With a focal length of 90 mm, it offers exceptionally favourable depth of field conditions.

The new SCHNEIDER XENOTAR f 2,8/105 mm, a lens of modern design, mounted in the fully synchronized COMPUR shutter I with a max. speed of 1/400 sec. now also will be supplied with the SUPER TECHNIKA 23. The lens consists of five elements, and its components are made of a new-type optical glass with a high refraction index. Excellent definition, and even illumination over the entire field of the negative qualify this lens for colour photography. The precision range-finder of the SUPER TECHNIKA makes it possible to take full advantage of this fast lens in stage-, sports-, and press-photography.

Other famous lenses of established quality, made by SCHNEIDER KREUZNACH, VOIGTLÄNDER, and ZEISS OPTON, are, of course, frequently supplied with the SUPER TECHNIKA. With the Apo-Lanthar 4,5/105 mm, the Voigtländer optical works succeeded in making a lens which is especially corrected for the most critical colours of the spectrum. It is hard to say which lens is the best, for in most cases the purpose for which it is to be used, solely is decisive.

A table on page 31 gives full information about the normal, wide angle, and tele lenses with their respective shutters. The following pages will give a comprehensive picture of the SUPER TECHNIKA 23 to all interested readers, and make the owner of this camera conversant with the new LINHOF 23 system.



PRESS

INDUSTRY

ART

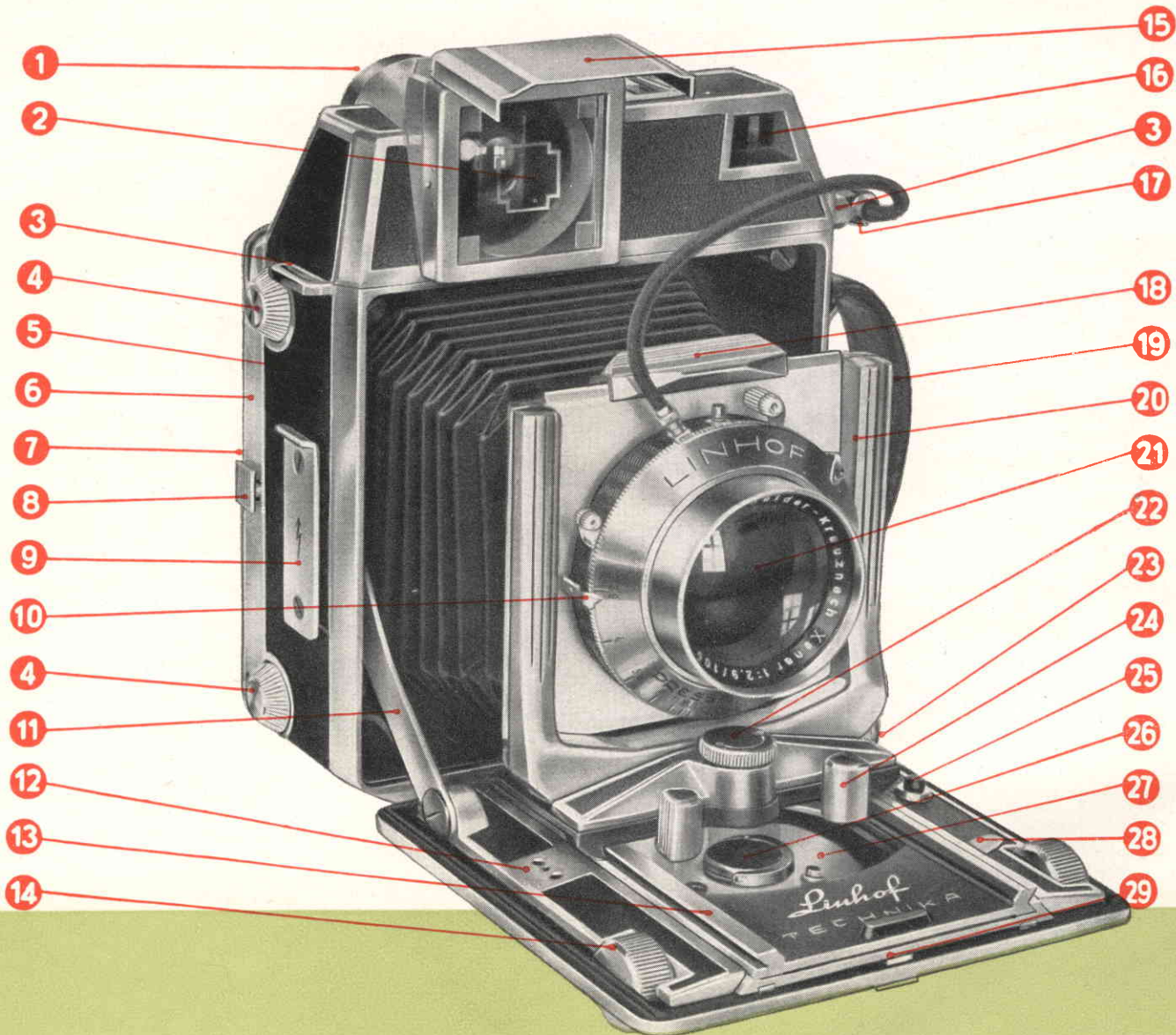
ARCHITECTURE

SPORTS

ADVERTISING

CRIMINOLOGY

- ① Finder Eyepiece with Parallax Compensation from ∞ to 3 feet.
- ② Combination Multifocus Rangefinder-Varifocus Viewfinder.
- ③ Eyelets for Neckstrap.
- ④ Lock Knobs for Swing Back.
- ⑤ Camera Body made of corrosion-proof light metal casting.
- ⑥ Swinging & Tilting Back. (10° angle of adjustment in all directions).
- ⑦ Revolving, detachable Back.
- ⑧ Automatic Catch Lock for Swing Back. (Assures proper back placement for rangefinder focusing).
- ⑨ Flash-Gun-Bracket.
- ⑩ Lens Diaphragm Setting Lever.
- ⑪ Spring-tensioned Bed Struts.
- ⑫ Cable Release Socket. (Body Shutter Release).
- ⑬ Upper Track.
- ⑭ Rack & Pinion Focusing Knob for Triple Extension Track.
- ⑮ Cover for Finder Lens. Serves also as Shade.
- ⑯ Rangefinder Window.
- ⑰ Cable Release Socket (Body Shutter Release).
- ⑱ Quick-change Lensboard Lock Bar.
- ⑲ Adjustable Leather Carrying Handle.
- ⑳ Lens Standard. Extra large U Frame.
- ㉑ Lens with fully synchronized Compur shutter (equipped with press-focusing-button).



- 22 Lens Standard Tilting Knob. Fixes standard in any position (0-15°).
- 23 Geared Rising Front, Adjusting Knob.
- 24 Spring-tensioned Pull-out-Grips. When released, lock, lens stand-ard in any track position.
- 25 Tri-Cam-Disk release - button.
- 26 Disk Locking Cap.
- 27 Tri-Cam-Disk, interchangeable, couples 3 lenses to Multifocus Rangefinder simultaneously.
- 28 Upper Track Lock.
- 29 Lower Track.

The above key numbers will frequently be referred to in the following text. We reserve the right to make changes in the construction or design of our products, consistent with the newest developments.

SPECIFICATIONS AND DIMENSIONS:

7½" (182 mm) high × 5¼" (135 mm) wide × 3½" (90 mm) deep.
Weight without lens 65 ozs (1800 g).

Bellows Extension: 12" (300 mm), Lensboard: 3×3¼" (75,5×82 mm)
Back: Revolves 360°; Tilts and swings to 10°. Pulls out: 1" (20 mm)
Front: Rises 2" (50 mm); Bed Drops 15°; Tilts back 0-15°.

Camera accepts original LINHOF double plate and cutfilm holders 6×9 cm and 2¼×3¼", as well as American standard double cutfilm holders, film-pack adapters, and Grafmatic Magazines. LINHOF rollfilm-holder ROLLEX for 120 films is interchangeable with regular camera back.

PORTRAITURE

FASHION

SCIENCE

PICTORIAL

MEDICINE

COPYING

MICRO-MACRO

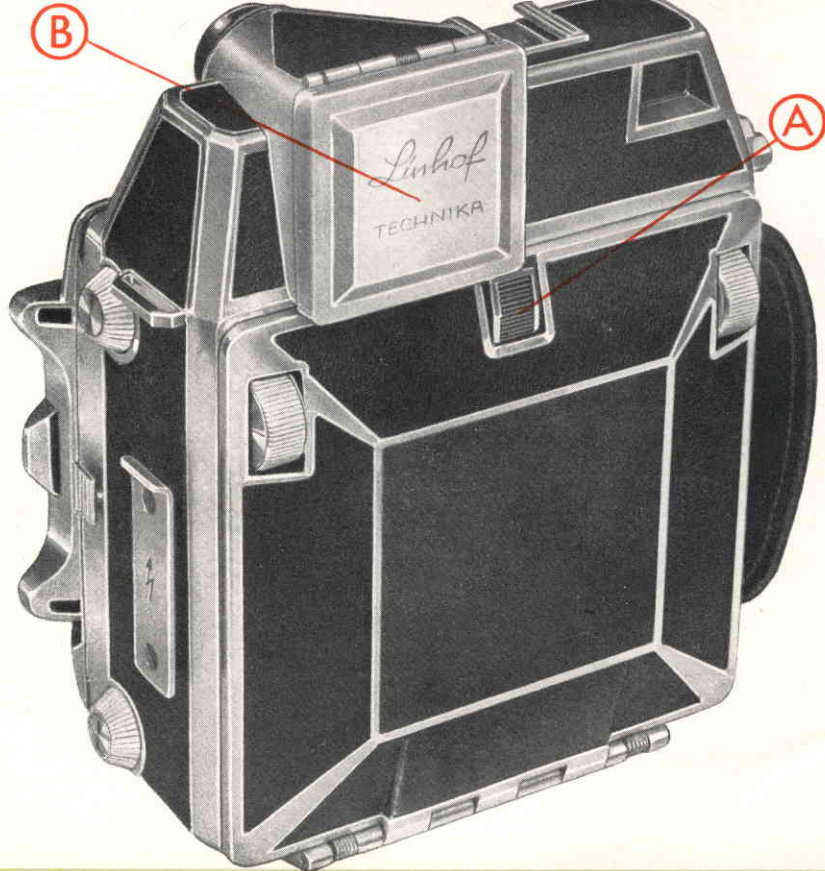
SUPER TECHNIKA 23

When closed, the camera is well protected against external influences and can safely be carried without case by its handle or with a neckstrap. The finder lens is protected by a cover serving also as shade. The rugged light metal camera body incorporates many new and outstanding technical features which are described in detail below.

How to open Camera:

Push catch (A) downward releasing bed and letting it down gently until the side struts (11) lock in the first notches. The finder cover (B) is then opened by a light pressure in middle of right side.

Lens Standard is pulled out by the two grips (24) and slid onto the track. The track has as many infinity stops as there are lenses coupled to the Multi Focus Rangefinder. See ill. page 11. The lens standard is pulled out until it "clicks" into the infinity position corresponding to the lens in use. (See coupling of lenses page 15; setting of rangefinder page 12.)



SUPER TECHNIKA 23

To remove Camera back

(see ill. page 14)

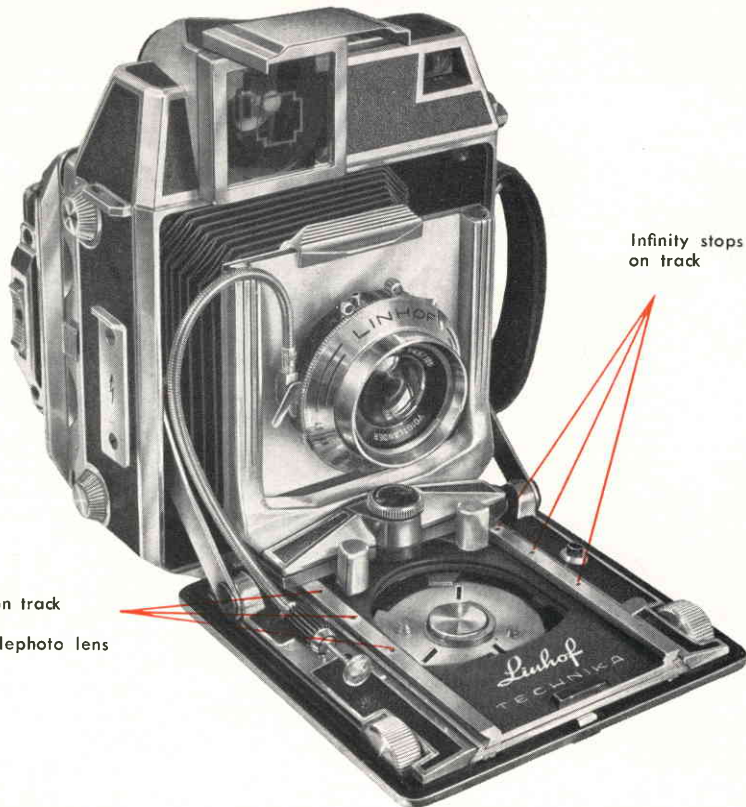
Rotate back 45 degrees, until the four black lock slides become visible. Push slides outward and lift off entire Back assembly.

Reverse procedure to attach.

The Back can be revolved and thus permits instant change from horizontal to vertical and vice versa. **Caution:** Before turning back eye-piece of Vari Focus Finder (1) must be pushed all the way in.

The new LINHOF double plate and cutfilm holders 6×9 cm or $2\frac{1}{4} \times 3\frac{1}{4}$ " , the American standard $2\frac{1}{4} \times 3\frac{1}{4}$ film holders, filmpack adapters, and the Grafmatic Magazine can be used in this camera back.

Be sure to push lens standard all the way into body before rotating Tri-Cam-Disk or before closing camera. The yellow dot behind the left pull-out-grip must be covered by the grip.



Infinity stops on track
for wideangle,
normal and telephoto lens

Infinity stops
on track



FINDER SYSTEM

Combination Multifocus Rangefinder

The Super Technika 23 is the first and only camera in which the construction problems of such a complex and long sought after finder have been ideally solved. Thus sighting, composing and focusing the picture is a simple, quick and accurate routine accomplished without having to remove the eye from the finder.

Varifocus Optical Finder,

the most prominent feature of the camera, has been especially designed to show a large and bright image. The field of various lenses is obtained by adjusting the length of the eyepiece tube.

For 65 mm wide angle lens: Push eyepiece all the way in. The entire area within the 65—105 mm mask applies. The mask is attached to the frame of the front window of the finder in either horizontal or vertical position (corresponding to the revolving back).

For 90 mm normal lens. Pull out eyepiece to engraved red line. Again field of mask applies.

For 105 mm normal lens: Pull out eyepiece all the way. Field as above.

For 180 mm telephoto lens: Eyepiece again all the way out. Field is outlined by silver lines in center of finder lens or by proper mask (180 mm).

Parallax adjustment with click stops is also incorporated in the eyepiece. The various distances appear when the ocular is pushed diagonally upward toward right.

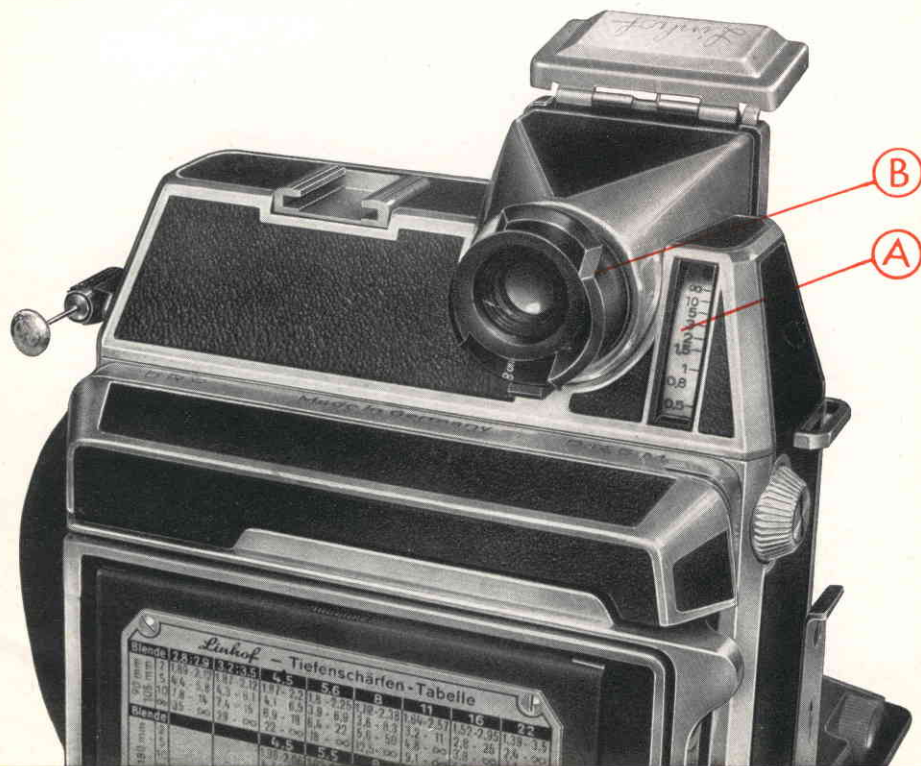
Mr. Maurice S. Althech, Athens/Greece:

I am one of the proud owners of a TECHNIKA outfit and I should like to congratulate you for this wonderful camera.



Mr. M. Tucker from African Consolidated Film Limited wrote on 17 March 1952:

We have just taken possession of three 6x9 LINHOF Cameras. May we compliment you on the first technical achievement as we are enraptured with the beauty and finish of this outfit which is the finest we have seen for some time.



FINDER SYSTEM

Hinged Cover, which serves also as shade, protects the finder lens.

The Multifocus Rangefinder

is of the coincidence type. In the center of the optical finder a light field can be seen within a darker frame. Through this field the object is focused on and when it forms a single image the lens is in perfect focus.

The accuracy of any rangefinder is determined by its optical base, the distance between the rangefinder windows. The Multifocus Rangefinder with its long base, is therefore extremely accurate. It allows precise focusing up to 2 feet with the normal and wide angle lens; thus making handheld close-ups possible.

Before using the rangefinder make sure that swing back is firmly locked against camera body and that lens standard is positioned in proper infinity stop.

Automatic Distance Scale:

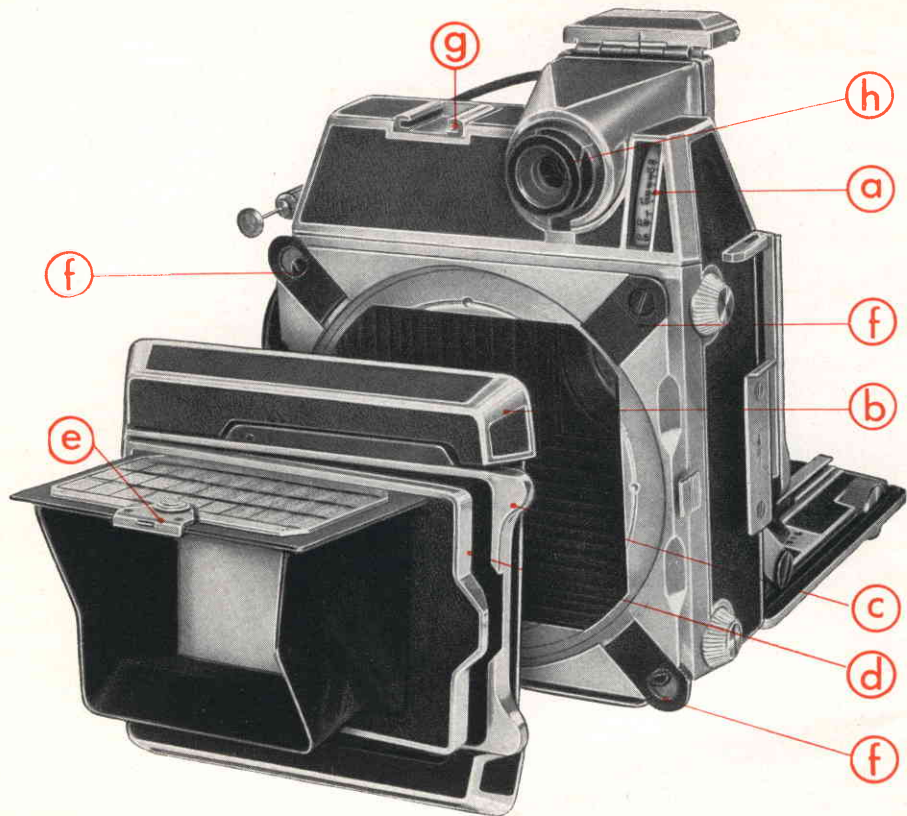
(calibrated in feet or meters)

Its pointer is actuated the rangefinder mechanism and is therefore completely automatic with all lenses. Because it is placed at the back of camera, near eyepiece, it can be observed without having to move camera. A further aid in fast and convenient picture shooting.

BACK OF CAMERA

- a) Distance Scale, automatically adjusts itself to all lenses coupled to the rangefinder.
- b) Revolving Back for horizontal and vertical pictures. Interchangeable with ROLLEX rollfilm holder.
- c) Groundglass Spring Back.
- d) Hinged Focusing Hood Frame, permitting use of magnifying glass for critical groundglass observation.
- e) Focusing Hood open.
- f) Lock Slides for Revolving Back.
- g) Accessory Shoe for flashgun, exposure meter or spirit level.
- h) Adjustable Finder Eyepiece with Parallax Adjustment.

When a film holder is inserted the groundglass frame recedes and holds the film in the focal plane by spring pressure. When the holder is withdrawn the groundglass frame automatically returns to its normal position.



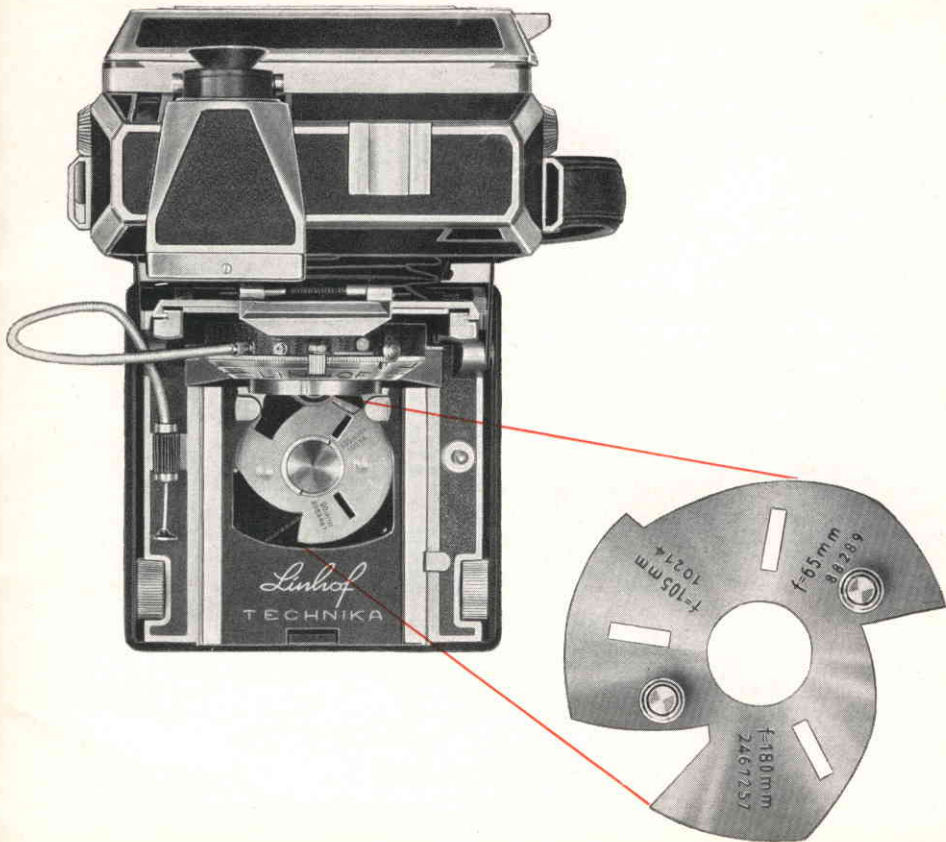
LENS COUPLING

How to Set Tri-Cam Disk

An entirely new exclusive design solves the problem of coupling many lenses to one rangefinder. The Tri-Cam Disk carries the focusing curves of three different lenses. By simply rotating the disk, the various lenses are coupled. Each lens is coupled with the rangefinder at the factory to assure absolute synchronization.

To change lenses proceed as follows:

1. Pull out lens standard, lift lens-board lock bar and remove lens. Before changing lenses with large rear elements it is advisable to raise the lens standard slightly.
2. Push lens standard all the way into Camera Body, so that rangefinder arm clears cam disk.
3. Loosen lock cap (26) by turning it several times in direction of the arrow.
4. Push button (25) which will lift Tri-Cam-Disk off its peg.
5. Disk can now easily be turned until the desired slot, marked with the lens to be used, is located over the peg.



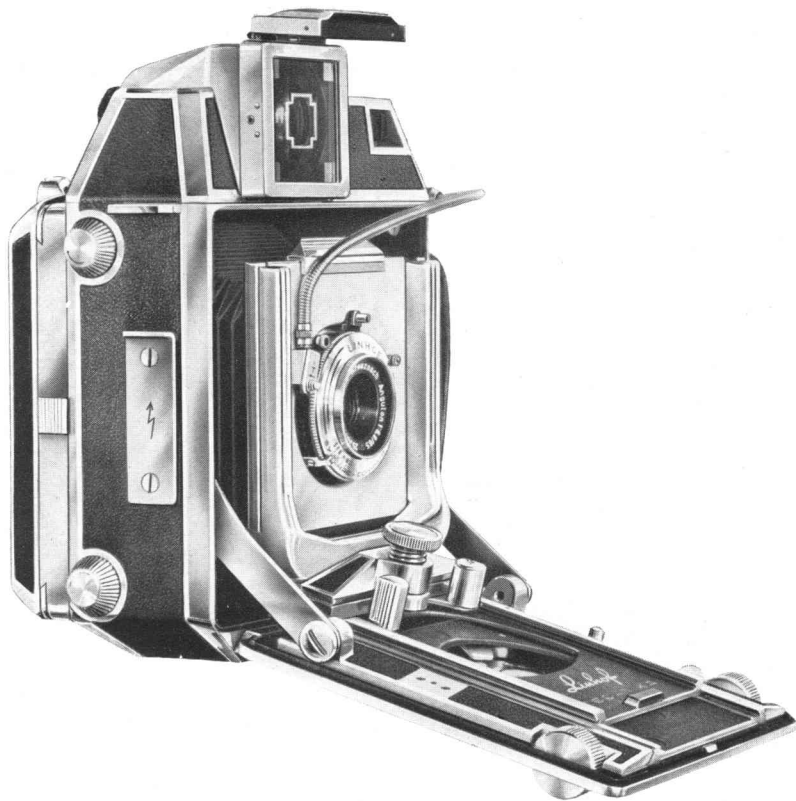
LENS COUPLING

To secure the cam disk turn the lock cap several times in clockwise direction and fold down hinged ring.

6. To remove disk entirely, in case it is to be replaced by another one, (if more than 3 lenses are coupled) rack track all the way out, unscrew lock cap and pull it off entirely.

Important: Each Tri-Cam-Disk is specifically plotted for the individual lenses and camera with whose numbers it is engraved. (Lens numbers are on top, camera number on bottom of disk). The disk will only work accurately with the rangefinder of its respective camera.





WIDE ANGLE

All focal length lenses from 65 mm wide angle to 180 mm telephoto which can be coupled to the Multi-focus Rangefinder are ideally suited for handheld shooting. The 65 mm Angulon with its angular field of about 80 degrees has the advantage of enormous depth of field which comes in handy for press photography and also for the amateur. For architectural work the wide angle lens is frequently a **must** because of the limited space available.

How to set up camera with wide angle lens

1. Place lens with lensboard into lens standard
2. Push lens standard all the way into body
3. Set Tri-Cam Disk for wide angle lens
4. Pull out Lens Standard until it clicks into black stop. (First stop)
5. Press down on bed struts until they engage in second notches.



TRIPLE EXTENSION

6. Tilt lens standard all the way back by turning knob (22)
7. Press down lock (28) and push back upper track, with lens standard on it, until it snaps into a secondary stop.
8. Wide angle lens is now coupled to the rangefinder.

To bring the camera back to normal position, reverse procedure.

The Super Technika 23 has all the essential features of the larger Technika models and, therefore, offers besides its advantages as hand and snapshot camera, the structural features of a studio or professional camera.

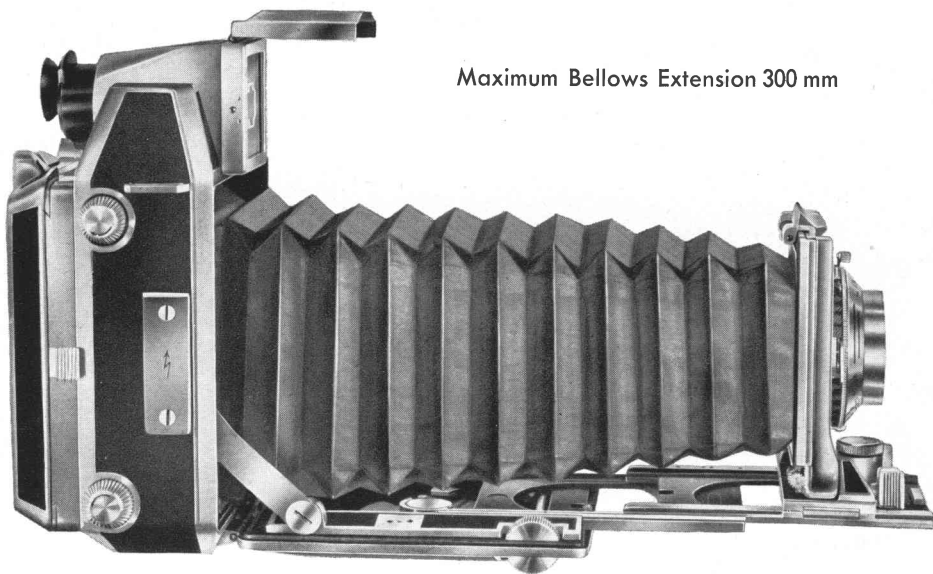
The following pages will give more details.

Triple Extension:

After holding down lock (28) the upper track can be pulled out to its maximum. By racking out the track assembly entirely, the full extension of 28 cm can be reached and if the swing back is moved backward it will total 30 cm (12 inches). This means telephoto lenses up to 270 mm can be used. (Groundglass focusing only). For Macro Photography the 65 mm Angulon permits magnification of $3\frac{1}{2}$ to 1.

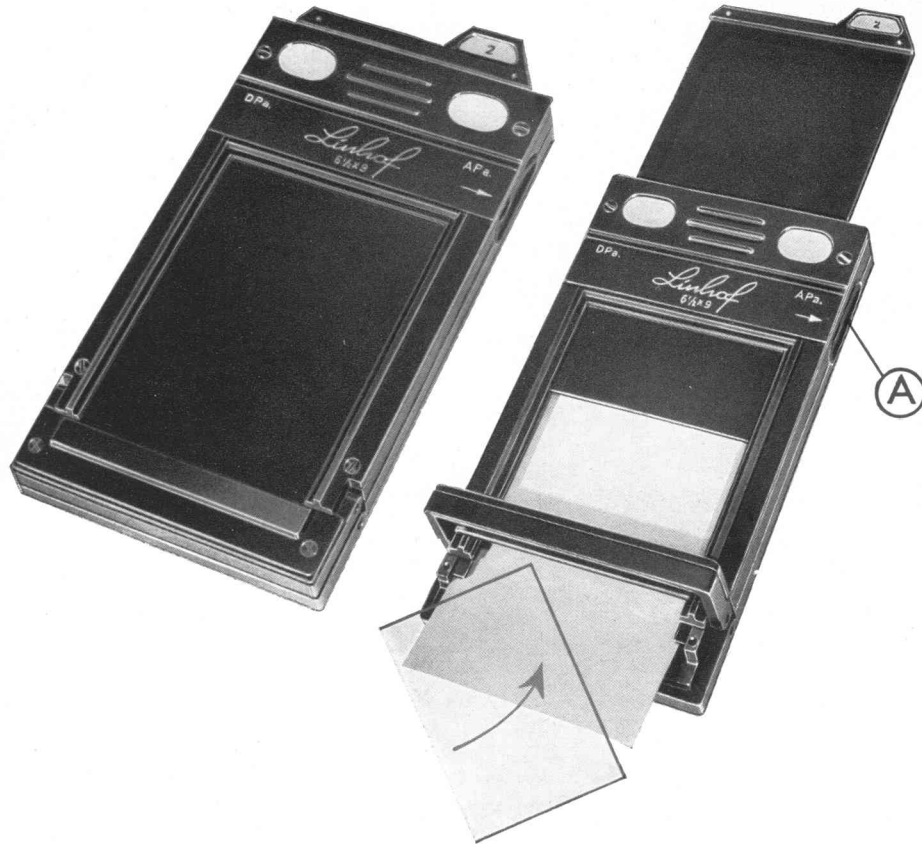
Writes Mr. Leonard T. Moore of Chicago/USA:

. . . . I take pleasure in reporting to you that I think the $2\frac{1}{4}\times 3\frac{1}{4}$ SUPER TECHNIKA LINHOF CAMERA which I recently purchased is the finest camera I have ever owned



Maximum Bellows Extension 300 mm





LINHOF DOUBLE HOLDERS

The Linhof Double Holder for plates and cutfilm is designed for **easy loading** in the darkroom. By means of a novel ejector the negative material can be removed with equal ease.

Because of its precision workmanship the Linhof Holder assures absolute flatness and accurate placement of the negative material in the focal plane. It also features memo tabs for noting film speeds etc. They are made in $2\frac{1}{4} \times 3\frac{1}{4}$ " and 6×9 cm sizes.

How to use Linhof Holders:

1. Pull up darkslide. The springtensioned hinged bottom part will open automatically.
2. Insert negative material (see illustration)
3. Hold down hinged bottom and insert darkslide all the way.
4. Follow same procedure for other half.
5. Ejector lever (A) cannot be moved in direction of arrow when loaded. Thus it is easy to check whether or not holders are loaded.
6. To remove: Pull out darkslide about 1 inch. Bottom snaps open. Push ejector in direction of arrow. This pushes film or plate out for easy withdrawal.



ROLLHOLDER

Loading the Rollex Holder

With Rollex flat side down, winding knob (a) facing you, open cover by releasing lock (f) in direction of arrow. Lift out film carriage (g) after having pulled film transport knob outward.

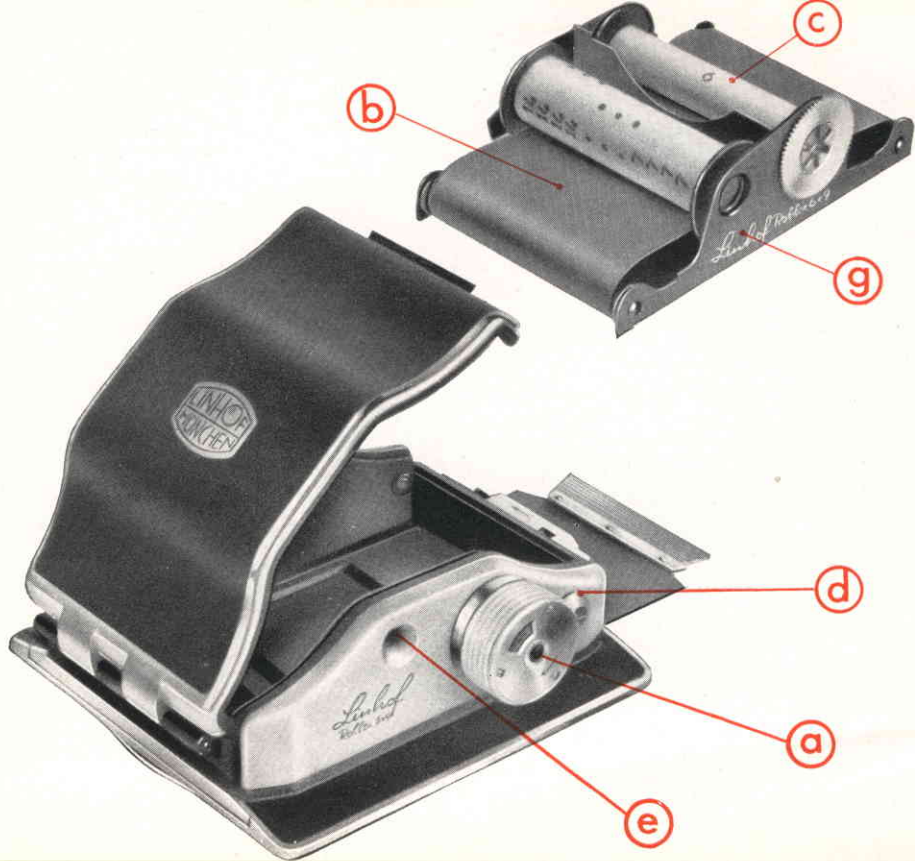
Make sure film counter window (e), shows "0". If it does not, turn film transport knob clockwise until it stops. Then push release-button (d) in direction of arrow, wind knob to next stop, release again etc. until you come to a stop and "0" appears in the window.

Insert empty film spool in right compartment and put new filmroll in left compartment. (Upper film spool nipples are on hinged plates to make insertion easy.)

Connect paper leader (b) around flat side of carriage past the roller to the take-up spool (c) black side outward. Thread leader first through long slit of take-up spool and then turn it around its own axis, rolling up the paper leader until a marker (*) appears in the film window of the carriage (located between the center partition and the take up pool and marked with a painted arrow.)

Now reinsert loaded carriage into the holder by again pulling out film transport knob and then placing it back into position so that it engages take-up spool. Close cover.

At this point film window shows still "0". Now push film release button and wind on. When the first exposure is in place the film will come to an automatic stop and 1 will appear in the film window.





ROLLHOLDER

After each exposure push release button and wind on film. After the last exposure continue winding till 0 appears in film window at which time exposed film can be taken out.

For rapid changing of films it is advisable to keep several extra loaded carriages handy. A new film is put into the holder by simply exchanging the carriages.

A film speed reminder is incorporated into the film transport knob and can be set by downward pressure on its black center.

Loading can also be done when the ROLLEX is attached to the camera. If the shutter is closed it is not necessary to insert the darkslide.

Attaching Rollex to camera is easy and takes but an instant. (See page 11, Interchangeable Back.)

The ROLLEX rollfilm holder is available in two sizes, either $2\frac{1}{4} \times 2\frac{1}{4}$ " or $2\frac{1}{4} \times 3\frac{1}{4}$ ". Both holders accept No. 120 rollfilms. The $2\frac{1}{4} \times 2\frac{1}{4}$ " model allows 12 exposures, the $2\frac{1}{4} \times 3\frac{1}{4}$ " model 8 exposures on one roll of film.

The ROLLEX holder features a semi automatic film counter, eliminating the necessity of watching a film window.

*) Kodak Film has this marker across the width of cover paper: | <—> |
It is located 10 inches from start.
Anso, Agfa, Gevaert and Perutz Film have these triangular markers: | < > |
They are located 9 inches from start.



WORKING WITH FILM HOLDERS

When individual exposures require quick and individual development, cutfilm or plates in Double Film Holders are the answer. The Linhof Holder is particularly recommended. Standard $2\frac{1}{4} \times 3\frac{1}{4}$ holders, film pack adapters and Grafmatic Magazine fit equally well.

Shooting with cutfilm holders is easy and speedy:

Cock shutter

Insert holder and withdraw dark slide in one motion

Expose

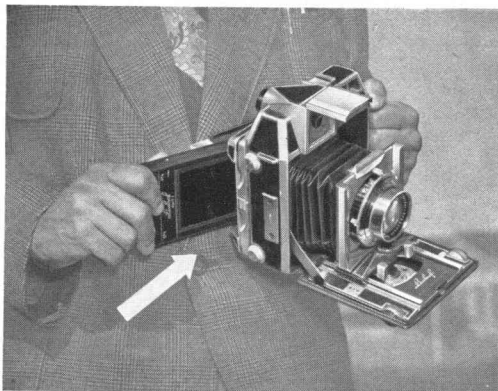
Inert reversed slide and withdraw holder in one motion

Reverse holder and withdraw slide

Cock shutter etc.

The handles of the dark slides of the Linhof holder are marked with numbers 1 or 2 on outside. After exposure when slides are reinserted, be sure to reverse them so that the number is toward inside. This will tell you at a glance that film is exposed, and prevent errors.

Similarly, American holders have darkslides on which the top is black on one side, Aluminium on the other. They also have fingermarkers which can be felt in the darkroom when loading. Here too, the black side should be outward for unexposed film and reversed after exposure.



These illustrations show the method of using film holders.

When inserting holder push it all the way in until its shoulder snaps into the groove of the back.

When withdrawing pull backward and outward simultaneously.

For taking vertical pictures the revolving back should be turned so that holders are inserted from



SHUTTERS

The lenses supplied with the Super Technika 23 are mounted in Compur Shutters. (See table page 31). These shutters have different features and characteristics, depending on their sizes.

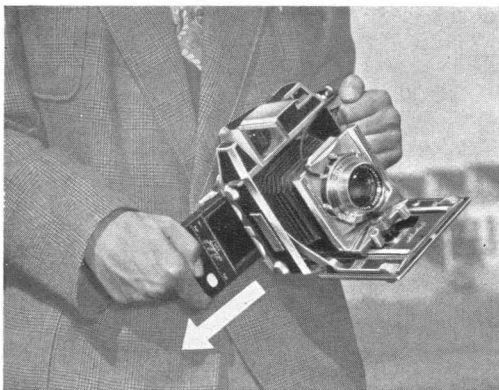
The **Compur 00** shutter (supplied with Angulon 65 mm) is fully synchronized (M & X), has delayed action (self-timer) and speeds from 1 sec. to 1/500. Also "B". Linhof has added a cable release socket which also incorporates a "T" lock.

The **Compur 0** shutter has been modified especially for the Linhof Super Technika. A "Press Focus Button" (blade arrester) has been installed to permit opening the shutter when set on an instantaneous speed, to facilitate groundglass focusing. Use this feature as follows: Cock shutter, push little button back while releasing shutter. The blades will now stay open. To close push little button forward.

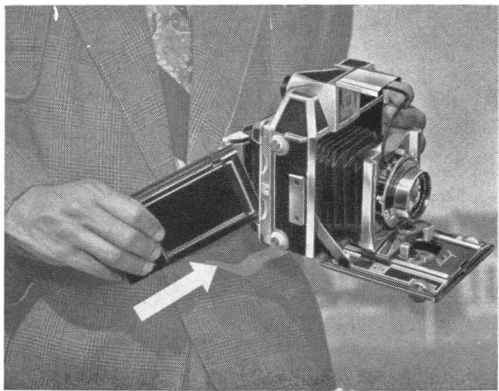
The fully synchronized **Compur I** shutter features a blade arrester in addition to delayed action (self-timer). The blade arrester, by simply pushing it down, opens the shutter at any speed setting. (Shutter has to be cocked)! By lifting this lever up again, the shutter blades will close. The max. speed of this shutter is 1/400 sec.

the bottom as this is the most convenient way and is a safety precaution which should be used with all revolving back cameras. (Because the light, be it the sun or studio light comes usually from the top, there is always a danger of slight fogging through the neck of the holders when slide is withdrawn. This can not happen when holder points downward)

3



4



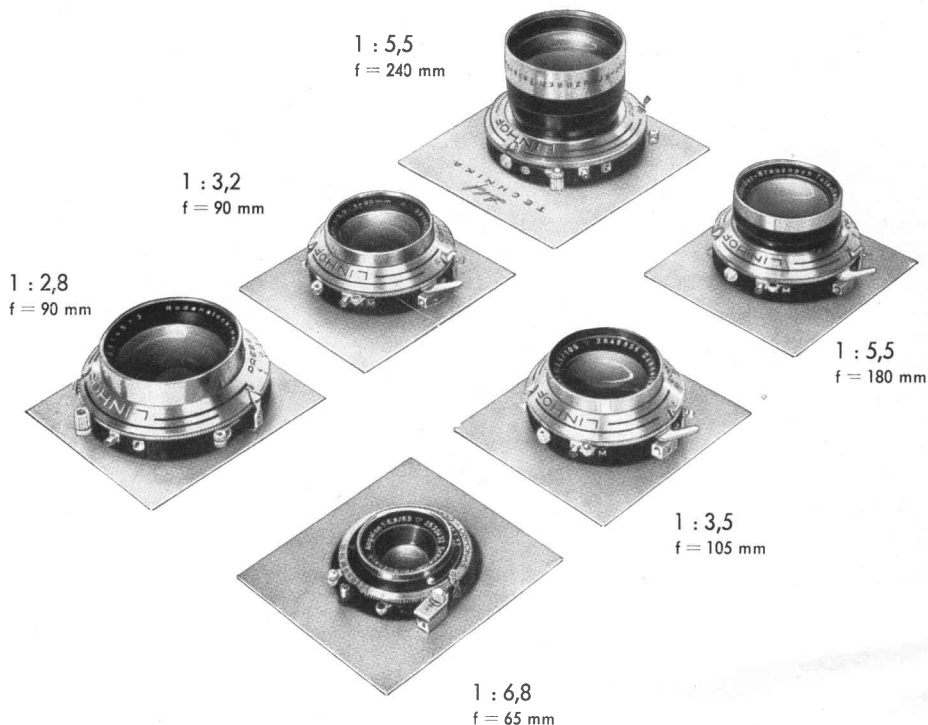
HIGHEST QUALITY LENSES

Only the best lenses in synchronized Compur shutters are supplied with the Super Technika 23. At present the lenses shown in illustration are available. Of course other lenses, too, can be used, if mounted in suitable shutters.

It is important to remember, however, that normal lenses with a focal length of more than 150 mm, and telephoto lenses beyond 180 mm focal length cannot be coupled to the rangefinder. They can, of course, be mounted for the camera and focused with the groundglass.

All lenses supplied with Technika cameras are of highest optical quality and thoroughly tested by their manufacturers before shipped to the Linhof Camera Works. In addition Linhof checks every lens before mounting it on the camera. Therefore lenses supplied with LINHOF cameras are the ultimate in quality and performance.

All lenses are supplied mounted on Linhof lensboards. To attach to

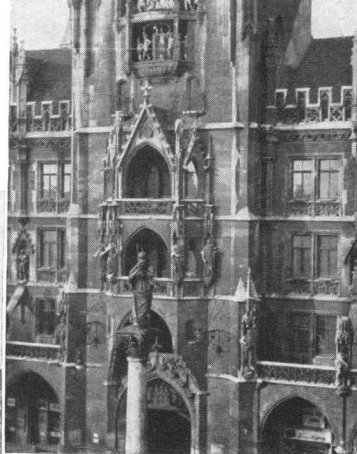




65 mm



105 mm



180 mm

INTERCHANGEABLE LENSES

camera it is only necessary to place the lensboard into the groove at the bottom of the lens standard and then to press it against lock bar (18) which will snap over it automatically. To remove raise lock bar and lift lensboard out.

With a set of matched lenses whose focal lengths have approximately a 1:2:3 relation the TECHNICA owner is always able to chose the best perspective for the subject matter at hand, and to utilize the negative area to its utmost.

All lenses, factory-supplied with LINHOF cameras are coated and ideally suited for colour photography.

We purposely list the 90 mm Angulon in addition to the 65 mm Angulon as the latter is of too short focus, to permit extreme use of rising front or tilts and swings. The 90 mm Angulon on the other hand covers a much larger negative area and thus is most suitable for such use.



CAMERA MOVEMENTS

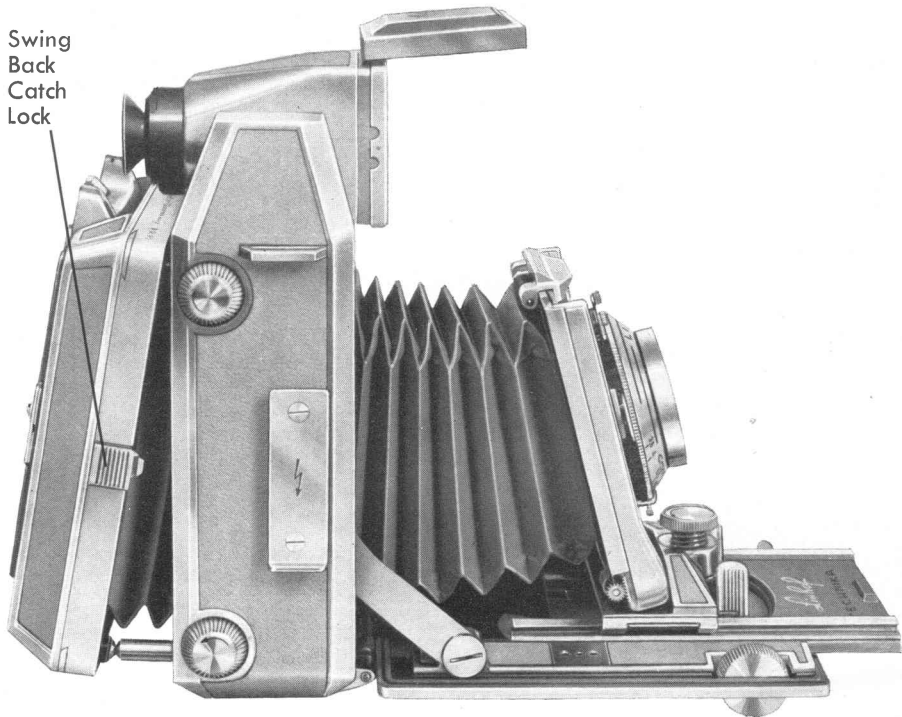
The name "TECHNIKA" implies that the famous construction features of larger Technika models have been retained in this camera, particularly the exclusive Technika Tilting and Swinging Back.

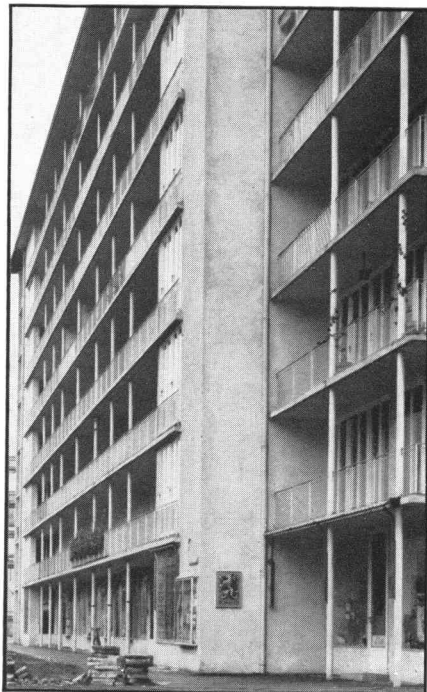
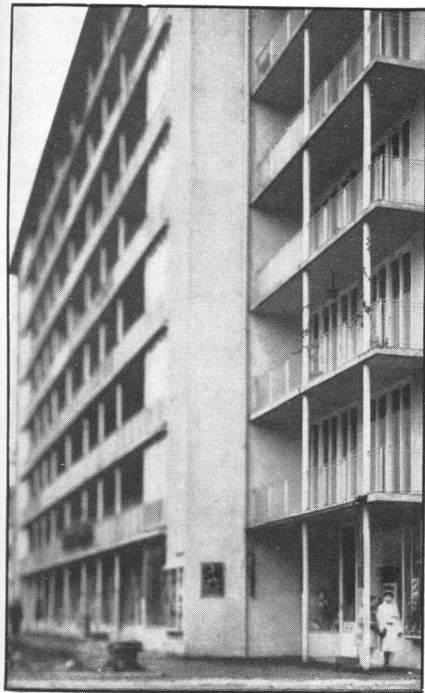
Normally the Back lies firmly against the camera body held by catch lock (8). By applying pressure against these catches simultaneously, the Back can be pulled out and tilted and / or swung in any direction up to an angle of 10 degrees. Of course the back movements are always used with the camera on a tripod and by consulting the groundglass. When the desired groundglass position has been found, the Back is locked by the 4 lock knobs (4) and the holder is then inserted.

The back tilts and swings permit complete distortion control and also can be used to increase the depth of field under certain conditions.

These adjustments are further facilitated by the backward tilt of the lens standard which is obtained by turning knob (22). As the lens stand-

Swing
Back
Catch
Lock





By swinging back in opposite direction to building angle sufficient depth of field can be obtained.

TILTS AND SWINGS

ard is under constant spring pressure it can be firmly fixed in any position to an angle of 15 degrees. The tilting of the standard is easier if it is pushed slightly with the finger as knob (22) is turned.

Applications:

Architectural pictures frequently cannot be taken from the optically correct camera position. The resulting distortion of perspective can only be compensated for by the corresponding tilt or swing of the camera back, as offered by the Super Technika 23. Long subjects, located at an oblique angle towards the camera, usually cannot be covered by the depth of field of a camera lens, even when stopped down completely. Again, by proper manipulation of the back movements the depth of field can be increased to the desired degree. (See illustration)

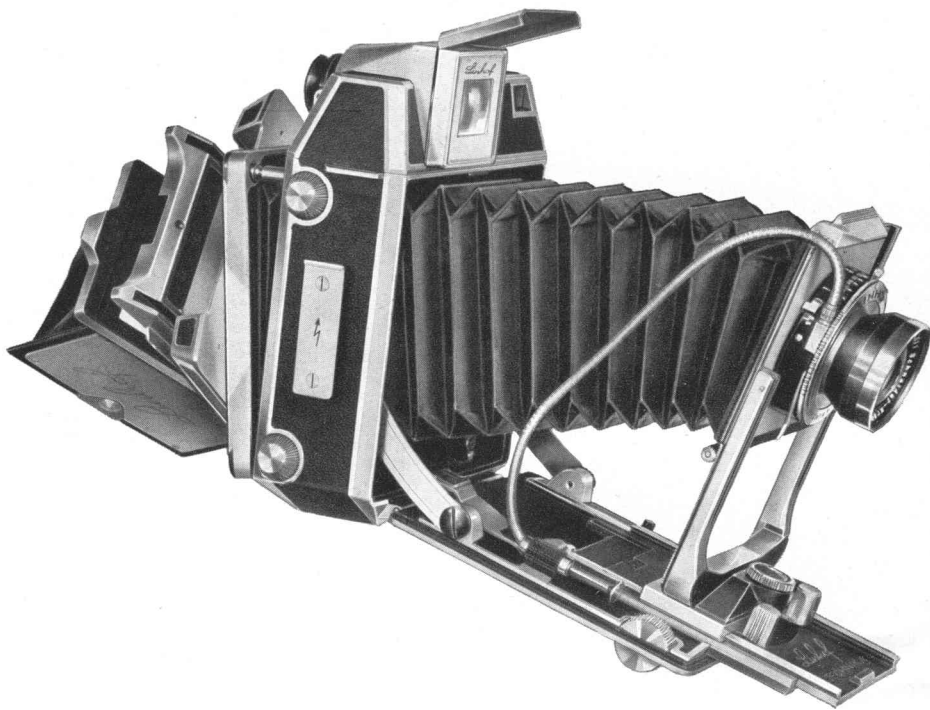


FRONT MOVEMENTS

In addition to the backward tilt the lens can also be raised 65 mm by means of the geared knob (23). This movement is frequently used in connection with back movements or by itself (photographing tall buildings). By dropping the bed and readjusting the standard accordingly a certain amount of drop can also be obtained.

If lateral movement of the lens standard is occasionally required the simplest method is to mount the camera on a Linhof Precision Ball-head and to turn the entire camera 90 degrees.

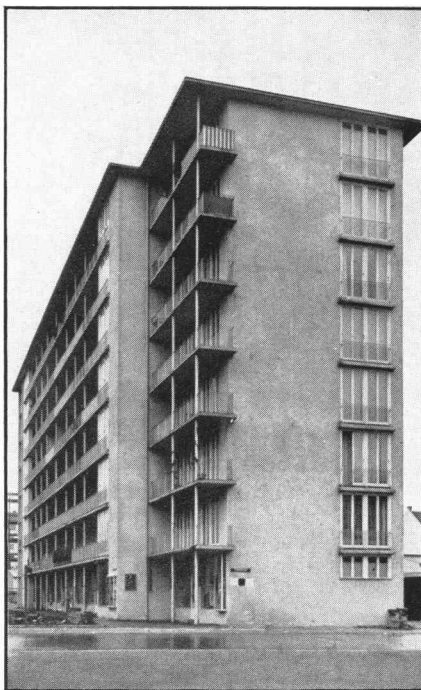
Not all lenses are equally suitable for utilizing camera movements. Thus the 65 mm Angulon if stopped down to $f/22$ permits a slight amount of movements. The 90 mm Angulon on the other hand can be used with hardly any stopping down. Since all manipulations are made by checking the groundglass image it is a simple matter to find out such limitations in actual practice.



MANY USES



Pictures with "normal" cameras, where lens and film plane are rigid, frequently look like this.



Camera movements of the Technika produce pictures like this.

With all the versatility built into the Super Technika 23, it is indeed a professional tool with which you can master the picture taking requirements of such difficult fields as commercial, industrial and architectural photography. It is also exceptionally suited for color photography where the relatively slow film emulsions mostly require large lens apertures and where the necessary depth of field conditions are obtainable only by using camera movements.

A few lines taken from a letter of a famous photographer who recently bought a new Super Technika 23 summarize its features eloquently. Writes he.: ". Of all the cameras I own or have owned, no one camera was capable of producing equally satisfactory results under diverse conditions. Photographers were compelled either to compromise or to use several different cameras for complete coverage of their given or chosen assignments. The variety of necessary equipment in turn imposed severe limitations on the photographer's mobility and on his ability to cover assignments in the field.

The new Super Technika 23 combines in one instrument the scope and versatility which I had always hoped for. Congratulations!"



FLASH

All types of flash equipment can be used with the SUPER TECHNICA 23. The illustration at right shows the camera with the original LINHOF capacitor flash gun mounted on the flash bracket of the camera by means of a special clamp, and the LINHOF capacitor extension flash unit, which is inserted in the accessory shoe on top the camera. The accessory shoe and the flash bracket (9) are standardized and accept other flash guns also.

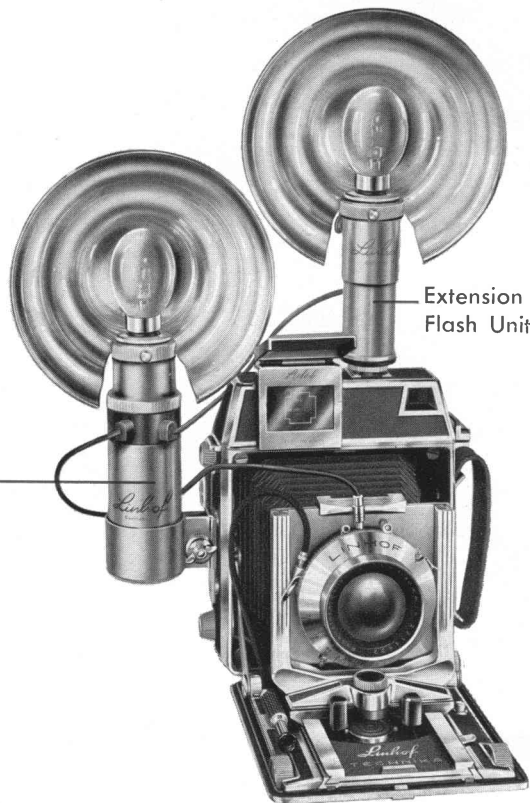
The fully synchronized (MX) Compur shutters permit complete synchronization with electronic flash or flashbulbs all speeds. For use with electronic flash the little lever on the side of the shutter is set to "X", for flashbulbs to "M". For complete details see shutter instructions, available separately and information furnished with all flashbulbs.

Flash photography is no longer confined to indoor or night use. Using it in connection with sunlight, in order to get details in shadow areas and to gain better lighting balance, particularly in color photography, is becoming more and more popular.

For more information about the LINHOF capacitor flash gun and the extension unit, a special leaflet is available.

LINHOF
Capacitor
Flash Gun

Extension
Flash Unit



LENSES AND SHUTTERS

This table presents the lenses available for the Super Technika 23 and their shutters:

Lens	Focal length	F/	Compu Shutter	Max. Speed	Synch.	∅
Schneider-Angulon	65 mm	1 : 6,8	COO	1/500	MX	32 mm
Schneider-Angulon	90 mm	1 : 6,8	COP	1/500	MX	42 mm
Schneider-Xenotar	105 mm	1 : 2,8	CI	1/400	MX	51 mm
Schneider-Xenar	105 mm	1 : 3,5	COP	1/500	MX	42 mm
Rodenstock Heligon	90 mm	1 : 2,8	CI	1/400	MX	51 mm
Rodenstock Heligon	90 mm	1 : 3,2	COP	1/500	MX	42 mm
Zeiss-Opton-Tessar	105 mm	1 : 3,5	COP	1/500	MX	42 mm
Voigtl. Color-Skopar	105 mm	1 : 3,5	COP	1/500	MX	42 mm
Voigtl. Apo-Lanthar	105 mm	1 : 4,5	COP	1/500	MX	42 mm
Schneider-Tele- Xenar	180 mm	1 : 5,5	COP	1/500	MX	42 mm
Schneider-Tele- Xenar*)	240 mm	1 : 5,5	-CI	1/400	MX	51 mm
Voigtl. Telomar	180 mm	1 : 5,5	COP	1/500	MX	42 mm
Voigtl. Telomar*)	240 mm	1 : 5,5	CI	1/400	MX	51 mm

*) cannot be coupled to the rangefinder of TECHNIKA 23, focusing on groundglass only.



Mr. S. Shaha, Calcutta/India:

A beautiful instrument of superb craftsmanship — the TECHNIKA has fulfilled the long felt need of serious photographers and in improvements has left almost nothing to be desired.

LINHOF LENS SHADE

Because the Super Technika is a universal camera there is little need for accessories. Just two items should be mentioned, however, because they make for better picture quality: The LINHOF Compendium-Lens-Shade, and the slip on Spirit Level. This spirit level is a very handy accessory for architectural, landscape, and panorama-photography.

All filters are supplied in special Linhof mounts with finger grips and can be inserted conveniently into the shade.

The price of the lensshade includes one filter. The following colors are available:

yellow 0	green I	red
yellow I	green II	blue
yellow II	orange	UV (Haze)

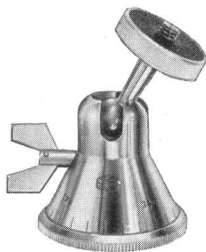
Polarisation filters, diffusion-disks

Other filters, particularly color correction filters, are available on special order.

TRIPODS

For indoor and outdoor picture taking with the Super Technika 23 we recommend particularly the well known Linhof Tripods, models I and II and also the REPORTER TRIPOD. The Linhof Precision Ballhead is particularly desirable with these. An entirely new tripod, the JUNIOR STUDIO TRIPOD will also find favor with many Linhof 23 owners. Precision made, it features geared center post, and its legs are locked in place by means of 3 struts, thus making it a very sturdy and firm unit. Maximum extension 6 feet. Lowest working height approx 20 inches.

Also new is the REPORT HEAD which allows easy adjustment of the camera, all motions controlled with one handle. Handle can be attached to either side of the head. Special Tripod Brochure is available on request.

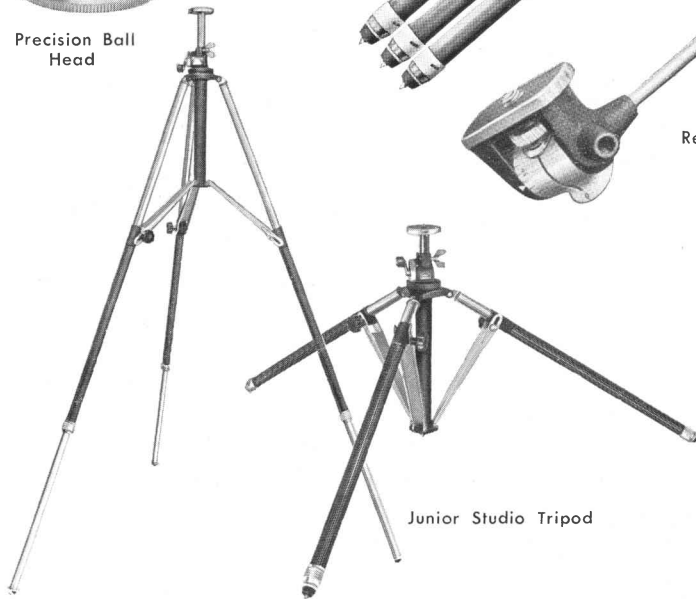
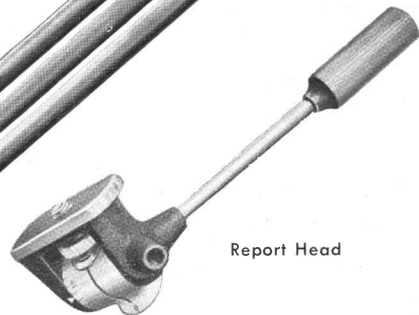


Precision Ball Head

Reporter Tripod



Report Head



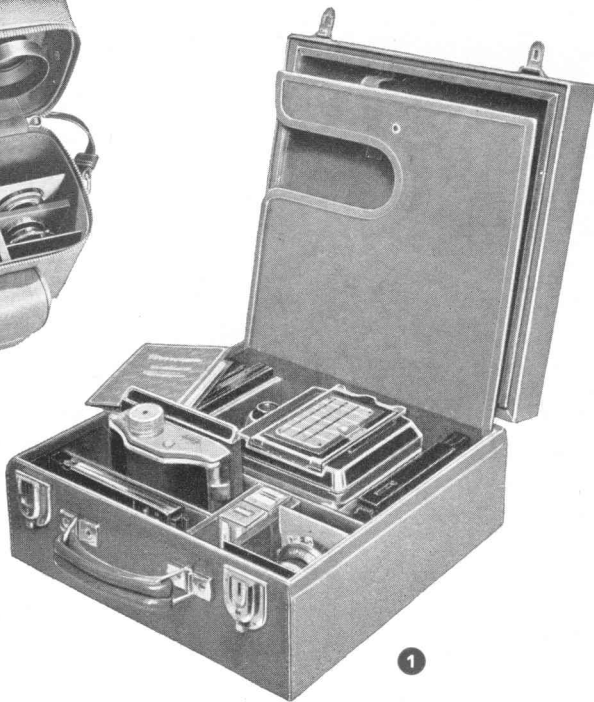
Junior Studio Tripod





2
Sports-
Bag

Combination Case
for Super Technika 23
and accessories.



The following cases are available for the Super Technika 23:

Combination Case, made of top grain cowhide, plush lined, with partitions as illustrated, chromium hardware, locks and shoulder strap.

It holds:

Camera with normal lens
Tele Xenar 180 or other lens
65 mm Angulon or other lens
Rollex Holder
4 double cutfilm holders
1 flashgun with reflector
Lens shade with filters
plus other accessories like exposure meter etc.

Leather Gadget Bag with zipper and shoulder strap which holds:

Camera with normal lens
Tele-Xenar 180 or other lens
65 mm Angulon or other lens
Rollex Holder
6 double holders and flashgun, or
10 double holders
Lens shade with filters
plus other small accessories.

Sports-Bag with zipper and shoulder strap, holds:

Camera with normal lens
and Rollex Holder (on camera)
Tele lens
Wideangle Lens
Lensshade with 3 Filters
plus small accessories

Linhof

TECHNIKA

2¼ × 3¼"

6 × 9 cm



PRÄZISIONS - KAMERA WERK