



Mamiya www.ianbfoto.com
**twin-lens reflex photography
with interchangeable lenses**



Manufactured by: Mamiya Camera Co., Ltd.
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It is easy to see why the twin-lens reflex enjoys its wide-spread popularity among serious photographers.

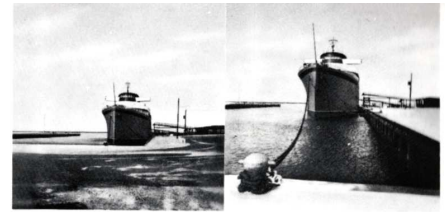
The relatively large picture format, the constantly bright focusing screen and ever-present viewing image give the user an ease of focusing and composition which seems to provide a positive sense of picture certainty.

To these basic advantages, Mamiya adds a new dimension of pictorial control through lens interchangeability. Being able to change image size, picture angle and perspective by simply changing lenses is as important to the working professional as it is to the serious hobbyist. Yet, among all twin-lens reflex cameras, only Mamiya offers this vital facility.

The pictures on the opposite page illustrate the creative flexibility you enjoy with a Mamiya TLR and its interchangeable lenses. In the seven pairs of photos shown, those on the left represent the use of different lenses to obtain changes in picture angle or image. All were taken from the same position, at the same distance from the subject.

How the same lenses can be used to change perspective is shown by the right-hand pictures. All were taken at a different subject distance.

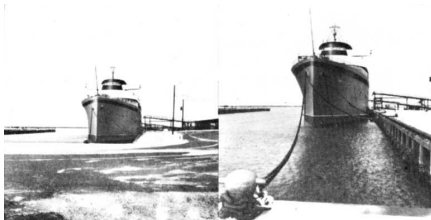
In each instance, the photographer moved closer or farther away to maintain the same relative position of foreground and background objects.



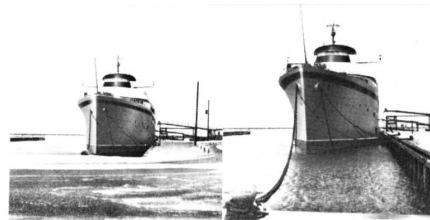
55 mm f 4. 5
(picture angle 70° 30')

Mamiya-the universal camera

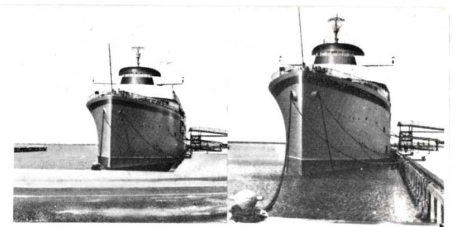
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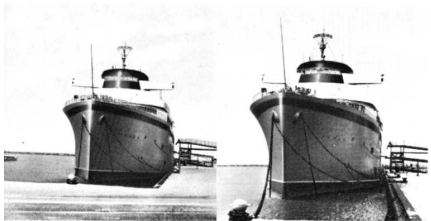
65 mm f 3. 5
(picture angle 63°)



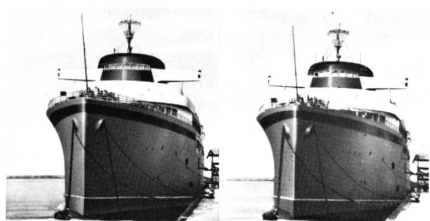
80 mm f 2. 8
(picture angle 50° 40')



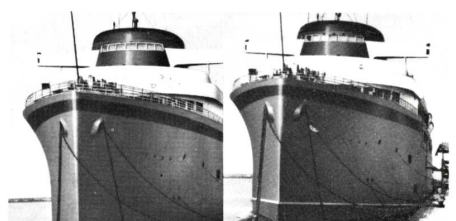
105 mm f 3. 5
(picture angle 41°)



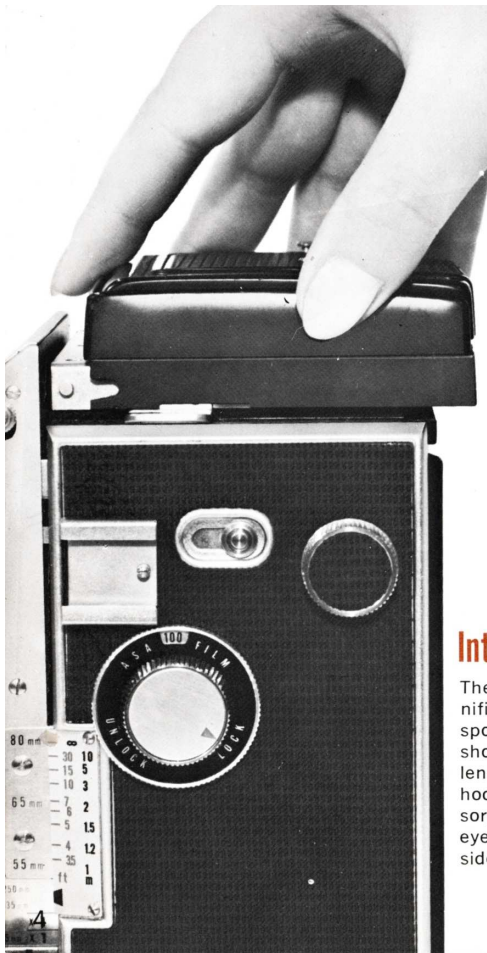
135 mm f 4. 5
(picture angle 33°)



180 mm f 4. 5
(picture angle 24° 30')



250 mm f 6. 3
(picture angle 18°)



Lens interchangeability

The lens in use is secured on the camera by a clamp bracket. Unlocking the bracket automatically interposes an internal, light-tight shield which prevents film from being fogged while lenses are being interchanged. Lenses can be switched in a matter of moments. Each consists of matched viewing and taking lenses, the latter in M-X synchro shutter with speeds from 1 second to 1/500th plus 'B'.

Interchangeable viewing hood

The self-erecting hood has a built-in magnifier and converts into an open-frame sportsfinder. Accessory sportsfinder masks, showing fields of wide angle and telephoto lenses, snap onto the finder frame. The hood interchanges with either the accessory Porroflex eyelevel finder or the prism eyelevel finder, which show the image right side up and unreversed.



Special features

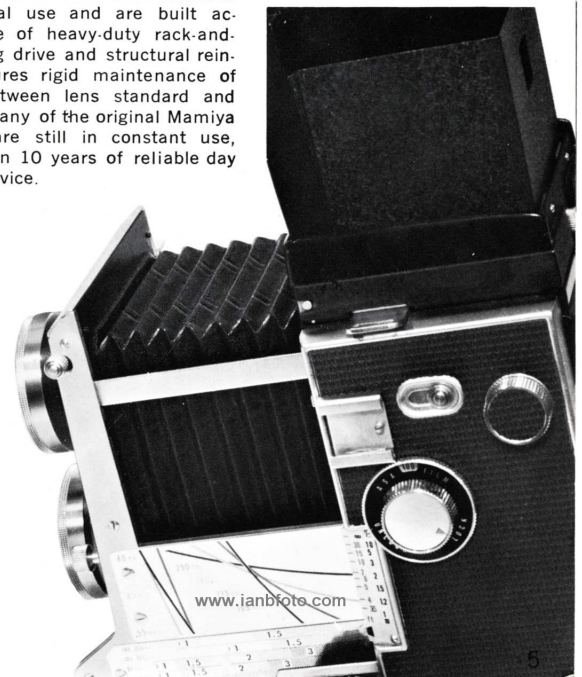
Rollfilm, sheet film and plates Rugged construction

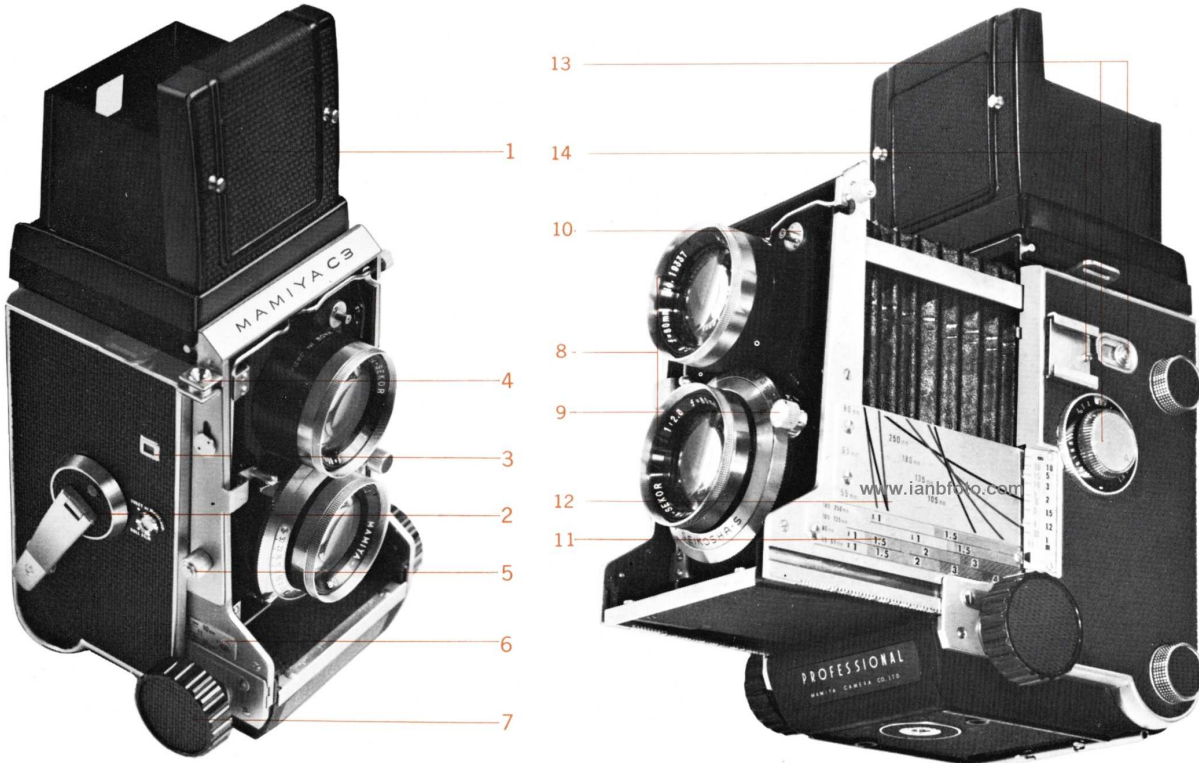
Standard 120 rollfilm back, giving 12 exposures, interchanges with accessory 220 rollfilm back providing 24 shots per roll. Attaching the 220 back automatically programs the camera counter for 24 exposures. There is also an accessory sheet film/plate adapter for single exposures using a variety of special emulsions.

Mamiya twin-lens cameras were intended for professional use and are built accordingly. Use of heavy-duty rack-and-pinion focusing drive and structural reinforcement insures rigid maintenance of parallelism between lens standard and film plane. Many of the original Mamiya TLR models are still in constant use, after more than 10 years of reliable day in/day out service.

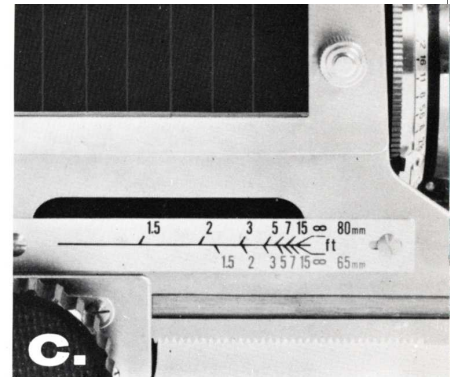
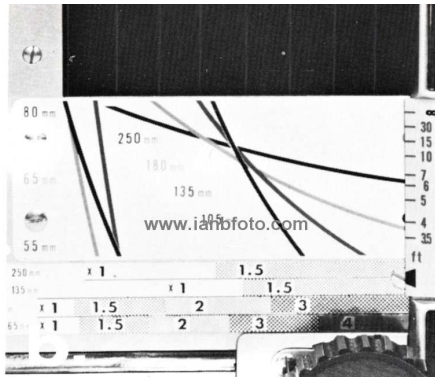
Closeup capabilities

Long focusing bellows of Mamiya TLR cameras permit closeups without special attachments - to 2 3/4" with 55mm lens. The accessory paramender provides full parallax correction for extreme closeups with tripod-mounted camera.





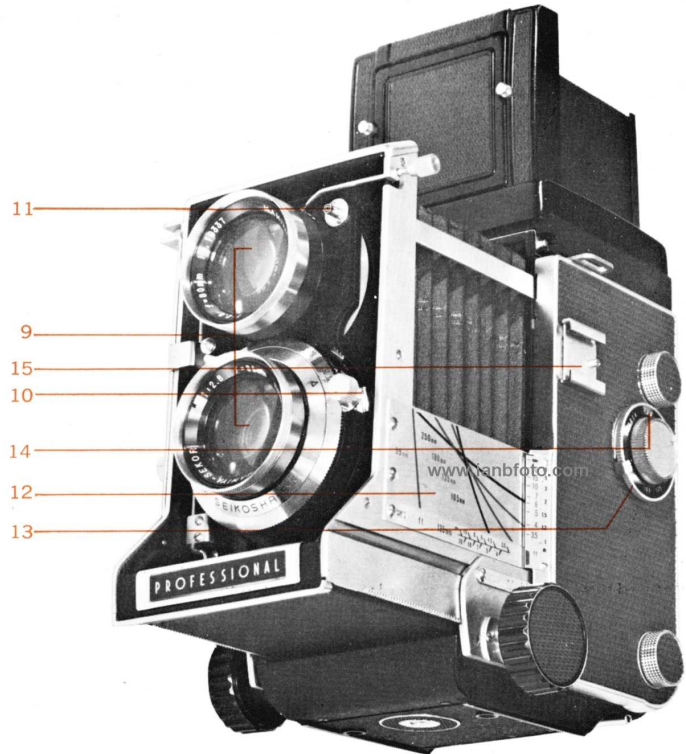
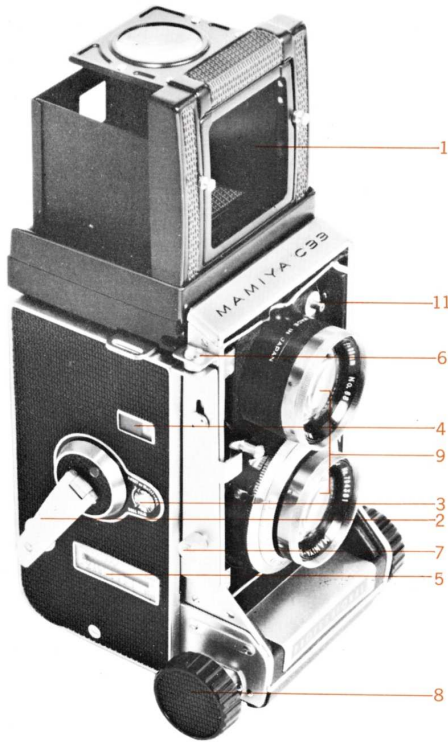
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Standard Mamiya C3

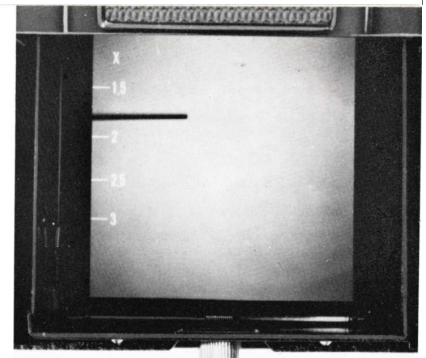
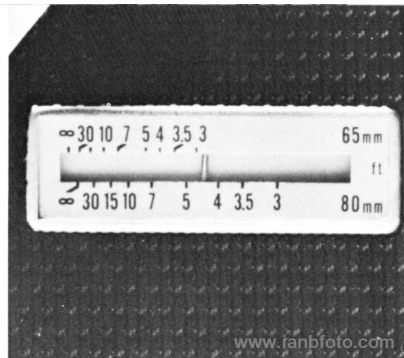
Most economical approach to twin-lens photography with interchangeable lenses. Offers all features and facilities described on preceding pages. Straightforward in design, a dependable workhorse in any picture situation.

- a. bright, Fresnel-type focusing-viewing screen has indicator lines for parallax correction.
- b. distance scales and closeup exposure increase guide for all lenses.
- c. expanded distance scales for 65 and 80 mm lenses.
1. removable focusing-viewing hood with magnifier and sportsfinder.
2. film-wind crank advances film and counter-stops automatically at each exposure.
3. auto-reset exposure counter for 120 film.
4. cable release socket.
5. body shutter release.
6. expanded distance scales for 55, 65, 80, 105, 180 and 250mm lenses.
7. focusing knobs.
8. matched finder and taking lens set.
9. M-X synchro shutter: 1 sec. to 1/500th plus B.
10. standard PC flash terminal.
11. exposure factor scale for 55, 65, 80, 105, 135, 180 and 250mm lenses.
12. scales for 55, 65, 80, 105, 135, 180, and 250mm lenses.
13. lens lock and safety control.
14. accessory shoe.



1. removable focusing-viewing hood with built-in magnifier (shown used as open-frame sports-finder)
2. rapid transport crank simultaneously advances film, cocks shutter and counts exposure
3. provision for intentional double exposures
4. auto-reset exposure counter for 120 and 220 film
5. expanded distance scales for 65 and 80mm lenses
6. cable release socket
7. body shutter release
8. focusing knobs
9. matched finder and taking lens set
10. M-X synchro shutter: 1 sec. to 1/500th plus "B"
11. standard PC flash terminal
12. distance scales for 55, 65, 80, 105, 135, 180, and 250mm lenses.
13. lens presetting dial for automatic parallax compensation
14. ASA film speed indicator
15. accessory shoe

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Automatic Mamiya C33

Starts with the basic features of the C3 and adds ingenious automatic facilities for extra handling ease and speed. Both cameras draw on the same battery of 7 high-quality lenses and the same complement of precision accessories.

Automatic film shutter crank

A single, rapid sweep advances the film, cocks the shutter and registers the exposure on the counter, simultaneously. The film can't be overwound. And there can be no accidental double exposures, though they can be made intentionally, whenever desired.

Improved distance scales

Many professionals often shoot "blind", with lens focus preset for the distance at which the action will take place. The C33 facilitates this with an independent, expanded, easy-to-read, easy-to-index distance scale system for the 65 and 80 mm lenses.

Automatic parallax compensation

Viewing errors when shooting closeups are all but impossible with the C33. As you focus the camera, a bar line moves automatically across the finder screen, showing the progressive change in picture area due to parallax. You cannot accidentally cut off part of the subject on the film. A control dial permits you to preset this compensation for the various lenses.

Automatic exposure factor indicator

The parallax-compensating bar line also indicates the correct exposure increase factors for closeup and copy photography. With the camera brought into focus, the bar line points to the exact exposure multiplication factor for the selected camera-subject distance.

Weddings

After shooting preliminary formals with the 105mm lens, the photographer will switch to the 55 or 65mm wide angle for coverage of ceremony, table groups and candid. Moving in and out quickly is no trick with the compact, fast-handling Mamiya TLR. The accessory 220 rollfilm back gives 24 continuous exposures, and semi-automatic loading speeds film changes. All lenses are mounted in M-X synchro shutters.



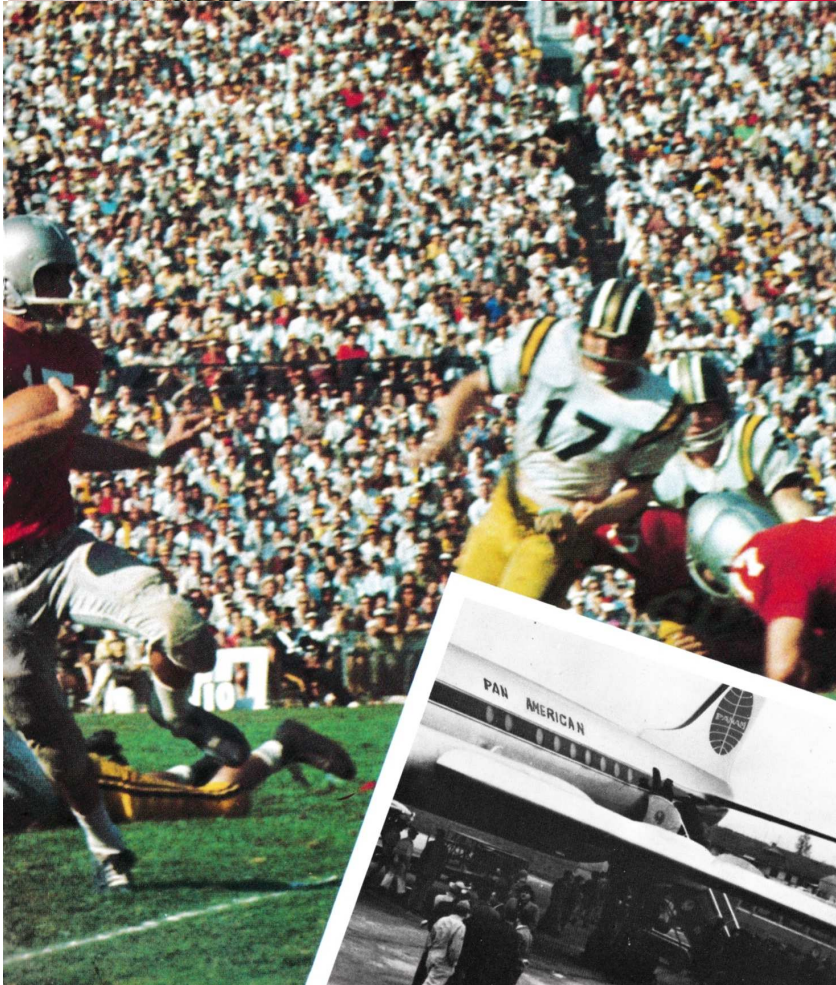
Portraiture

The Mamiya TLR has no peer as a portrait camera, whether tripod-mounted for formal sittings or handheld for candid shots. Use of the 135 or 180mm lens assures pleasing perspective and background separation while preventing distortion of features often produced by shorter lenses. No less important is the large image obtained with long-focus lenses at comfortable working distances.



Sports

Follow the action with the viewing hood folded into an open-frame sportsfinder, or switch to one of the accessory eyelevel finders. The accessory grip handle provides a secure, comfortable hold for eyelevel shooting. Use the 180 or 250mm telephoto to bring action up close; change to 80mm or 65mm lens for full-field coverage. Electronic flash can be used at all speed, with all lenses.



News

Mamiya TLR's have produced more than their share of award-winning news photos. More and more newspapers are switching to this rugged, reliable camera for all their work, color as well as b & w. One small feature important to them is the built-in, expanded distance scale system for 65 and 80mm lenses which facilitates "blind" shooting with the lens preset for the distance at which the action will occur. For even faster operation, there is an ingenious clip-on attachment which shows the focused distance from above, next to the viewing hood.

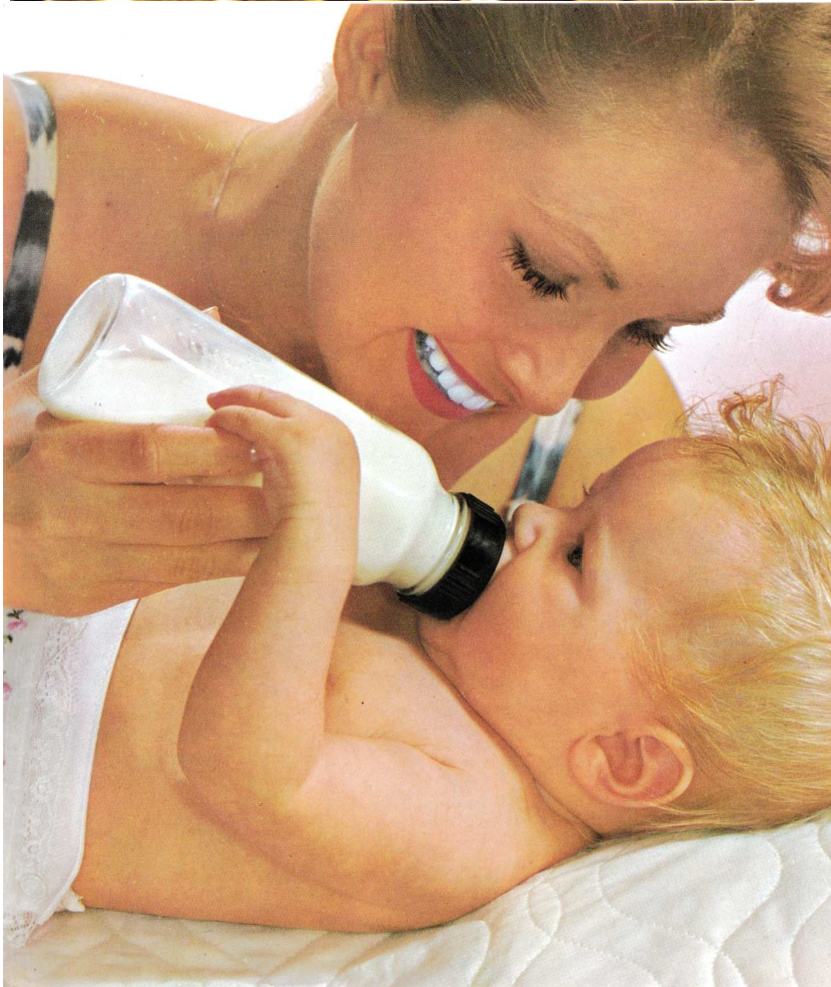


Commercial/Industrial/ Scientific

Fashion or product shots, interiors, architecture, laboratory specimen or processes — the Mamiya TLR handles them all with professional competence, in studio and on location. The accessory single-exposure back permits use of sheet film and plates, with many special emulsions available. Accurate parallax-free closeups of small objects or selected small areas are easy with the accessory Paramender. The 2¼" -square negative can be enlarged to any desired print size.

Law enforcement

Police and fire departments, as well as insurance companies and private investigators, rely on the versatile Mamiya TLR for critically sharp, fully detailed pictures. Entire camera outfit, including 3 extra lenses and many accessories fits into the sturdy compartment case, instantly ready for on-the-spot photography from extreme closeups to wide angle shots.



Pictorial photography

With 7 interchangeable lenses to choose from - 55mm wide angle to 250mm telephoto, the Mamiya photographer enjoys unlimited control of image size, picture angle and perspective. Mamiya lenses are famous for their capacity for delivering negatives and color shots of superb quality and definition.

Personal pictures

Unlike other professional cameras, the Mamiya twin-lens reflex offers all the convenience features and handling speed desired in a camera for personal use. Its precision and versatility allow the serious photographer complete freedom of creative expression, with confidence in the quality of his pictures.

Accessories

1. **GRIP HANDLE** has wrap-around leather strap for additional steadiness, security. Has built-in accessory shoe for flash unit or light meter.
 2. **PORROFLEX EYELEVEL FINDER** shows image rightside up and unreversed. Interchanges instantly with standard viewing hood.
 3. **PRISM EYELEVEL FINDER** assures you of candid shots in combination with the newly developed pistol grip.
 4. **WIDE ANGLE OPTICAL SPORTSFINDER ADAPTER** gives field of view for 65 mm lens, attaches to sportsfinder frame on viewing hood.
 5. **SPORTSFINDER MASKS** snap onto sportsfinder frame on viewing hood. For 105, 135, 180 and 250 mm lenses.
 6. **220 ROLL FILM BACK** replaces standard 120 back to permit use of 220 film. Automatically programs exposure counter for 24 exposures.
 7. **ADAPTER FOR SHEET FILM/PLATE HOLDERS** replaces 120 back, permits single shots with wide choice of standard or special emulsions. Supplied with 3 holders for $2\frac{1}{4} \times 3\frac{1}{4}$, $2\frac{1}{2} \times 3\frac{1}{2}$ and 6.5×9 cm sheet film.
 8. **PARAMENDER, PARALLAX CORRECTOR** provides precise, automatic parallax correction for extreme closeups with tripod-mounted camera.
 9. **OPTICAL GLASS FILTERS** are coated, optically flat. Full range for color and black & white films, in sizes to fit all Mamiya lenses.
 10. **LENS HOODS** are slip-on type with set-screw, available for all lenses.
 11. **CLIP-ON DISTANCE SCALE** facilitates fast shooting with camera prefocused. Shows subject distance in large, clear numerals next to viewing screen. Operates to within $3\frac{1}{2}$ feet.
 12. **LEATHER EVEREADY CAMERA CASES** have hinge-drop fronts.
 13. **LEATHER LENS CASES** hold lens with caps, finder masks.
 14. **PRO-COMPARTMENT CASE** holds camera with grip and Porrofinder attached. Compartments for 3 additional lens sets, compact flash unit, many accessories. Made of black leather, shoulder strap included.
- PISTOL GRIP** is also available for eyelevel snap shots.

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