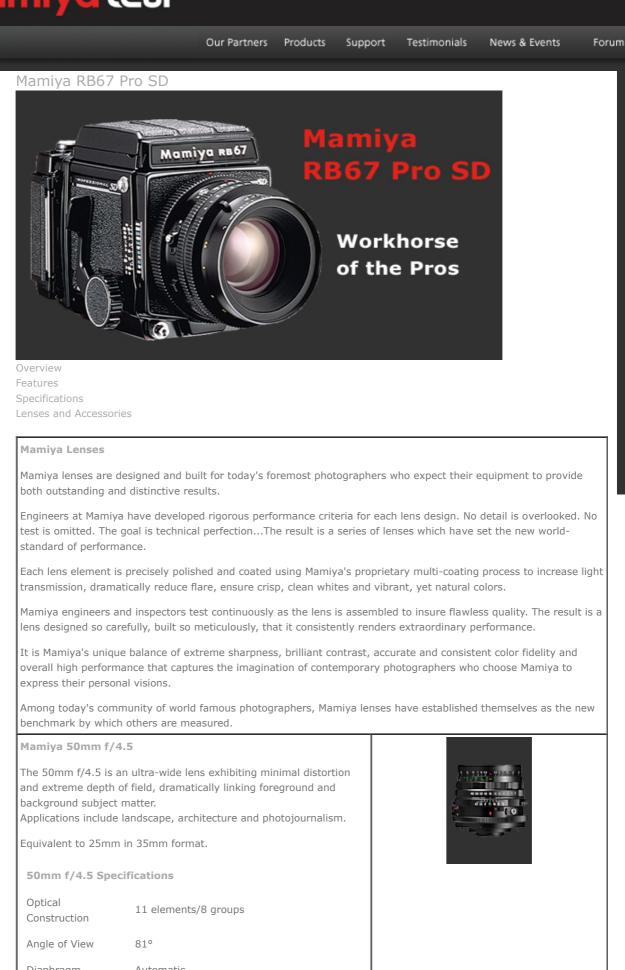
# Mamiya leaf



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Diaphragm Automatic

Minimum Aperture 32

Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	25mm
Minimum Focusing Distance	11" / 279mm
Magnification	0.88x
Area Covered	2.5 x 3.1" / 63 x 79mm
Filter Size	77mm
Lens Hood	Slip-on
Dimensions (L x W)	2.9 x 3.7" / 73 x 94mm
Weight	1 lb. 12 oz. / 780 g.

#### 65mm f/4

The 65mm f/4 is a wide angle lens with a 68° angle of view. It is the most popular wide angle focal length in 6x7cm format. It renders natural perspective with increased depth of field and angular coverage and provides the least amount of distortion, among the wide angle range, for subjects at the edges of the frame. It incorporates an adjustable floating element system for correction of edge sharpness and distortion, especially at wide open apertures and close distances.

Applications include group portraits, wedding photography, and general purpose wide angle photography.

Equivalent to 32mm in 35mm format.

65mm f/4 Specifications

Optical Construction	9 elements/8 groups
Angle of View	68°
Diaphragm	Automatic
Minimum Aperture	32
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	32mm
Minimum Focusing Distance	1′ 1.7" / 348mm
Magnification	0.7x
Area Covered	3.2 x 3.9" / 80 x 100mm
Filter Size	77mm
Lens Hood	Slip-on
Dimensions (L $\times$ W)	4.2 x 3.8" / 106 x 97.2mm
Weight	2 lbs. 6 oz. / 1,070 g.



75mm f/4.5

The 75mm f/4.5 features an adjustable floating element system for correction of edge sharpness and distortion, especially at wide open apertures and close distances. Applications include precise perspective for architectural or industrial rendering or table top photography.		
Equivalent to 37mm in 35mm format.		
75mm f/4.5 Specifications		
Optical Construction	9 elements/7 groups	
Angle of View	61°	
Diaphragm	Automatic	
Minimum Aperture	32	
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)	
Equivalent Focal Length for 35mm	37mm	
Minimum Focusing Distance	1′ 2.9" / 379mm	
Magnification	0.61x	
Area Covered	3.7 x 4.5" / 92 x 114mm	
Filter Size	77mm	
Lens Hood	Slip-on	
Dimensions (L x W)	5.7 x 4.3" / 96.4 x 97.2mm	
Weight	3 lbs. 12 oz. / 980 g.	

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# 90mm f/3.5 L

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The 90mm f/3.5 L is considered a wide-normal lens. Its 53° angle of view works well for a variety of subjects.

Applications include general purpose photography from landscapes to full length or head and shoulders portraits. It works well for close-up photography with or without extension tubes. Floating Element design assures edge-to-edge sharpnes at all focusing distances.

Equivalent to 44mm in 35mm format.

# 90mm f/3.5 L

Optical Construction	8 elements/7 groups
Angle of View	52°
Diaphragm	Automatic
Minimum Aperture	32
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal	44mm



Length	for	35mm
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Minimum Focusing Distance	1′ 5.7" / 448mm
Magnification	0.51x
Area Covered	4.4 x 5.4" / 111 x 138mm
Filter Size	77mm
Lens Hood	Screw-in
Dimensions (L $\times$ W)	3.7 x 3.8" / 95 x 97.2mm
Weight	2 lbs. 2 oz. / 960 g.

127mm	f/3.5
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The 127mm f/3.5 is an excellent, all purpose normal lens. Its slightly long normal focal length makes it superb for close-focusing, portrait head shots, and three-quarter length portraits.

Applications include general purpose photography from landscapes to portraits and close-up photography with the RB's built-in bellows or added extension tubes.

Equivalent to 62mm in 35mm format.

## 127mm f/3.5 Specifications

Optical Construction	6 elements/4 groups
Angle of View	39°
Diaphragm	Automatic
Minimum Aperture	32
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	62mm
Minimum Focusing Distance	2′ 1.2" / 639mm
Magnification	0.36x
Area Covered	6.1 x 7.6" / 155 x 192mm
Filter Size	77mm
Lens Hood	Screw-in
Dimensions (L $\times$ W)	2.9 x 3.8" / 74 x 97.2mm
Weight	1 lb. 12 oz. / 780 g.



# 180mm f/4.5

The 180mm f/4.5 is a compact mid range telephoto lens, and the most popular telephoto for the 6x7cm format. It yields a good camera to subject distance, slight flattening of portrait subjects, and exceptional sharpness.

Applications include portraiture, fashion, landscape telephotography and sports.

Equivalent to 87mm in 35mm format.

180mm f/4.5 Specifications



Optical Construction	4 elements/3 groups
Angle of View	28°
Diaphragm	Automatic
Minimum Aperture	45
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	87mm
Minimum Focusing Distance	3′ 7.3" / 1,099mm
Magnification	0.26x
Area Covered	8.5 x 10.6" / 217 x 270mm
Filter Size	77mm
Lens Hood	Screw-in
Dimensions (L $\times$ W)	4.4 x 3.8" / 112.3 x 97.2mm
Weight	2 lbs. 1 oz. / 930 g.

# 210mm f/4.5

The 210mm f/4.5 APO is the shortest focal length in the Mamiya RB APO series, utilizing ultra-low dispersion glass and computer aided design to eliminate chromatic abberation common to telephoto lenses over 200mm focal length.

Resolution, color reproduction and overall sharpness are enhanced at all apertures because chromatic abberation is eliminated.

Applications include fashion, beauty, portraiture, commercial, advertising and industrial photography.

Equivalent to 102mm in 35mm format.

# 210mm f/4.5 APO Specifications

Optical Construction	7 elements/5 groups
Angle of View	24°
Diaphragm	Automatic
Minimum Aperture	45
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	102mm
Minimum Focusing Distance	4′ 8.4" / 1,432mm
Magnification	0.22x
Area Covered	10.1 x 12.5" / 256 x 318mm
Filter Size	77mm
Lens Hood	Screw-in
Dimensions (L $\times$ W)	4.7 x 3.8" / 119.1 x 97.2mm



# 250mm f/4.5

The 250mm f/4.5 is an unusually compact long telephoto design, with five elements in four groups. It creates accentuated foreshortening and accentuated distance between foreground and background objects.

Applications include telephotography, landscape, wildlife, sports and fashion photography, where compression effect is desired.

Equivalent to 118mm in 35mm format.

## 250mm f/4.5 Specifications

Optical Construction	5 elements/4 groups
Angle of View	20°
Diaphragm	Automatic
Minimum Aperture	45
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	118mm
Minimum Focusing Distance	6′ 1.0" / 1,854mm
Magnification	0.19x
Area Covered	11.8 x 14.6" / 299 x 371mm
Filter Size	77mm
Lens Hood	Screw-in
Dimensions (L $\times$ W)	4.7 x 3.0" / 119 x 77.2mm
Weight	2 lbs. 8 oz. / 1,130 g.



250mm f/4.5 APO

The 250mm f/4.5 APO utilizes ultra-low dispersion glass and computer aided seven element, five group design to eliminate chromatic abberation common to telephoto lenses over 200mm focal length. Resolution, color reproduction and overall sharpness are enhanced at all apertures because chromatic abberation is eliminated.

Applications include wildlife, sports, landscape, industrial, fashion and beauty.

Equivalent to 119mm in 35mm format.

## 250mm f/4.5 APO Specifications

Optical Construction	7 elements/5 groups
Angle of View	21°
Diaphragm	Automatic
Minimum Aperture	45
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)



Equivalent Focal Length for 35mm	119mm	
Minimum Focusing Distance	6′ 1.3" / 1,860mm	
Magnification	0.19x	
Area Covered	11.7 x 14.6" / 298 x 370mm	
Filter Size	77mm	
Lens Hood	Screw-in	
Dimensions (L $\times$ W)	5.4 x 3.8" / 137.8 x 97.2mm	
Weight	3 lbs. / 1,370 g.	
350mm f/5.6 APO		
telephoto lenses over Resolution, color repro all apertures because 350mm APO lens inclu	n to eliminate chromatic abberation common to 200mm focal length. oduction and overall sharpness are enhanced at chromatic abberation is eliminated. The udes tripod support bracket. ong distance landscape, aerial, industrial and	
wildlife photography.		
Equivalent to 167mm	in 35mm format.	
350mm f/5.6 APO	Specifications	
Optical Construction	7 elements/6 groups	
Angle of View	15°	
Diaphragm	Automatic	*0.000 P
Minimum Aperture	45	
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)	
Equivalent Focal Length for 35mm	167mm	
Minimum Focusing Distance	11′ 2.9" / 3,423mm	
Magnification	0.13x	
Area Covered	16.5 x 20.5" / 420 x 521mm	
Filter Size	77mm	
Lens Hood	Screw-in	
Dimensions (L $\times$ W)	7.3 x 3.8" / 184.2 x 97.2mm	
Weight	3 lbs. 3 oz. / 1,440 g.	
distances and apertur built-in floating eleme	ero features outstanding resolution at all es, and adjustable flat field correction. The nt system allows correction of edge sharpness o 1:1 life size with optional extension tubes.	

Applications include copywork, macro and close-up photography of all objects from product photography to flowers. Fashion and beauty

RB camera's built-in bellows.

variety of subject clos lens, the 140mm f/4.5	e140mm f/4.5 Macro particularly useful for a e-ups and normal shots. An extremely versatile 5 Macro can also operate as an excellent normal sing to infinity for portraits, landscapes and ography.	
Equivalent to 68mm in 35mm format.		
140mm f/4.5 Macro		
Optical Construction	6 elements/4 groups	
Angle of View	35°	
Diaphragm	Automatic	
Minimum Aperture	32	
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)	
Equivalent Focal Length for 35mm	68mm	
Minimum Focusing Distance	759mm	
Magnification	0.33x	
Area Covered	6.8 x 8.4" / 173 x 214mm	
Filter Size	77mm	
Lens Hood	Screw-in	
Dimensions (L $\times$ W)	3.5 x 3.8" / 90 x 97.2mm	
Weight	2 lbs. 7 oz. / 870 g.	

# 150mm f/4.0 Variable Soft Focus

The 150mm f/4.0 is a unique, special application lens offering variable soft focus and can be used as a normal application telephoto at smaller apertures. It is the prime lens for many portrait and wedding photographers because of its unusual and controllable soft focus effects using designed-in spherical abberation at apertures from f/4 to f/8 and a set of three diffusion discs. The combination creates soft focus images that appear sharp at the same time, eliminating the need for costly and time consuming retouching. At f/8 and smaller apertures, it renders completely sharp, normal images. Its 150mm focal length makes it ideal for small studio working distances.

Applications include portraiture, fashion, beauty, landscape and general photography.

Equivalent to 74mm in 35mm format.

# 150mm f/4.0 Variable Soft Focus Specifications

Optical Construction	5 elements/3 groups
Angle of View	33°
Diaphragm	Automatic
Minimum Aperture	32
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)



Equivalent Focal Length for 35mm	74mm	
Minimum Focusing Distance	2′ 9.7" / 856mm	
Magnification	0.3x	
Area Covered	7.3 x 9.0" / 185 x 229mm	
Filter Size	77mm	
Lens Hood	Screw-in	
Dimensions (L x W)	3.3 x 3.7" / 84 x 94mm	
Weight	1 lb. 12 oz. / 790 g.	
100-200mm f/5 2 Zoom		

100-200mm f/5.2 Zoom

The 100-200mm f/5.2 Zoom features a 14 element 12 group design with a focal length range that is ideal for studio use. One lens can be used for full length portraits to head shots eliminating the need to change lenses, synch cords or camera position, throughout a sitting. Because of Mamiya computer aided design and manufacturing techniques, the 100-200mm Zoom provides image performance equal to prime focal length lenses. It offers a choice of helicoid or camera bellows focusing. A tripod support bracket is included. Applications include studio portraiture, fashion and landscape photography.

Equivalent to 48-97mm zoom in 35mm format.

## 100-200mm f/5.2 Zoom Specifications

Optical Construction	14 elements/12 groups
Angle of View	47° ~ 26°
Diaphragm	Automatic
Minimum Aperture	45
Shutter	Seiko #1 mechanical lens shutter, 1~1/400 sec., T (time), X contact (flash synchronization at all speeds)
Equivalent Focal Length for 35mm	48 ~ 97mm
Minimum Focusing Distance	Wide Angle 1' 9.6"/548mm ~ Telephoto 3' 11.9"/1,217mm
Magnification	Wide Angle 0.45 $\sim$ Telephoto 0.24x
Area Covered	Wide Angle 5.0 x 6.1" / 126 x 156mm Telephoto 9.3 x 11.6 "/ 237 x 294mm
Filter Size	77mm
Lens Hood	Slip-on
Dimensions (L $\times$ W)	6.5 x 4.3" / 166 x 108.5mm
Weight	3 lbs. 11 oz. / 1,660 g.



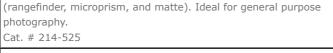
Variable Diopter, Flip-up Magnifier

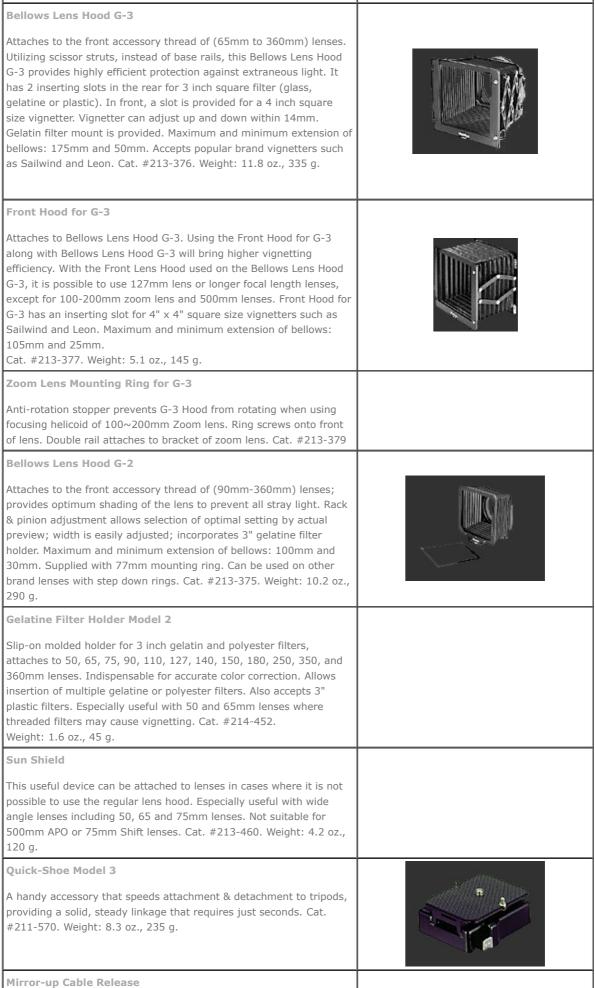
Attached to the prism finder, it assures enhanced precision focusing by magnifying the central portion of the screen. After focusing, it can be raised to confirm overall composition.

Featuring 5 lens elements in 2 groups, it produces a side-correct, distortion-free image. Particularly useful for critical focusing with

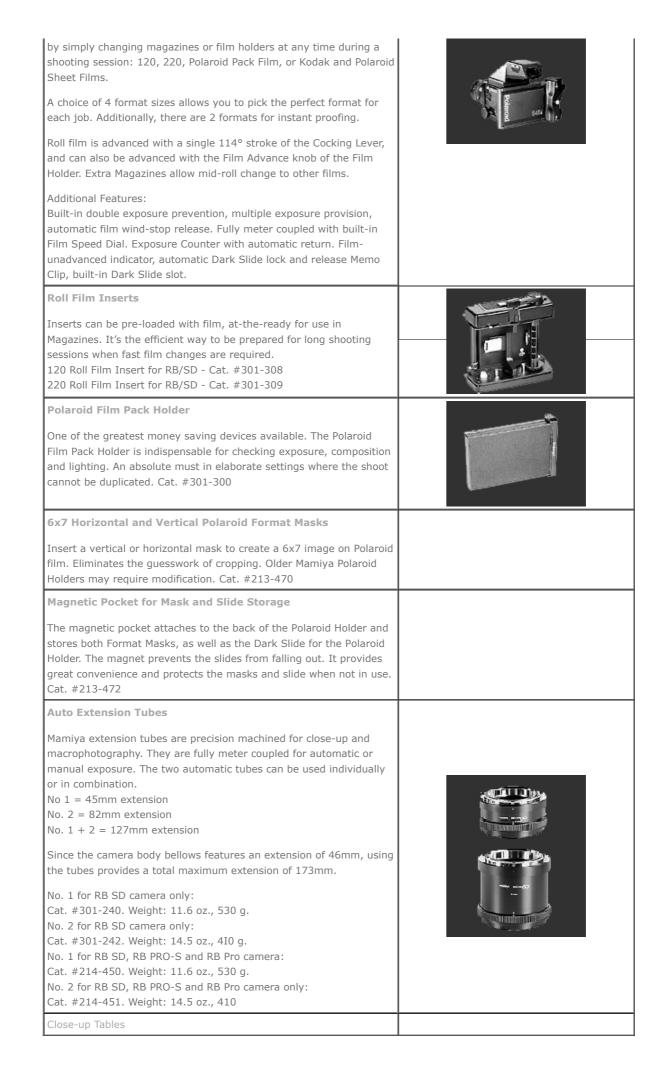


correction. For Prism Finder Model 2 and PD Prism Finder . Cat. #301-430. Weight: 2.5 oz., 70 g.	
Cuci # 301 1301 Weight: 213 021/70 g.	
Diopter Correction Lenses	
Anyone wearing eyeglasses or experiencing difficulty focusing may benefit by adding a diopter correction lens to the viewfinder. Diopter correction lenses adjust for near or farsightedness and permit your eye to more clearly see the focusing screen, thereby enabling you to achieve consistently sharp photographs. Although it is possible to consult your eyecare specialist to ask for your "diopter correction" number, in our experience it is best to try it for yourself. To make it easy for Mamiya owners to explore the benefits of a diopter corrected viewfinder, complete sets may be ordered with return privileges. Keep the one that works best for you, and return the rest within 10 days.	
<b>Diopters for RB Waist Level Finder</b> (-1.5 diopter standard) Set A for farsighted eyes contains 2 lenses: +1, 0 Set B for nearsighted eyes contains 4 lenses: -1, -1.5, -2, -3	
<b>Diopters for RB Prism Finders</b> (8 diopter built-in) Set C for farsighted eyes contains 3 lenses: +1, +2, +3 Set D for nearsighted eyes contains 5 lenses:5, -1, -2, -3, -4	
Mamiya RB Focusing Screens	
Mamiya offers a broad variety of easily interchangeable focusing screens for RB series cameras, in order to serve the many specialized needs of professionals. Photographers often require more than one screen for particular applications such as close-up, architectural, portrait, industrial and scientific photography.	
Vertical Split Image Same as Matte, but with a vertical central split-image rangefinder wedge added. Matte surface can be used for focusing, but the vertical split-image feature makes focusing easier and more accurate for subjects such as portraits. Cat. # 214-527	
Matte All matte with Fresnel lens, suited for general purpose photography. (Supplied with camera) Cat. # 214-520	
<b>Checker</b> Same as Matte, but with perpendicular grid. Pattern ideal as a compositional aid. Grid intersections also useful as reference points for multiple exposures. Cat. # 214-521	
Microprism Same as Matte, but with central microprism spot added. Provides an alternative Rangefinder Spot screen with same benefit of enhanced focusing precision. Cat. # 214-523	
<b>Cross Hair</b> All matte screen with small aerial (totally transparent) spot with cross hairs. Used for parallax focusing and designed for special high magnification applications. Especially suited for macro and telephoto photography. Cat. # 214-524	
RangefinderSpot/Microprism Same as Matte, but with a 45° split-image rangefinder wedge surrounded by a microprism collar. Highly versatile 3-way focusing	





The perfect tool to prevent even the slightest camera shake during slow-shutter-speed exposures; one cable connects to the camera body's shutter release, the other to the mirror-up switch. When the release is pressed, the mirror-up operation activates first, followed	
by operation of the shutter. Very useful for both close-up and telephoto applications. Cat. #213-461. Weight: 3.2 oz., 90 g.	
Soft Pouches	
Great travel companions protect camera and lenses from scuffing and scratching. Soft lining provides an extra measure of safety. For RB camera w/waist level finder and normal lens - Cat. #214-701 For lenses: Between: 50 & 250 - Cat. #213-390 For 360 lens - Cat. # 213-382	
Flash Bracket RB	
A left-hand grip that provides excellent balance for both hand-held shooting and for carrying. The grip is equipped with a locking shutter release (mechanically linked to the camera's own release) and a cold-shoe for accessories. Also fits Mamiya C series TLR cameras. Cat. #213-495. Weight: 13.8 oz., 390 g.	
120 Roll Film 6x7	
220 Roll Film 6x7	
120 Roll Film 6x4.5	
220 Roll Film 6x4.5	
6x7 120/220 Power Drive Magazine	
6x8 120/220 Power Drive Magazine	
Mamiya's exclusive revolving back system allows you great freedom in camera positioning and an extensive choice of films and formats. Interchangeable magazines permit a wide variety of films to be used	



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