HASSELBLAD®

📷 500EL/M

📷 SWC/M

📷 2000FC

📷 500C/M

THE

HASSELBLAD®

SYSTEM

Finders and hoods: Focusing hood, Magnifying hood, NC-2, Meter prism finder VFC-6, Meter prism finder, HC-4, HC-3/70

Masks and viewfinders: Masks, Frame viewfinder, Sports viewfinder, Focusing screen masks, Focusing screens

Film magazines: A 12, A 24, A 16 S, A 16, Sheet film adapter, 70, 80, 100, 70/100-200

Cameras: SWC/M, 500 C/M, 500 EL/M, 2000 FC, Shutter speed multiplier

Grips and brackets: Pistol grip C/M, Pistol grip EL/M, Flash-gun bracket, Flash-gun bracket, Platform Gunstock, Tripod quick-coupling, Extension arm, Adjustable flash-holder, Double handgrip

Control units: Intervalometer, Recharge unit, Command unit, Battery, Battery compartment, Remote radio, Recharge unit, Power Supply unit, Amplifier

Lenses (top group): Planar 80, Multi-prism lens, Softar, Proxar 50, 80, Distagon 50, 86, 50, Planar 110, Sonnar 150, Tele-Tessar 250, 70, Softar, 110-150, Variogon 140-280, 93

Accessories (center): 55, 21, Extension tubes 10, 56, 32, 16, 8, S-Planar 135, Microscope shutter, Microscope adapter, Bellows extension, Transparency copy-holder

Lenses (right group): F-Distagon 30, 26, Distagon 40, 104, 40, Distagon 50, Distagon 60, Multi-prism lens, 63, 50-60, Planar 80, Planar 100, Multi-prism lens, Softar, Proxar 50, 80, UV-Sonnar 105, S-Planar 120, Sonnar 150, Multi-prism lens, Softar, Proxar 50, 100-250, Sonnar 250, Sonnar Superachromat 250, Professional lens shade, Planar 80, Automatic diaphragm control unit Planar 100, Sonnar 150, Sonnar 250, Tele-Tessar 350, 86, Tele-Tessar 500, Variogon 140-280, 93

Hasselblad, the world's most comprehensive camera system for the $2^1/_4 \times 2^1/_4$ format, is the acme of flexibility. The interchangeability and the extremely high quality of the system have made the Hasselblad renowned. With more than 300 components to choose from, the photographer can assemble a special-purpose rig for almost any photographic application.

The pillars of the system are the Hasselblad 500C/M, the 500EL/M, the 2000FC, and the SWC/M wide-angle camera.

The system encompasses 22 lenses in focal lengths from 30 to 500 mm with angular fields from 180° to 9°. Bayonet mounts allow lens changes in seconds. The lenses are of the finest optical quality and mechanical precision. A fast Zeiss 250mm Tele-Tessar F f/4 T* lens has been introduced for the Hasselblad 2000FC.

Film magazines can also be switched quickly and conveniently. Eight different models are available for five different film loads and three different formats. The Hasselblad photographer need never miss a single shot!

The new 70/100–200 magazine is a special version of the Magazine 70. It has a greater capacity (100–200 exposures) per film load than the standard magazine.

There are nine interchangeable viewfinders, giving the photographer a choice of different sighting angles, image magnifications, and reversed or unreversed viewfinder images. The VFC-6 is a new meter prism finder. Seven interchangeable focusing screens with different characteristics make focusing a true snap. The latest addition is a focusing screen with a combined central grid and split-image range-finder.

This year's Hasselblad catalog also features new extension tubes, a new rapid-winding crank for the Hasselblad 500C/M, a frame viewfinder attachment for the 350 or 500mm Tele-Tessar lenses, and a new battery compartment for the Hasselblad 500EL/M.

In addition to the items presented in this catalog, we can also offer special equipment for e.g. computerized image analysis, underwater photography, and photogrammetric applications. Cameras and accessories can also be modified to suit specific customer requirements. Contact the Special Applications Department at Victor Hasselblad Aktiebolag in Sweden (see the back cover of this catalog for address), or the Hasselblad distributor in your own country for further information.

This year's four-color catalog has been printed using a different method than previously. We hope this will improve our presentation of all the options available with the constantly expanding Hasselblad system.

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HASSELBLAD 500C/M

The Hasselblad 500C/M is a manually operated $2^1/_4 \times 2^1/_4$ single-lens reflex camera in the Hasselblad system for lenses with fully synchronized leaf shutters for flash at all shutter speeds. Interchangeability of lenses, film magazines, focusing screens, viewfinders, and film winding devices lends the camera exceptional versatility. A Hasselblad 500C/M truly makes you the master of most photographic situations.

The Zeiss 80mm Planar C f/2.8 multicoated lens, like all Hasselblad C lenses, has manual and automatic diaphragm operation, automatic depth-of-field indicators and an exposure value scale. The standard film magazine yields twelve $2^1/_4 \times 2^1/_4$ frames on 120 film. The focusing hood has a folding, fine-focus magnifier to facilitate focusing on the focusing screen. Each screen has a Fresnel lens giving you a bright sparkling image right out into the corners of the field. The film winding knob advances the film and cocks the shutter at the same time.

The 500C/M has a signal system to prevent unintentional double-exposure, a frame counter, a pre-release button, and a tripod plate with $^3/_8''$ and $^1/_4''$ tripod sockets. Weight 3 lb 1 oz (xxxxx). Dimensions $6^3/_4 \times 4^1/_4 \times 4$ in ($170 \times 109 \times 104$ mm).

The Hasselblad 500C/M is available with chrome trim or black trim.

10014 Hasselblad 500C/M with chrome trim is supplied with the following standard equipment:
10022 500C/M camera body, chrome trim *(see specifications below)*
20028 Zeiss 80mm Planar C f/2.8 T*
30074 Film magazine A12, chrome trim
50369 Front lens cap
41068 Magazine slide

10162 Hasselblad 500C/M with black trim is supplied with the following standard equipment:
10170 500C/M camera body, black trim *(see specifications below)*
20028 Zeiss 80mm Planar C f/2.8 T*
30147 Film magazine A12, black trim
50369 Front lens cap
41068 Magazine slide

HASSELBLAD 500C/M CAMERA BODY

The Hasselblad 500C/M camera body without a lens or film magazine. It is available with chrome trim or black trim. Weight 1 lb $4^1/_2$ oz (580 g).

10022 Hasselblad 500C/M camera body with chrome trim is supplied with the following equipment:
44024 Standard winding knob
42021 Standard focusing hood, chrome trim
42161 Standard focusing screen
49018 Neck strap
43036 Cable hook
51438 Front protective cover
41041 Rear protective cover

10170 Hasselblad 500C/M camera body with black trim is supplied with the same equipment as the 10022 above but with a black-trim model of the standard focusing hood 42277.

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HASSELBLAD SWC/M

This is a wide-angle camera in the Hasselblad system. Its standard film magazine is identical to the ones used with other cameras in the system and yields 12 frames on 120 roll film.

The Hasselblad SWC/M can be used with Hasselblad magazine 100 for Polaroid film.

The Zeiss 38mm Biogon C f/4.5 multicoated lens has a 90° angle of view. This lens is fully corrected for curvilinear distortion. Depth of field at f/22 is from 26 inches to ∞. The lens is permanently attached to the camera body.

The camera has a fully synchronized leaf shutter with a self-timer, exposure value scale, automatic depth-of-field indicators, a spirit level, a top-mounted release button, a crank for simultaneous film transport and shutter cocking, and a tripod plate with $3/8''$ and $1/4''$ tripod sockets. Weight 3 lb $3/4$ oz (1380 g). Dimensions $6 \times 4 1/4 \times 5 3/8$ in ($153 \times 108 \times 145$ mm).

Max. aperture	f/4.5
Focal length	38 mm
Angle of view, diagonal	90°
horizontal	72°
No. of lens elements	8 (multicoated)
Focusing range	$11 3/4$ in (0.3 m)–∞
Synchro-Compur shutter	B, 1–1/500 s
Diaphragm	f/4.5–22
Synchronization	M and X
Self-timer	V
Accessory mount	Series 63 filters

The Hasselblad SWC/M is available with chrome trim or black trim.

10030 Hasselblad SWC/M with chrome trim is supplied with the following standard equipment:
10049 SWC/M camera body, chrome trim *(see specifications below)*
52035 Optical viewfinder
30074 Film magazine A12, chrome trim

10189 Hasselblad SWC/M with black trim is supplied with the following standard equipment:
10197 SWC/M camera body, black trim *(see specifications below)*
52035 Optical viewfinder
30147 Film magazine A12, black trim

HASSELBLAD SWC/M CAMERA BODY

Hasselblad SWC/M camera body with a lens but without a viewfinder or film magazine. Available with chrome trim or black trim. Weight 1 lb 15 oz (880 g).

10049 Hasselblad SWC/M camera body with chrome trim is supplied with the following equipment:
49018 Neck strap
50350 Filter mount 63
43036 Cable hook
50385 Front lens cap
41041 Rear protective cover

10197 Hasselblad SWC/M camera body with black trim is supplied with the same equipment as the 10049 above.

⚡◉500EL/M

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HASSELBLAD 500EL/M

The Hasselblad 500EL/M is a motorized $2^1/_4 \times 2^1/_4$ single-lens reflex camera in the Hasselblad system for lenses with leaf shutters. The motor is an integral part of the camera. It advances the film and cocks the shutter. The motor is powered by one or two rechargeable batteries, each of which good for about 1000 exposures. There are 5 different ways of making an exposure with the Hasselblad 500EL/M. The choice is made with a selector dial.

The Zeiss 80mm Planar C f/2.8 multicoated lens has a fully synchronized leaf shutter with a manual and automatic diaphragm, automatic depth-of-field indicators and an exposure value scale. The film magazine provides 12 $2^1/_4 \times 2^1/_4$ exposures on 120 roll film. The focusing hood has a folding, fine-focus magnifier to facilitate focusing on the focusing screen. A Fresnel lens contributes to the bright, corner-to-corner screen image. Lenses, film magazines, the focusing hood, and focusing screen are all interchangeable. The Hasselblad 500EL/M is supplied with the standard recharge unit I for 110/220AC operation so that the batteries can be charged in the camera. Weight 4 lb $1^1/_2$ oz (1860 g). Dimensions $6^3/_4 \times 4 \times 5^3/_4$ in ($170 \times 100 \times 147$ mm). The Hasselblad 500EL/M is available with chrome trim or black trim.

10057 Hasselblad 500EL/M with chrome trim is supplied with the following standard equipment:
10065 500EL/M camera body, chrome trim *(see specifications below)*
20028 Zeiss 80mm Planar C f/2.8 T*
30074 Film magazine A12, chrome trim
50369 Front lens cap
41068 Magazine slide

10200 Hasselblad 500EL/M with black trim is supplied with the following standard equipment:
10219 500EL/M camera body, black trim *(se specifications below)*
20028 Zeiss 80mm Planar C f/2.8 T*
30147 Film magazine A12, black trim
50369 Front lens cap
41068 Magazine slide

HASSELBLAD 500EL/M CAMERA BODY

The Hasselblad 500EL/M camera body can be supplied without a film magazine or lens. Almost all the accessories in the Hasselblad system can be used with the Hasselblad 500EL/M. Weight 2 lb $4^1/_4$ oz (1030 g). The camera body is available with chrome trim or black trim.

10065 Hasselblad 500EL/M camera body with chrome trim is supplied with the following equipment:
42021 Standard focusing hood, chrome trim
42161 Standard focusing screen
56022 Recharge unit I
56081 Battery (1)
43036 Cable hook
51438 Front protective cover
41041 Rear protective cover
46140 Carrying strap
56111 Fuses (2)
46159 Key disc
46175 Socket cap
46116 Release button
46043 Release cord FK 30

10219 Hasselblad 500EL/M camera body with black trim is supplied with the same equipment as the 10065 above but with a black-trim model of the standard focusing hood 42277.

⬛◎2000FC

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HASSELBLAD 2000FC

The Hasselblad 2000FC is the latest addition to the system. It is a $2^{1}/_{4} \times 2^{1}/_{4}$ single-lens reflex camera featuring a focal plane shutter with speeds from 1–1/2000 s and B. Rapid shutter curtain operation makes flash synchronization possible at 1/90 s. The non-vignetting mirror can be set for three different programs: instant return, return after film advance, or mirror lock-up. The camera has a folding crank for advancing the film and cocking the shutter simply and smoothly. The film advance mechanism can be disengaged so that winding the crank only cocks the shutter. Multiple exposures can then be made on the same frame with the utmost ease.

Since the Hasselblad 2000FC is an integral part of the Hasselblad system, its lenses, film magazines, focusing screens, and viewfinders are all interchangeable.

The Zeiss 80mm Planar F f/2.8 multicoated lens for the Hasselblad 2000FC is part of a series of new Hasselblad lenses with increased extension, convenient grip rings and simple controls for depth-of-field preview. Hasselblad lenses with leaf shutters can also be used with the 2000FC, thereby providing the photographer with maximum freedom of choice: lenses with or without leaf shutters, lenses of varying focal length and lenses of the same focal length but differing speed.

The standard film magazine yields twelve $2^{1}/_{4} \times 2^{1}/_{4}$ exposures on 120 film and fits every other camera in the system. The folding magnifier in the focusing hood facilitates critical focusing on the focusing screen whose Fresnel lens produces an extremely bright and evenly illuminated screen image. The battery compartment holding the battery cassette is set up to accommodate future accessories.

The camera mechanism has a signal system preventing unintentional double exposure, a film counter, a lock to prevent dislodging the shutter speed ring, a pre-release button, and a tripod plate with a $^{3}/_{8}''$ tripod socket. Weight 3 lb 5 oz (1500 g). Dimensions $7 \times 4^{5}/_{16} \times 4$ in ($180 \times 110 \times 104$ mm). The Hasselblad 2000FC is available in models with chrome trim or black trim.

10308 Hasselblad 2000FC with chrome trim is supplied with the following standard equipment:
10316 2000FC camera body, chrome trim *(see specifications below)*
20400 Zeiss 80mm Planar F f/2.8 T*
50369 Front lens cap
30074 Film magazine A12, chrome trim
41068 Magazine slide
41041 Rear protective cover

10324 Hasselblad 2000FC with black trim is supplied with the following standard equipment:
10332 2000FC camera body, black trim *(see specifications below)*
20400 Zeiss 80mm Planar F f/2.8 T*
50369 Front lens cap
30147 Film magazine A12, black trim
41068 Magazine slide
41041 Rear protective cover

HASSELBLAD 2000FC CAMERA BODY

Hasselblad 2000FC camera body without a lens or film magazine. Available with chrome trim or black trim. Weight 1 lb 8 oz (680 g).

10316 Hasselblad 2000FC camera body with chrome trim is supplied with the following equipment:
42021 Standard focusing hood, chrome trim
42161 Standard focusing screen
49018 Neck strap
51438 Front protective cover
41041 Rear protective cover

10332 Hasselblad 2000FC camera body with black trim is supplied with the same equipment as the 10316 above, but with the black-trim model of the standard focusing hood 42277.

⦿ C LENSES

20176 Zeiss 30mm F-Distagon C f/3.5 T*
("fish-eye")
Wide-angle lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/3.5
Focal length	30 mm
Angle of view, diagonal	180°
horizontal	112°
No. of elements	9 (multicoated)
Focusing range	11³/₄ in (0.3 m)–∞
Diaphragm	f/3.5–22
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 26 filters
Weight	3 lb (1360 g)
Length	4³⁵/₆₄ in (115.5 mm)

Supplied in case 58157 with 3 filters, i.e. a yellow 50636, an orange 50644, a conversion filter 50652 for using daylight type film in artificial light, and a neutral glass 50660, front lens cap 50709, and rear lens cap 50377.

20176

20036 Zeiss 40mm Distagon C f/4 T*
Wide-angle lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/4
Focal length	40 mm
Angle of view, diagonal	88°
horizontal	69°
No. of elements	10 (multicoated)
Focusing range	20 in (0.5 m)–∞
Diaphragm	f/4–32
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 104 filters
Weight	3 lb ¼ oz (1365 g)
Length	4²⁹/₃₂ in (124.5 mm)

Supplied in case 58114 with front lens cap 50563, and rear lens cap 50377.

20036

20044 Zeiss 50mm Distagon C f/4 T*
Wide-angle lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/4
Focal length	50 mm
Angle of view, diagonal	75°
horizontal	58°
No. of elements	7 (multicoated)
Focusing range	20 in (0.5 m)–∞
Diaphragm	f/4–22
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 63 filters
Weight	2 lb ¾ oz (925 g)
Length	3¹⁵/₁₆ in (100 mm)

Supplied with filter retaining ring 63 50350, front lens cap 50385, and rear lens cap 50377.

Separate protective lens case available, see page 23.
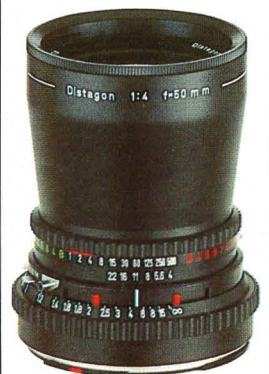
20044
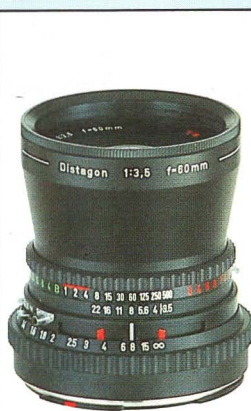
20206

20206 Zeiss 60mm Distagon C f/3.5 T*
Wide-angle lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/3.5
Focal length	60 mm
Angle of view, diagonal	66°
horizontal	50°
No. of elements	7 (multicoated)
Focusing range	2 ft (0.6 m)–∞
Diaphragm	f/3.5–22
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 63 filters
Weight	1 lb 11½ oz (780 g)
Length	3¹¹/₃₂ in (85 mm)

Supplied with filter retaining ring 63 50350, front lens cap 50385, and rear lens cap 50377.

Separate protective lens case available, see page 23.

20028

20028 Zeiss 80mm Planar C f/2.8 T*
Standard lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/2.8
Focal length	80 mm
Angle of view, diagonal	52°
horizontal	38°
No. of elements	7 (multicoated)
Focusing range	3 ft (0.9 m)–∞
Diaphragm	f/2.8–22
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	15 oz (425 g)
Length	2¹/₃₂ in (51.7 mm)

Supplied with front lens cap 50369, and rear lens cap 50377.

20125

20125 Zeiss 100mm Planar C f/3.5 T*
Lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/3.5
Focal length	100 mm
Angle of view, diagonal	43°
horizontal	32°
No. of elements	5 (multicoated)
Focusing range	3 ft (0.9 m)–∞
Diaphragm	f/3.5–22
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 4½ oz (580 g)
Length	2⁷/₁₆ in (62 mm)

Supplied with front lens cap 50369, and rear lens cap 50377.

Separate protective lens case available, see page 23.

20133 Zeiss 105mm UV-Sonnar C f/4.3
Special-purpose lens for Hasselblad
500C/M, 500EL/M, and 2000FC

Max. aperture	f/4.3
Focal length	107.2 mm
Angle of view, diagonal	41°
horizontal	30°
No. of elements	7
Focusing range	6 ft (1.8 m)–∞
Diaphragm	f/4.3–32
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 8¹/₂ oz (690 g)
Length	3²⁷/₆₄ in (87 mm)

Designed for use within a wavelength range of 215–700 mμ (2,150–7,000 angstroms).

Supplied with front lens cap 50369 and rear lens cap 50377.

20133

20052 Zeiss 120mm S-Planar C f/5.6 T*
Lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/5.6
Focal length	120 mm
Angle of view, diagonal	36°
horizontal	26°
No. of elements	6 (multicoated)
Focusing range	37 in (0.95 m)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 6¹/₂ oz (640 g)
Length	3¹³/₃₂ in (86.5 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20052

20117 Zeiss 135mm S-Planar C f/5.6 T*
Special-purpose lens for Hasselblad
500C/M, 500EL/M, and 2000FC for use
with bellows extension

Max. aperture	f/5.6
Focal length	135 mm
Angle of view, diagonal	32°
horizontal	23°
No. of elements	7 (multicoated)
Focusing range with bellows extensions 40223 and 40517	21 in (535 mm)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 3³/₄ oz (560 g)
Length	3¹¹/₃₂ in (85 mm)

Supplied with front lens cap 50369 and rear lens cap 50571.

Separate protective lens case available, see page 23.

20117

20060 Zeiss 150mm Sonnar C f/4 T*
Lens for Hasselblad 500C/M, 500EL/M, and 2000FC

Max. aperture	f/4
Focal length	150 mm
Angle of view, diagonal	30°
horizontal	21°
No. of elements	5 (multicoated)
Focusing range	4¹/₂ ft (1.4 m)–∞
Diaphragm	f/4–32
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 8³/₄ oz (700 g)
Length	3²⁵/₃₂ in (96 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20060

20079 Zeiss 250mm Sonnar C f/5.6 T*
Telephoto lens for Hasselblad 500C/M,
500EL/M, and 2000FC

Max. aperture	f/5.6
Focal length	250 mm
Angle of view, diagonal	18°
horizontal	13°
No. of elements	4 (multicoated)
Focusing range	8¹/₄ ft (2.5 m)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	2 lb 3/4 oz (930 g)
Length	6⁹/₆₄ in (156 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20079

20192 Zeiss 250mm Sonnar C
Superachromat f/5.6
Special-purpose lens for Hasselblad
500C/M, 500EL/M, and 2000FC

Max. aperture	f/5.6
Focal length	250 mm
Angle of view, diagonal	18°
horizontal	13°
No. of elements	6
Focusing range, approx.	9 ft (2.8 m)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	1 lb 12¹/₄ oz (800 g)
Length	6⁷/₆₄ in (155 mm)

The 250mm f/5.6 Zeiss Sonnar C Superachromat was specially designed to provide perfect correction for chromatic aberrations. The outstanding correction was achieved without significantly sacrificing the correction of other optical faults. The Superachromat lens is ideal for scientific work, especially in the field of multispectral photography.

It has a spectral range of 400–1000 mμ, making focusing compensation unnecessary when working in infrared light.

Supplied with front lens cap 50369 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20192

20184

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20184 Zeiss 350mm Tele-Tessar C f/5.6 T*
Telephoto lens for Hasselblad 500C/M,
500EL/M, and 2000FC

Max. aperture	f/5.6
Focal length	350 mm
Angle of view, diagonal	13°
horizontal	9°
No. of elements	4 (multicoated)
Focusing range	$16^1/_2$ ft (5 m)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 86 filters
Weight	3 lb $4^1/_2$ oz (1490 g)
Length	$8^{55}/_{64}$ in (225 mm)

Supplied in case 58165 with front lens cap 50393, rear lens cap 50377, and lens shade 50407.

20087 Zeiss 500mm Tele-Tessar C f/8 T*
Telephoto lens for Hasselblad 500C/M,
500EL/M, and 2000FC

Max. aperture	f/8
Focal length	500 mm
Angle of view, diagonal	9°
horizontal	6.5°
No. of elements	5 (multicoated)
Focusing range	28 ft (8.5 m)–∞
Diaphragm	f/8–64
Synchro-Compur shutter	B, 1–1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 86 filters
Weight	4 lb $11^1/_2$ oz (2140 g)
Length	$12^7/_{16}$ in (316 mm)

Supplied in case 58084 with front lens cap 50393, rear lens cap 50377, lens shade 50407, and focusing ring 40150 with movable index markers.

20214

20214 Schneider 140–280mm Variogon C f/5.6
Zoom lens for Hasselblad 500C/M,
500EL/M, and 2000FC

Max. aperture	f/5.6
Focal length	140–280 mm
Angle of view, diagonal	16–30°
horizontal	11–22°
No. of elements	17 in 14 groups (multicoated)
Focusing range, normal	$8^1/_4$ ft (2.5 m)–∞
Closest subject-to-film plane distance:	
8 ft + macro mode	$3^1/_2$ ft (107 cm)–∞
Diaphragm	f/5.6–45
Synchro-Compur shutter	B, 1–1/500 s
Accessory mount	Series 93 filters
Weight	4 lb $2^1/_4$ oz (1880 g)
Length	$9^{26}/_{64}$ in (240 mm)

The 140–280mm f/5.6 Schneider Variogon C is a zoom lens whose focal length can be varied continuously from 140 to 280 mm. It is the first zoom lens with a built-in, fully synchronized leaf shutter ever made for a $2^1/_4 \times 2^1/_4$ single-lens reflex camera.

The Variogon is a genuine zoom lens. This means that it remains in focus as its focal length is varied. In contrast to variofocal lenses which have to be refocused after every change in focal length.

The 140–280mm Variogon zoom presents the Hasselblad photographer with a special-purpose lens capable of yielding elegant imagery and enhanced creativity.

Supplied in case 58181 with front lens cap 51462, rear lens cap 50377, and lens shade 51470.
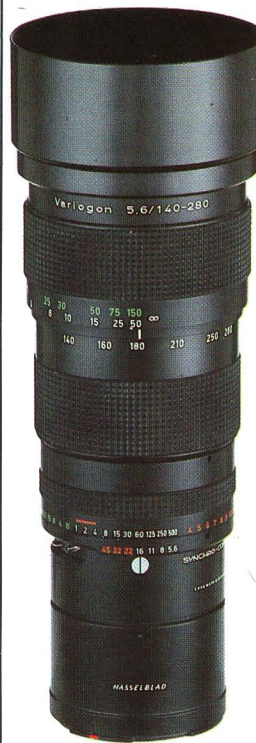
20427

■ F LENSES

20427 Zeiss 50mm Distagon F f/2.8 T*
Wide-angle lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	50 mm
Angle of view, diagonal	74°
horizontal	56°
No. of elements	9 (one of which floating, multicoated)
Focusing range	$12^1/_2$ in (0.32
Diaphragm	f/2.8–22
Accessory mount	Series 86 filters
Weight	2 lb $11^3/_4$ oz (1240 g)
Length	$4^{13}/_{32}$ in (112 mm)

Supplied in case 58262 with front lens cap 51454, and rear lens cap 50377.
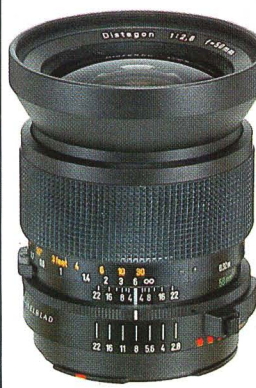
20400 Zeiss 80mm Planar F f/2.8 T*
Standard lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	80mm
Angle of view, diagonal	51°
horizontal	37°
No. of elements	7 (multicoated)
Focusing range	2 ft (0.6 m)–∞
Diaphragm	f/2.8–22
Accessory mount	Serie 50 filters
Weight	15 oz (425 g)
Length	2²³/₆₄ in (60 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.

20400

20419 Zeiss 110mm Planar F f/2 T*
Lens for Hasselblad 2000FC

Max. aperture	f/2
Focal length	110 mm
Angle of view, diagonal	39°
horizontal	28°
No. of elements	7 (multicoated)
Focusing range	2¹/₂ ft (0.8 m)–∞
Diaphragm	f/2–16
Accessory mount	Series 70 filters
Weight	1 lb 10³/₄ oz (760 g)
Length	3²⁷/₆₄ in (87 mm)

Supplied with front lens cap 51446 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20419

20435 Zeiss 150mm Sonnar F f/2.8 T*
Lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	150 mm
Angle of view, diagonal	30°
horizontal	21°
No. of elements	5 (multicoated)
Focusing range	4¹/₂ ft (1.4 m)–∞
Diaphragm	f/2.8–22
Accessory mount	Series 70 filters
Weight	1 lb 9 oz (710 g)
Length	3²⁷/₆₄ in (87 mm)

Supplied with front lens cap 51446 and rear lens cap 50377.

Separate protective lens case available, see page 23.

20435

20478

20478 Zeiss 250mm Tele-Tessar F f/4 T*
Telephoto lens for Hasselblad 2000FC

Max. aperture	f/4
Focal length	250 mm
Angle of view, diagonal	18°
horizontal	13°
No. of elements	5 (multicoated)
Focusing range	8.5 ft (2.5 m)–∞
Diaphragm	f/4–32
Accessory mount	Series 70 filters
Weight	2 lb ¹/₂ oz (920 g)
Length	6³/₁₆ in (157 mm)

Supplied with front lens cap 51446 and rear lens cap 50377.

Estimated time of delivery: second half of 1981.

20443

20443 Schneider 140–280mm Variogon F f/5.6
Zoom lens for Hasselblad 2000FC

Max. aperture	f/5.6
Focal length	140–280 mm
Angle of view, diagonal	16–30°
horizontal	11–22°
No. of elements	17 in 14 groups (multicoated)
Focusing range, normal	8¹/₄ ft (2.5 m)–∞
Closest subject-to-film plane distance:	
8 ft+ macro mode	3¹/₂ ft (107 cm–∞
Diaphragm	f/5.6–32
Accessory mount	Series 93 filters
Weight	4 lb 1³/₄ oz (1850 g)
Length	9²⁶/₆₄ in (240 mm)

The 140–280mm f/5.6 Schneider Variogon F is a zoom lens whose focal length can be varied continuously from 140 to 280 mm. The Variogon is a genuine zoom lens. This means that it remains in focus as its focal length is varied. In contrast to variofocal lenses which have to be refocused after every change in focal length. The 140–280mm Variogon zoom presents the Hasselblad photographer with a special-purpose optic capable of yielding elegant imagery and enhanced creativity.

Supplied in case 58181 with front lens cap 51462, rear lens cap 50377, and lens shade 51470.

FILM MAGAZINES

30074 Film magazine A12 (chrome)
30147 Film magazine A12 (black)

The film magazine A12 provides 12 $2^1/_4 \times 2^1/_4$ exposures on 120 roll film. Fitted with a winding crank, automatic stop at the first frame, a counter with automatic zero-reset, film indicator, exposure signals, and automatic stop after 12 exposures. Available with chrome trim or black trim. Supplied with magazine slide 41068.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30147   30074

30082 Film magazine A16 (chrome)
30155 Film magazine A16 (black)

The film magazine A16 provides 16 $1^5/_8 \times 2^1/_4$ pictures on 120 roll film. The magazine A16 is an economical film holder, especially when used with color. It has a film winding crank with an automatic stop at the first frame, a film counter with automatic reset, a film indicator, exposure signal, and automatic stop after 16 exposures. Available with chrome trim or black trim. It is supplied with magazine slide 41068 and focusing screen mask 42145 (use mask 42080 with older 500C or 500EL models; see page 18).

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30155   30082

30090 Film magazine A16S (chrome)
30163 Film magazine A16S (black)

The film magazine A16S provides 16 $1^5/_8 \times 1^5/_8$ superslide-size shots on 120 roll film. It has a film winding crank with an automatic stop at the first frame, a film counter with automatic reset, a film indicator, exposure signal, and automatic stop after 16 exposures. Available with chrome trim or black trim. It is supplied with magazine slide 41068 and focusing screen mask 42145 (use mask 42080 with older 500C or 500EL models; see page 18).

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30163   30090

30104 Film magazine A24 (chrome)
30171 Film magazine A24 (black)

The magazine A24 provides 24 $2^1/_4 \times 2^1/_4$ exposures on 220 roll film. It has a crank for film winding with an automatic stop at the first frame, a counter with automatic zero-reset, a film indicator, an exposure signal, and an automatic stop after 24 exposures. Available with chrome trim or black trim. Supplied with magazine slide 41068.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30171   30104

30066 Film magazine 70 (chrome)
30139 Film magazine 70 (black)

This magazine is designed to take up to 15 ft (4.7 m) of cassette-loaded 70mm film and yields 70 $2^1/_4 \times 2^1/_4$ pictures. 70mm film is available in 100 and 300 ft bulk loads for loading cassettes with any desired length up to 15 ft. Cassettes for preloaded film are also available. The magazine has a film plane marking, film signal, film counter, and film type indicator. Available with chrome trim or black trim. Supplied with magazine slide 41068.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30139   30066

30201 Film magazine 70/100–200 (chrome)
30228 Film magazine 70/100–200 (black)

This magazine, which must be darkroom-loaded, is a special version of the Magazine 70. The film is rolled directly onto a spool and placed in the magazine without a cassette. This allows a larger number of frames per load, approx. 100 exposures on ordinary film. Up to 200 exposures can be obtained using film with 5 to 3 mils (0.12–0.07 mm) thick Estar base.

Available with chrome trim or black trim. Supplied with magazine slide 41068.
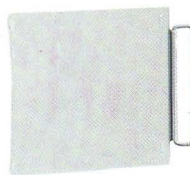*Available only on special order.*

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30228   30201

51039 Film cassette for film magazine 70

This enameled steel cassette can be loaded with 15 ft (4.7 m) of 70mm perforated film.

51039

41068 Magazine slide

Made of stainless steel. Fits all Hasselblad film magazines except the magazines for Polaroid film.

41068

41076 Quick-winding crank for film magazines

Attached to the film magazine loading key, this crank saves time in advancing the film to the first frame and winding onto the take-up spool after the last exposure.

For Hasselblad magazines 12, 16, 16S, 24, and 70.

41076

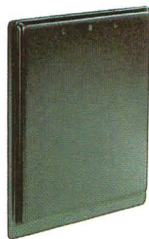**30120 Hasselblad magazine 80 for Polaroid film**

This magazine is often essential to the studio photographer in obtaining fast checks on lighting and composition. Any shortcomings are quickly disclosed. The amateur photographer should also find it a useful accessory. Both Type 87 (3000 ASA) black & white film packs and Type 88 (75 ASA) color packs fit this magazine. Neutral density filters are available for use with the high speed black & white Polaroid film. See page 15. Format: $2^1/_4 \times 2^1/_4$. Supplied with magazine slide 41106 and protective cover 41114.
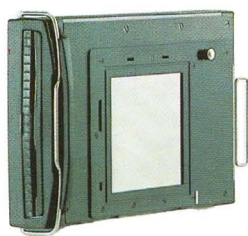
For Hasselblad 500C/M and 500EL/M.
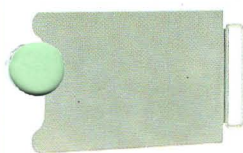
NOTE: The magazine 80 will *not* fit the 2000FC.

30120
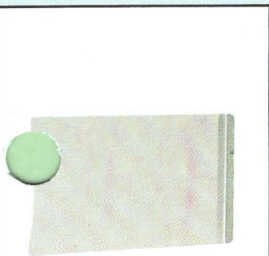
41106 Magazine slide for the Polaroid film magazine 80

This stainless steel magazine slide only fits the Hasselblad magazine 80 for Polaroid film. The magazine slide can be stowed into a holder at the rear of the magazine when the magazine is in use on the camera.

41106

41114 Protective cover for the Polaroid film magazine 80

The glass plate in the Polaroid magazine 80 is protected by this cover when the magazine is not in use.

41114

30198 Hasselblad magazine 100 for Polaroid film

Polaroid film packs Type 107, 108, 665, 667, and 668 can be used in this magazine by the Hasselblad photographer. The magazine's glass plate ensures exact film positioning, especially important when film Type 665 is used. This film yields a positive print and a negative with resolution good enough for big, high-quality blowups, both within 30 s. Image format $2^{1}/_{4}$-square. Supplied with magazine slide 41122.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

30198

41122 Magazine slide for the Polaroid magazine 100

This stainless steel magazine slide only fits the Hasselblad magazine 100 for Polaroid film. The slide can be stowed into a holder at the rear of the magazine when the magazine is in use on the camera.

41122

41017 Sheet film adapter

The Hasselblad sheet film adapter enables you to make use of the wide range of sheet film on the market. It is used in conjunction with easy-to-switch sheet film holders.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

41017

51012 Sheet film holder

A single-sided film holder for sheet film and plates. $2^{1}/_{2} \times 3^{1}/_{2}$ film (6.5×9 cm) can be trimmed to $2^{1}/_{2} \times 2^{1}/_{2}$ with the Hasselblad film cutter 41092.

51012

41092 Film cutter

This film cutter has been designed to facilitate trimming sheet film to $2^{1}/_{2} \times 2^{1}/_{2}$ ($2^{1}/_{4} \times 2^{1}/_{4}$ image field). Extremely easy to use, it protects film from finger marks and greatly simplifies film trimming.
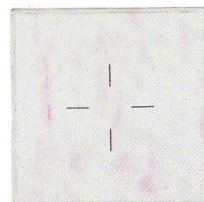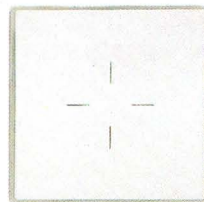
41092
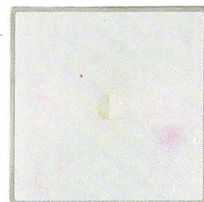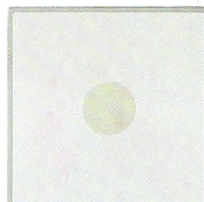
42188

42234
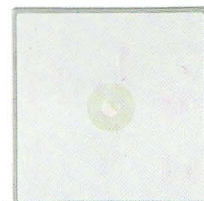
42218
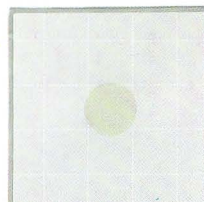
42250

42285

42200

42188 Interchangeable focusing screen with split-image rangefinder

Bright focusing screen for fast focusing. The Fresnel lens has a 7.5mm split-image rangefinder center spot. Hasselblad interchangeable focusing screens can be switched in seconds.

The split-image rangefinder focusing screen fits the Hasselblad 500C/M, 500EL/M, and 2000FC with lenses in focal lengths from 30 to 150 mm.

42196 Replacement focusing screen with split-image rangefinder

A set for permanent installation of a focusing screen with split-image rangefinder in 500C and 500EL models. Detailed installation instructions included.

42234 Interchangeable focusing screen with central grid

This focusing screen, with a central grid 15 mm in diameter to facilitate focusing, provides a bright, sharp image of the subject. For use with all Hasselblad lenses.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

42242 Replacement focusing screen with central grid

A set for permanent installation of a focusing screen with central grid in 500C and 500EL models. Detailed installation instructions included.

42218 Interchangeable focusing screen with central grid and split-image rangefinder

Focusing screen with a diagonal 5mm split-image rangefinder, combined with a 14mm central grid outside the split-image rangefinder.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

42250 Interchangeable checked focusing screen with central grid

A 15mm microprism central grid is combined with a checked pattern in this focusing screen. The checking is used for horizontal and vertical alignment in e.g. architectural photography and copying work.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

42269 Replacement checked focusing screen with central grid

A set for permanent installation of a checked focusing screen with central grid in 500C and 500EL models. Detailed installation instructions included.

42285 Interchangeable fine-line focusing screen

A focusing screen with more closely spaced Fresnel lines (13.3/mm) than the standard focusing screen (8/mm).

For Hasselblad 500C/M, 500EL/M, and 2000FC.

42200 Interchangeable plain glass screen

A bright focusing screen facilitating photomicrography and macro work.

It consists of a plain glass screen with a reference cross and a Fresnel lens.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

52027 Prism viewfinder NC-2
52028 Prism viewfinder NC-2/100

These prism viewfinders of very high optical quality produce an unreversed image three times larger than the focusing screen image. The sighting angle is 45°. Correction lenses for compensation of faulty vision (see below) can be fitted to the rotatable and removable rubber eyepiece.

Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC, and, with the focusing screen adapter, the SWC/M.

52027/52028

52086 Prism viewfinder HC-4

The viewfinder's superb optical quality yields a bright and unreversed image three times larger than the focusing screen image. The ocular is focusable ±5 diopters and has an adjustable rubber eyepiece that can be swiveled to accomodate photographers wearing glasses.
Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC, and, with the focusing screen adapter, the SWC/M.

52086

52043 Prism viewfinder HC-3/70

The same basic design as the HC-4 prism viewfinder but with a longer finder barrel, making it especially suitable for use with the Magazine 70. It yields an image magnified four times.
Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC, and, with the focusing screen adapter, the SWC/M.

52043

52051 Meter prism finder

Exposure can be determined quickly and accurately with the meter prism finder. The battery-powered CdS meter takes a reading of the entire viewfinder image, with the exception of a few millimeters at the upper edge. The reading is shown on an exposure value scale clearly visible in the viewfinder. The sighting angle is 45° and the unreversed screen image is enlarged three times. Correction lenses for compensation of faulty vision (see below) can be fitted on the meter prism finder.
Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

52051

42293 Meter prism finder VFC-6

A meter prism finder with a built-in exposure meter. The center-weighted meter has a silicon cell with a fast response even at low light levels. The reading is indicated on an exposure value scale (EV 2–19) by red diodes directly below the viewfinder image. The meter automatically shuts off after 15–20 s. Battery check indicates adequate battery voltage by a green diode lighting up. The sighting angle is 45° and the screen image is magnified three times. Can be fitted with correction lenses for compensation of faulty vision (see below).
Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

42293

Correction lenses for prism viewfinders 52027, 52028, 52051, and 42293

The correction lenses have anti-reflection coating and are available in diopter strengths from −4 to +3.
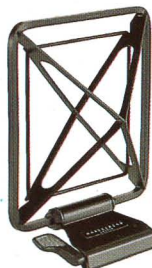
Delivered in sets but can also be ordered separately. Supplied with instructions for attachment.
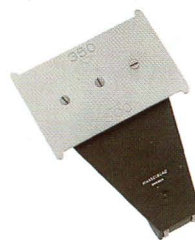
52108 Set of 7 lenses (as specified below):

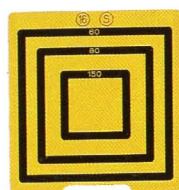|	
52116 −4 diopters	52159 +1 diopter
52124 −3 diopters	52167 +2 diopters
52132 −2 diopters	52175 +3 diopters
52140 −1 diopter	

52108
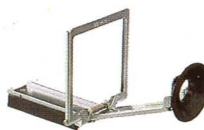
52094

52094 Magnifying hood

This hood is fitted with a magnifier that enlarges the focusing screen image 2½ times. The magnifier is adjustable from +3.5 to −2.5 diopters to suit individual eyesight requirements. The magnifying hood effectively blocks extraneous light and makes accurate focusing easier.
For Hasselblad 500C/M, 500EL/M, 2000FC, and, with the focusing screen adapter, the SWC/M.

40215

40215 Frame viewfinder

This viewfinder outlines the field of view for lenses with 100, 250, 350, and 500mm focal lengths when used with the Hasselblad 500C/M, 500EL/M, and 2000FC with magazines A12, A24, or 70.

The frame viewfinder is placed on the lens shade on the 150 or 250mm lenses or on the frame viewfinder attachment (see below) for the 350 and 500mm lenses. The frame provides a direct line of sight parallel to the optical axis of the camera lens. Ideal for photographers wearing glasses since there are no disturbing elements close to the eye.

For lens shades 80, 110, and 100–250, as well as the 40665 frame viewfinder attachment 350/500.

40665

40665 Frame viewfinder attachment 350/500

The attachment makes it possible to use the frame viewfinder with the 350 and 500mm Tele-Tessar lenses. An ideal accessory for sport and wildlife photographers.

43028

43028 Sports viewfinder

Sports viewfinder with parallax compensation and interchangeable masks for different focal lengths and magazines. An ideal accessory for the press photographer. The frame of the finder outlines field limits when the viewfinder is used in combination with magazines A12 or A24 and an 80mm lens, or magazines A16S and a 50mm lens.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

Masks for sports viewfinder

Masks for film magazines A12 and A24
43141 (in combination with a 100mm lens)
43044 (in combination with a 150mm lens)
43052 (in combination with a 250mm lens)
43168 (in combination with a 350mm lens)
43060 (in combination with a 500mm lens)

Masks for film magazine A16
43079 (in combination with a 80mm lens)
43087 (in combination with a 150mm lens)
43095 (in combination with a 250mm lens)

Mask for film magazine A16S
43109 (with engraved viewing fields for 60, 80, and 150mm lenses).

43109

50296 Proxar 0.5/50
50318 Proxar 1.0/50
50326 Proxar 2.0/50

Proxar auxiliary close-up lenses have internal and external bayonet mounts. When used with the 80mm C Planar lens, the
Proxar 0.5 provides a focusing range of 17¹/₄″–24¹/₄″ (43.5–61.7 cm).
Proxar 1.0 provides a focusing range of 22″–42¹/₄″ (55.8–107 cm).
Proxar 2.0 provides a focusing range of 26³/₄″–83³/₄″ (68–213 cm).
Proxar 1.0+0.5 provide a focusing range of 14¹/₂″–18¹/₄″ (36.9–46.2 cm).
Proxar 2.0+1.0 provide a focusing range of 19¹/₂″–31¹/₄″ (49.2–79.5 cm).
For lenses with series 50 accessory mounts for Hasselblad 500C/M, 500EL/M, and 2000FC.

40363 Extension tube 10
For Hasselblad 500C/M and 500EL/M.

40010 Extension tube 21
For Hasselblad 500C/M and 500EL/M.

40029 Extension tube 55
For Hasselblad 500C/M, 500EL/M, and 2000FC.
Extension tubes 10 and 21 can be used with the Hasselblad 2000FC provided they are *not connected directly to the camera body* but combined with another extension tube.

40649 Extension tube 8*
40541 Extension tube 16
40568 Extension tube 32
40657 Extension tube 56
A complete series of Hasselblad extension tubes, covering the range up to the shortest bellows draw.
For Hasselblad 500C/M, 500EL/M, and 2000FC.
* Extension tube 8 can not be directly connected to the 2000FC camera body.
Estimated time of delivery:
Extension tube 8: second half of 1981
Extension tube 56: end of 1981
All extension tubes have a shaft which connects the lens and camera mechanisms so that all automatic functions are retained. Bayonet mounts make it easy to connect the tubes in different conbinations.

40517 Automatic bellows extension
The Hasselblad automatic bellows extension interconnects camera body and lens mechanisms. So you can work in the same way as if the lens were attached to the camera. Extension length is conveniently altered with knobs. The extension range is from 2¹/₂″ to 8″ (63.5 mm to 202 mm). The bellows extension, combined with the special-purpose 135mm S-Planar C, enables you to work from infinity down to 1:1.
For Hasselblad 500C/M, 500EL/M, and 2000FC.

40525 Lens shade for automatic bellows extension
A compendium lens shade with adjustable extension is available for the automatic bellows extension. It is fitted with flanges to accept Hasselblad transparency copyholder enabling you to copy and duplicate slides and negatives. Supplied with lens mounting ring 50 (40592).

40592 Lens mounting ring 50
40614 Lens mounting ring 70
A lens mounting ring 50 for lenses with a 50mm accessory mount is supplied with the lens shade for the automatic bellows extension but is also available separately. A ring 70 for lenses with 70mm accessory mount is an optional accessory.

40533 Transparency copyholder II
The Hasselblad transparency copyholder II is used in the copying and duplication of transparencies and negatives. It is attached to flanges on the lens shade for the automatic bellows extension. Electronic flash is the recommended light source. Hasselblad light balance filters are the best means of correcting color temperature.
For automatic bellows extension 40517 and bellows extension 40223 for Hasselblad 500C/M, 500EL/M, and 2000FC.

40630 Extension ring
In certain instances, lens shade extension may not be sufficient in the copying of transparencies, depending on the framing desired. This ring makes it possible to increase extension by 3¹/₄ in.

40622 Lens support rod 296
The lens shade is supplied with an interchangeable support rod 216. A longer support rod, the 296, may be required when the extension ring 40630 is used.

40223 Bellows extension
This bellows extension is fitted with a double cable release 40142 for simultaneous operation of lens and camera mechanisms, thus enabling full use to be made of the camera's automatic features. The shutter is cocked manually by means of a special device in the bellows lens mount. The bellows can be extended from 2¹/₂″ to 8″ (63.5 to 202 mm), which together with e.g. the special 135mm S-Planar C lens, provides a focusing range from 21″ (535 mm–1:1 scale of reproduction) to ∞.
For Hasselblad 500C/M, 2000FC and, with release adapter 46213, the 500EL/M.

50504 Lens shade for bellows extension
A lens shade for the bellows extension 40223. It can also be used as an adapter accepting the Hasselblad transparency copyholder.

46213 Release adapter
The release adapter is employed if the bellows extension is modified for use with the 500EL/M. Instructions for modification of the bellows extension are included.
For Hasselblad 500EL/M.

50296 50318 50326

40363

40010

40029

40649

40541

40568

40657

40517

40525

40592

40614

40533

40630

40622

40223

50504

46213

40045 Microscope adapter

When coupled to a microscope, the microscope adapter becomes the link between eyepiece and camera. It has a bayonet mount for attachment to the camera. This adapter provides the photographer with a rock-steady and light-tight connection of camera and microscope. For oculars 25 mm in diameter.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

40045

40169 Microscope shutter

The microscope shutter, provided with a bayonet mount for the camera body and microscope adapter 40045, is cocked and tripped automatically by the camera mechanism. It has a fully synchronized Synchro-Compur shutter for B and 1–1/500 s and is protected by an eyepiece shield.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

40169

40037 Lens mount adapter

Intended for attaching special lenses to the camera as may be required in photomicrography, for example. The auxiliary shutter in the camera body then serves as the main shutter.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

40037

40177 Lens flange

The lens flange is designed for photographers who wish to use their Hasselblad lenses on enlargers. It is made of a light alloy and can easily be adapted for use with most enlargers.

40177

40282 Lens shade 38
40274 Lens shade 50–60

These black anodized aluminum lens shades with matt-finished inner surfaces are made for the 38mm Biogon C, 50mm and 60mm Distagon C respectively. Also designed to accommodate the Hasselblad series 63 filters. These lens shades are screwed directly onto their respective lenses.

40282

40290 Lens shade 40

A lens shade for the 40mm Distagon C lens. Made of rubber and provided with a bayonet mount.
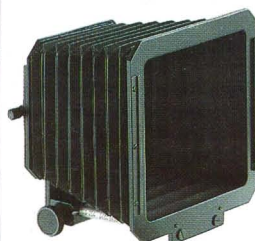
40290

40584

40118

40126

40576

40231

50776

40495

40584 Lens shade 2.8/50

Lens shade for the 50mm Distagon F lens for the Hasselblad 2000FC. It is attached to the lens via a threaded mount.

40118 Lens shade 80

The lens shade 80 for the 80mm Planar C and F lenses is provided with a bayonet mount. Alignment dots facilitate attachment to the lens. The lens shade reduces glare and reflections and protects exposed lens surfaces.

40126 Lens shade 100–250

Lens shade for the 100mm Planar C, 105mm UV-Sonnar C, 120mm S-Planar C, 135mm S-Planar C, 150mm Sonnar C, and 250mm Sonnar C lenses.

Bayonet mount attachment to the lens.
Same features as 40118.

40576 Lens shade 110

Lens shade for the 110mm Planar F, the 150mm Sonnar F, and the 250mm Tele-Tessar lenses for the Hasselblad 2000FC. It is attached the lens via a bayonet mount. Same features as lens shade 40118.

40231 Professional lens shade

Distracting glare and reflections are effectively reduced by the Professional lens shade. Designed as a bellows, it can be extended to approx. 4″ (100 mm). It has markings for the focal lengths of the different lenses, and separate masks for the longer focal lengths are included. This lens shade is screwed onto the 50mm and 60mm Distagon C and 38mm Biogon C and attached to the 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 105mm UV-Sonnar C, 150mm and 250mm Sonnar C lenses with an adapter ring. The included open L-connector 50776 is used with a cable release.

Supplied with:

40320 Adapter ring 50
40339 Adapter ring 63
40304 Mask for 120, 135, and 150mm lenses
40312 Mask for 250mm lenses
50776 Open L-connector

40495 Holder for gelatin filters

The holder for gelatin filters is inserted into a special slot on the Hasselblad Professional lens shade. The filter is held firmly in a flat position. Insertion is quick and simple.

For Hasselblad Professional lens shade.

50512 Softar I/50
50520 Softar II/50
50539 Softar III/50

The Softars are used for soft-focus effects in portrait photography. They are available in three different degrees of soft-focus. Combining two or more Softars produces a variety of effects.

Since the Softars consist of a large number of tiny lens elements evenly distributed over the entire surface, soft-focus is better than with ordinary diffusers.

For lenses with series 50 accessory mounts used with Hasselblad 500C/M, 500EL/M, and 2000FC.

50539 50520 50512

51543 51535 51527

51527 Softar I/70
51535 Softar II/70
51543 Softar III/70

Softars with the same properties as the series 50 above.

For 70mm accessory mount lenses for Hasselblad 2000FC.

Multi-prism lenses

These multi-prism lenses have prisms producing multiple images on the film. A striking accessory for the advertising photographer and an interesting, creative tool for experiments.

50687 50679

For lenses with series 50 accessory mounts:
50679 with five prisms
50687 with six prisms

For lenses with series 63 accessory mounts:
50695 with six prisms

50695

Series 26 filters

These filters are 26 mm in diameter and designed for use with the 30mm F-Distagon C. The filters are engraved with markings designating filter factor, color, wavelength limit, and exposure value reduction in that order.

50636 50652

50636 yellow   1.5×Y50–0.5
50644 orange   3   ×Or57–1.5
50652 conversion filter* 2   ×B11–1
50660 neutral glass

50644 50660

* for using daylight type film in artificial light.

50075 Polarizing filter 50 (incl. pouch) for series 50 accessory mounts
58122 Pouch for polarizing filter 50
50482 Polarizing filter 63 (incl. pouch) for series 63 accessory mounts
58130 Pouch for polarizing filter 63

The Hasselblad polarizing filter 50 is engraved with the designation 50 2×Pola–1, and the polarizing filter 63 with the designation 63 2×Pola–1. The designation indicates diameter, filter factor, type, and exposure value reduction.

Polarizing filters are supplied in suede-finished cowhide pouches.

Pouches can also be ordered separately.

50075

50016 50059

50199

50121 50113

50814

Series 50 filters

These filters are 50 mm in diameter and designed for use with the 80mm Planar C and F, 100mm Planar C, 120mm S-Planar C, 135mm S-Planar C, 150mm Sonnar, and 250 mm Sonnar C lenses. They have internal and external bayonet mounts and can be attached to one another. The filters are engraved with designations indicating diameter, filter factor, color, and exposure value reduction, in that order.

50016 yellow   50 1.5×Y–0.5
50024 yellow-green   50 2 ×YG–1
50032 green   50 3 ×G–1.5
50040 orange   50 4 ×O–2
50059 red   50 6 ×R–2.5
50067 haze   50 1 ×HZ–0
50083 gray   50 4 ×Gr–2
50784 gray (neutr.-density) 50 8 ×Gr–3
50717 gray (neutr.-density) 50 64 ×Gr–6

Light balance filters series 50

The light balance filters are used with both reversal or negative color film to eliminate color casts.

They are engraved with designations indicating diameter, filter factor, color, decamired shift value, and exposure value reduction. CR indicates a red filter and CB a blue one.

50199 Set of six filters as below:
50202 50 1   ×CR 1.5–0 (skylight)
50210 50 1   ×CR 3 –0
50229 50 1.4×CR 6 –0.5
50237 50 1   ×CB 1.5–0
50245 50 1.4×CB 3 –0.5
50253 50 2   ×CB 6 –1
50261 50 2   ×CR 12–1 conversion filter for using tungsten type film (3200K) in daylight.
50288 50 3.5×CB12–1.5 conversion filter for using daylight type film in artificial light (3200K).

Series 63 filters

These filters are 63 mm in diameter and fit the 38mm Biogon C and 50mm and 60mm Distagon C lenses. They are attached to the lens by means of filter retaining ring 50350.

Engraved designations provide the same information as on the series 50 filters.

50105 yellow   63 1.5×Y–0.5
50806 yellow-green   63 2 ×YG–1
50113 green   63 3 ×G–1.5
50121 orange   63 4 ×O–2
50148 red   63 6 ×R–2.5
50156 haze   63 1 ×HZ–0
50164 diffusion   63 DF 1
50792 gray (neutr.-density) 63 8 ×Gr–3
50768 gray (neutr.-density) 63 64 ×Gr–6

Light balance filters series 63

Filters with the same characteristics as series 50 light balance filters.

50814 Set of 6 filters as below:
50822 63 1   ×CR 1.5–0 (skylight)
50830 63 1   ×CR 3 –0
50849 63 1.4×CR 6 –0.5
50857 63 1   ×CB 1.5–0
50865 63 1.4×CB 3 –0.5
50873 63 2   ×CB 6 –1
50881 63 2   ×CR 12–1 conversion filter for using tungsten type film (3200K) in daylight.
50903 63 3.5×CB 12–1.5 conversion filter for using daylight type film in artificial light (3200K).

40053

51314

50741

51403

50725

40053 Filter adapter ring series 63

This step-up adapter ring is used to attach series 63 filters to the 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses.

Series 70 filters

These filters are 70 mm in diameter and designed for the 110mm Planar F, the 150mm Sonnar F, and the 250mm Tele-Tessar F lenses for the Hasselblad 2000FC. They have internal and external bayonet mounts and can be attached to one another. Engraved designations on these filters are the same as on series 50 and series 63 filters.

51306	yellow	70	1.5×	Y–0.5
51314	green	70	3 ×G–1.5
51322	orange	70	4 ×O–2
51330	red	70	6 ×R–2.5
51349	haze	70	1 ×HZ–0

Light balance filter series 70

This filter has the same properties as series 50 and series 63 light balance filters.
51357 70 1 ×CR 1.5–0 (skylight)

Series 86 filters

These filters are 86 mm in diameter and are designed for use with the 350mm or 500mm Tele-Tessar C lenses and the 50mm Distagon F lens. They have internal and external threaded mounts. The filter is attached to the lens by the external thread. Additional filters or a lens shade can be screwed into the internal thread.

50741	yellow	86	2×Y–1
50911	yellow-green	86	2×YG–1
50172	orange	86	5×Or–2.5
50180	haze	86	1×HZ–0

Light balance filter series 86

This filter has the same properties as series 50 and series 63 light balance filters.
50938 86 1×CR 1.5–0 (skylight)

Series 93 filters

These filters are 93 mm in diameter and designed for the 140–280mm Variogon C and F lenses. Engraved designations on these filters are the same as on series 50, series 63, and series 70 filters.

51365	yellow	93	1.5×Y–0.5
51373	green	93	3 ×G–1.5
51381	orange	93	4 ×O–2
51403	red	93	6 ×R–2.5
51411	haze	93	1 ×HZ–0

Series 104 filters

These filters are 104 mm in diameter and fit the 40mm Distagon C lens. They have a bayonet mount for attachment to the lens accessory mount.

50547	yellow	104	2×Y–1
50555	yellow-green	104	2×YG–1
50725	orange	104	5×O–2.5
50733	haze	104	1×HZ–0

50601

51489

51497

43125

45071

Glassless filter mounts

These mounts are intended for rimless special-purpose filters for e.g. ultraviolet and infrared photography.

50598 Filter mount 50 for the Hasselblad 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses.
51551 Filter mount 70 for the 110mm Planar F, 150mm Sonnar F, and 250mm Tele-Tessar F lenses.
50601 Filter mount 86 for the 50mm Distagon F and the 350mm or 500mm Tele-Tessar C lenses.
50628 Filter mount 104 for the 40mm Distagon C lens.

51489 Ringlight

The Hasselblad ringlight for electronic flash units rated at 300–360 V. For all the Hasselblad 500C/M and 500EL/M lenses except the 30mm and 40mm Distagon C, 350mm and 500mm Tele-Tessar C, and 140–280mm Variogon. It also fits the 80mm Planar F for the 2000FC. Uniform, shadowless lighting is obtained due to the position of the ringlight around the circumference of the camera lens. For close-up photography in research, medicine, science, technology, and nature study. 65° angle of coverage and a 5800K color temperature. The Hasselblad ringlight is delivered with a cord for connection to a Paffrath & Kemper electronic flash power pack.

Can not be used in conjunction with the Hasselblad automatic bellows extension.

51497 Connecting cord for Braun F900
51500 Connecting cord for Metz 402

Special cords for connecting electronic flash power packs to the Hasselblad ringlight 51489.

43125 Adjustable flash-shoe

This flash-shoe is designed to fit the accessory rail on the left side of the camera body. It is intended for expendable flashguns and electronic flash units. This device features a swiveling flash-shoe which clicks into different positions to provide both direct or bounce lighting.
For Hasselblad 500C/M, 500EL/M, and 2000FC.

45071 Flashgun bracket for 500C/M and 2000FC

This flashgun bracket is attached to the camera's tripod plate and anatomically molded to the left hand. An adjustable leather strap makes for a much steadier grip. The camera can be triggered with a built-in release bar which can be locked to prevent unintentional release. The flashgun bracket has a flash-shoe for a flash unit extension arm 45098, or flash holder 45039.

46329 Flashgun bracket for 500EL/M

A flashgun bracket with the same design as the 45071 but with a built-in release cable for the Hasselblad 500EL/M. It has an accessory shoe for a flash unit, extension arm 45098, or adjustable flash holder 45039.

46329

45098 Extension arm

The extension arm is attached to the flashgun brackets 45071, 46329, or the double handgrip 46132. It can be swiveled so that light can be aimed in the desired direction.

45098

45039 Adjustable flash holder

This flash holder is mounted on flashgun brackets 45071 and 46329 and can be swiveled to provide illumination in the required direction. The flashgun tube is gripped by the flash holder clamp which can be adjusted by means of a knurled screw. The flash holder is fitted with a mounting shoe in addition to a flash holder clamp.

45039

45047 Pistol grip for 500C/M and 2000FC
46221 Pistol grip for 500EL/M

45047

The pistol grip is locked to the camera's tripod plate. The molded bakelite grip is shaped to fit the left hand snugly. Exposure is made by pressing the trigger with the index finger.

46221

45063 Platform Gunstock

The platform gunstock makes it possible for wildlife, news, and other photographers to leave their style-cramping tripods at home and work with the 500mm Tele-Tessar C lens more securely and with less camera movement. The unit is designed like a rifle stock with a padded butt which rests against the shoulder and an adjustable grip for right or left hand use. The camera's shutter is tripped via a cable release. The cable release is supplied with release adapter 46213 for use with the 500EL/M. The platform gunstock is made of aluminum, keeping weight down to approx. $2^1/_2$ lb (1 kg).

For Hasselblad 500C/M, 500EL/M, and 2000FC.

45063

44040 Rapid-winding crank

A crank for the Hasselblad 500C/M with the same convenient design as the crank for the Hasselblad 2000FC. The film winding knob can easily be replaced by the rapid-winding crank for faster film winding. Only available with black trim.

For Hasselblad 500C/M.

44040
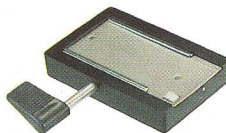
44016 Rapid-winding crank (chrome)
44032 Rapid-winding crank (black)

The film winding knob on the Hasselblad 500C/M can easily be replaced by the rapid-winding crank for faster film winding. This accessory increases shooting speed considerably and makes is possible to advance the film quickly and smoothly–an enormous advantage in studio and press photography. Available with chrome or black trim.

For Hasselblad 500C/M.

44032   44016

54011 Knob with exposure meter

The standard winding knob on the Hasselblad 500C/M can be quickly replaced by the knob with exposure meter. This metering knob converts light intensity into exposure values. It can easily be removed from the camera for taking measurements close to the subject. It is graduated from 6–1600 ASA (9–33 DIN) and is provided with a diffuser for incident light readings. A mirror under the pointer ensures accurate readings of the meter scale.

For Hasselblad 500C/M, 500EL/M, and 2000FC when fitted to the attachment for exposure meter (40266) on the lens shade.

54011

40061 Quick-focusing handle 1

Focusing is a fast and simple procedure using a quick-focusing handle. The adjustable handle is pressed onto the lens focusing ring. It is provided with three movable index markers and six indicating sleeves. The markers can be positioned around the focusing handle to indicate predetermined focusing points. This accessory is ideal for sports and press photography.

For 50mm and 60mm Distagon C, 80mm and 100mm Planar C, 105mm UV-Sonnar C on the Hasselblad 500C/M, 500EL/M, and SWC/M but *not* with these lenses on the 2000FC.

40061

40088 Quick-focusing handle 2

This focusing handle fits the 120mm S-Planar C, 150mm and 250mm Sonnar C lenses on the Hasselblad 500C/M, 500EL/M, and 2000FC.

Same design as quick-focusing handle 40061.

40088

45128 Tripod quick-coupling

A camera can be attached to or removed from a tripod more quickly using the Hasselblad quick-coupling. Provided with both $^3/_8''$ and $^1/_4''$ sockets, the quick-coupling screws onto the tripod. The camera can then be slid on and locked into place with a twist of the wrist.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

45128

43117 Spirit level

The spirit level is attached to the accessory rail on the left side of the camera and is viewed from above. The spirit level is particularly useful in work with 30mm, 40mm, 50mm, and 60mm focal length lenses.
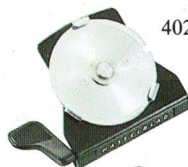
For Hasselblad 500C/M, 500EL/M, and 2000FC.

43117

40185 Linear mirror unit

The Hasselblad linear mirror unit is used in photocopying when extremely accurate parallel alignment between film plane and subject is essential. By using the linear mirror unit, parallel accuracy can be adjusted to less than two minutes of arc.

The linear mirror unit consists of the lens flange mirror 40193 attached in place of the lens on Hasselblad 500C/M, 500EL/M (or 2000FC, with extension tube), and a reflecting mirror 40207 placed at the object plane.

40185

40266 Attachment for the Hasselblad exposure meter

This attachment is attached to the front of the lens shade with a simple operation, when the rapid-winding crank is used.

For lens shades 80, 110, and 100–250.

40266

40258 Attachment for flash

This attachment simplifies the use of flashbulbs and flashcubes. It is quickly attached to the front of the lens shade. The swivel-type shoe can be clicked into different positions.

For lens shades 80, 110, and 100–250.

40258

46140 Carrying strap

This strap is made of black leather with a rubber insert.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

46140

49018 Neck strap

This strap is made of black leather and is adjusted with a simple buckle. A safety spring keeps the catches from slipping off the camera's buttons.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

49018

59080 Wide camera strap

A comfortable $1^1/_2''$ wide strap. Strap length can be adjusted with a simple buckle. The strap is made of black polyester with a non-chafing, slip-resistant underside with woven-in rubber fibers. A safety spring prevents the catches from slipping off the camera's strap buttons.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

59080

Black focusing screen masks

This mask effectively masks the focusing screen down to the superslide format obtained with the A16S film magazine. NOTE: The meter prism finder will not produce accurate light readings with this mask in place.

42153 Black focusing screen mask for the 500C/M, 500EL/M, and 2000FC.

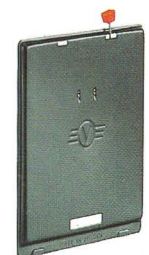42099 Black focusing screen mask for the 500C or 500EL models.

42153

Transparent focusing screen masks

42145 Mask with format marking for the film magazines A16 ($1^5/_8 \times 2^1/_4$) and A16S ($1^5/_8 \times 1^5/_8$). Used with the 500C/M, 500EL/M, and 2000FC models.

42080 Mask for the same magazines as 42145 but for use with the 500C and 500EL models.

42145

42072 Checked screen

This special screen is made of acrylic plastic and engraved with squares. The outer lines delineate the picture areas for magazines A16 and A16S. The checked screen can be used, for example, for horizontal and vertical picture alignment in architectural photography and photocopying. It is retained on the focusing screen by the focusing hood.

For Hasselblad 500C and 500EL, but *not* the 500C/M, 500EL/M, and 2000FC.

42072

51438 Front protective cover

The front protective cover is attached to the camera body's bayonet mount and is made of black plastic.

For Hasselblad 500C/M, 500EL/M, and 2000FC.

51438

41041 Rear protective cover

The rear protective cover provides excellent protection when no magazine is attached to the camera.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

41041

50369 Front lens cap 50

This black plastic lens cap fits the 80mm Planar C and F, 100mm Planar C, 105mm UV-Sonnar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses. Bayonet mount.

50385 Front lens cap 63

Made of black plastic, this friction-fit cap fits the 38mm Biogon C and the 50mm and 60mm Distagon C lenses.

50369

51446 Front lens cap 70

This black plastic cap fits the 110mm Planar F, the 150mm Sonnar F, and the 250mm Tele-Tessar F lenses for the Hasselblad 2000FC. Bayonet mount.

50393 Front lens cap for Tele-Tessar 350/500

This friction-fit cap for the 350mm and 500mm Tele-Tessar C lenses is made of black plastic.

51446

51454 Front lens cap for Distagon F 50

This black plastic cap fits the 50mm Distagon F lens for the Hasselblad 2000FC. Friction-fit attachment.

51462 Front lens cap for Variogon

The black plastic cap fits the 140–280mm Variogon C and F lenses. Friction-fit attachment.

50563 Front lens cap 104

This black plastic cap is made for the 40mm Distagon C. Bayonet mount.

51462

50709 Front lens cap for Distagon C 30

This black plastic cap fits the 30mm Distagon C lens. Friction-fit attachment.

40509 Front lens cap for the automatic diaphragm control unit

Made of black plastic. Bayonet mount.

50377

50377 Rear lens cap

Fits all Hasselblad lenses except the 135mm S-Planar C. Made of black plastic. Bayonet mount.

50571 Rear lens cap 135

For the 135mm S-Planar C. Made of black plastic. Bayonet mount.

50571

52035

41025

SPECIAL ACCESSORIES FOR HASSELBLAD SWC/M

52035 Viewfinder for the SWC/M

This brilliant optical viewfinder has two functions–it shows the image area and makes it possible to keep a check on the camera's spirit level via the prism. A particularly useful feature when taking hand-held shots.

Masks for viewfinder 52035

42048 When the mask is in position on the viewfinder, it shows the image area obtained when using magazine A16.

42056 This mask is similar to the above but shows the picture area obtained with magazine A16S.

42048

41025 Focusing screen adapter

For easy control of picture composition and accurate depth-of-field determination. Incorporating a Fresnel lens, the focusing screen adapter yields a brilliant image out to the edges of the field. It can be combined with magnifying hood 52094, or the standard focusing hoods 42021 and 42277. It is attached to the camera in the same manner as the magazines.

For Hasselblad 500C/M, 500EL/M, SWC/M, and 2000FC.

44059

57347

57355   57363   57371

57398

57444

57460

57452

57541

57533

44059 Conversion kit for the SWC

This is a kit for converting a Hasselblad SWC to SWC/M specifications. The modified camera will then accept the Hasselblad magazine 100 for Polaroid film.

The finder mount, film advance crank, and quick-attachment shoe require modification. This work should be carried out by an authorized Hasselblad service center since modification of the SWC calls for removal of the lens.

HASSELBLAD UNDERWATER HOUSING

57347 Hasselblad Underwater Housing for use with the SWC

This Hasselblad underwater housing for the SWC is made of die-cast aluminum. The housing has a blue enamel finish with yellow handgrips and black operating controls.

The underwater housing for use with the SWC consists of front section 57304 and rear section 57320. Weight in water with the Hasselblad SWC is 2 lb 14 oz (1300 g).

57304 Front Section for the SWC

The front section of the underwater housing has operating controls for shutter speed, diaphragm, and shutter release. It also contains the battery unit, a contact for expendable flash, and a connection for electronic flash. Supplied with the following items:

57355 Toothed focusing ring
57363 Toothed diaphragm ring
57371 Toothed shutter speed ring
57398 Pin spanner
57401 Special grease

57320 Rear Section for the SWC

This underwater housing's rear section has a frame viewfinder for the 38mm Biogon C lens, handgrips, knob for film advance and shutter cocking, a knob for focusing, and a film counter window. Supplied with the following items:

57452 Film advance adapter for the SWC
57460 Shutter release adapter for the SWC
57479 Frame viewfinder for the 38mm Biogon C
57444 Neck strap

57541 Connector for flash

The connector plug is used to connect expendable or electronic flash to the underwater housing. Intended for $1/4''$ (6.4mm) diameter cord.

57533 Correction lenses for the 38mm Biogon C lens

Correction lenses are available for the 38mm Biogon lens to correct the refraction of light in water. These correction lenses counteract image angle reduction and eliminate resultant distortion. One lens replaces the underwater housing's port and the other is attached to the Biogon lens.
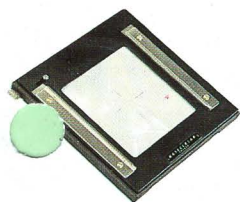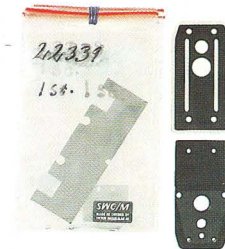
⚡ SPECIAL ACCESSORIES FOR THE HASSELBLAD 500EL/M

56022 Recharge unit I

With this unit, batteries can be recharged in the Hasselblad 500EL/M or in battery compartments 46337 and 43133. The unit is connected to the side socket of the camera or battery compartment with a 3 ft long cable. Charging time is 14 hours for a completely discharged battery, and 28 hours if two batteries are charged simultaneously. The unit has a fixed plug, and it is supplied for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug). For Hasselblad 500EL/M.

56022

56103 Recharge unit III

With this unit, batteries can be recharged in the Hasselblad 500EL/M or the battery compartments 46337 and 43133. The unit is connected via connecting cord LK 150 46019 or LK 500 46027 and has a timer which can be preset up to 14 hours, the charging time necessary for a completely discharged battery. If two batteries are charged simultaneously, the charging time is 28 hours. When the preset charging time has elapsed, normal charging current is reduced to a trickle current. The camera can be continuously connected to an AC power source via this unit, when the camera is set up for stationary use (continuous charging), for example. A socket is provided for triggering the camera with release cord SK 150 46086. Supplied for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug). For Hasselblad 500EL/M.

56103

46337 Battery compartment 3

The battery compartment is used together with recharge units I and III when recharging 56081 nickel-cadmium batteries outside the 500EL/M camera body. Two batteries can be recharged simultaneously so there is no need to tie up the camera for this task.
Estimated time of delivery: middle of 1981
The Hasselblad 500EL/M can also be powered directly from battery compartment 3 if the camera's motor housing panel is replaced by the special panel 46280 or 46299 included in the power supply unit. Attachment is made with the LK 150 46019 connecting cord. For Hasselblad 500EL/M.

46337

46019 Connecting cord LK 150
46027 Connecting cord LK 500

Connecting cords LK 150 (5 ft long) and LK 500 (16 ft long) are mainly intended for connecting recharge unit III to the camera. They can also be used to extend release cord SK 150 46086. For Hasselblad 500EL/M.

46027

46302 Power Supply Unit (incl. chrome trim panel 46280)
46310 Power Supply Unit (incl. black trim panel 46299)

The Hasselblad power supply unit makes the Hasselblad 500EL/M independent of batteries when an AC power source is available. The set consists of an adapter and a motor housing panel in chrome or black. This panel replaces the battery cover on the camera. The unit is attached to the special socket on the panel via a 3 ft long cord which can be extended with the LK 150 46019 or LK 500 46027 connecting cords. Available in models for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug).
The motor housing panels can be ordered as separate items.
For Hasselblad 500EL/M.

46280

46299

46116 Release button

Normal hand-held shots are made using this release button. The button can be fitted to either of the camera's two front sockets. For Hasselblad 500EL/M.

46116

46043 Release cord FK   30
46051 Release cord FK 300
46078 Release cord FK 600

Release cords for connection to the front sockets of the Hasselblad 500EL/M are available in three lengths: FK 30 which is 1 ft long, FK 300 which is 10 ft long, and FK 600 which is 20 ft long. They are fitted with a release button and connector of Hasselblad design. A shock-proof sleeve protects the button from accidental release. For connection to either of the camera's two front sockets. For Hasselblad 500EL/M.

46051

46086 Release cord SK 150

This cord is 5 ft long and provided with a Hasselblad release button at one end and a standard five-pin plug at the other. The latter fits the camera's side socket or any of the connecting cords. Release cord SK 150 is used in connection with connecting cord DK 3000 46033 for remote, cord-triggered release of the camera. It may also be plugged into a special socket on recharge unit III, so the camera can be used while the batteries are being charged. For Hasselblad 500EL/M.

46086

46035 Connecting cord DK 3000

Connecting cord DK 3000 (100 ft long), coupled to release cord SK 150 46086, permits exposures to be made at great distances from the camera. Connectors have a bayonet catch for greater security. Two to seven DK 3000's may be interconnected to form a single, long release cord. However, the solid-state amplifier 46124 must be connected in circuit next to the camera when cord length exceeds 100 ft.
For Hasselblad 500EL/M.

46035

46124 Amplifier

When connecting cords longer than 100 ft are employed, the use of an amplifier becomes necessary. This solid-state amplifier should be connected between the camera and the first connecting cord.
For Hasselblad 500EL/M.

46124

56146 Remote radio

The Hasselblad 500EL/M can also be operated by remote radio. The transmitter is used to supply a triggering impulse. Equipment is frequency-modulated, making it especially insensitive to interference from other radio traffic. It is crystal-controlled and intended for a channel in the 27 MHz band. The crystal supplied can be replaced with a crystal for some other channel. Equipment range depends on the terrain and weather conditions but is approx. 1000 ft at unlimited visibility. Both transmitter and receiver have rugged black polystyrene cases. The transmitter is powered by eight 1.5 V cells. It has a battery check lamp, a release button, a release cord socket, swiveling telescopic antenna, and strap fastener. The receiver is attached to the accessory rail on a 500EL/M and is powered by the camera's battery. It also features a telescopic antenna.

Hasselblad remote radio equipment is supplied as a set consisting of:
56154 Radio transmitter
56162 Radio receiver
For Hasselblad 500EL/M.
This product is currently undergoing modification. Reintroduction estimated to commence end of 1981.

56154

56162

46272 Intervalometer III

The Hasselblad intervalometer III is a handy accessory used to provide the 500EL/M with exposure impulses at intervals from 2 s to 14 min.
This electronic intervalometer is powered by the camera's batteries. Connected to the camera's side socket with a type LK connecting cord.
For Hasselblad 500EL/M.

46272

56138 Command unit

This unit is designed for synchronous triggering of two to four Hasselblad 500EL/M cameras, all released with the same impulse signal. Cameras are connected by cords to connector receptacles at the front of the unit. Exposures can be made either directly at the unit (button release), or by cord, intervalometer or radio (connected to the top socket on the unit). Each of the four sockets has a warning light. A continuously lit red light means that the connected camera was not triggered, e.g. because the film ran out. More than four cameras can be exposed simultaneously by interconnecting several command units.
For Hasselblad 500EL/M.

56138

46132 Double handgrip

When the Hasselblad 500EL/M is used for special purposes, the double handgrip provides a firm and comfortable hold. In order to provide good balance when using accessories which may alter the camera's center of gravity, the grips and the camera attachment bracket are both adjustable. A release button built into the right-hand grip incorporates a safety catch to prevent accidental release.
For Hasselblad 500EL/M.

46132

56081 Battery 1
55026 Battery 2

Battery 1 should be a Varta 5/600 DKZ nickel-cadmium battery or an equivalent type battery without soldering tabs or battery terminals (approx. $1^3/_8 \times 2$ in) for the Hasselblad 500EL/M.
Battery 2 should be a Varta 5/225 DKZ nickel-cadmium battery or an equivalent type battery without soldering tabs for battery terminals (approx. $1 \times 1^3/_4$ in) for use in the battery compartment 2 to power the automatic diaphragm control unit.

56081   55026

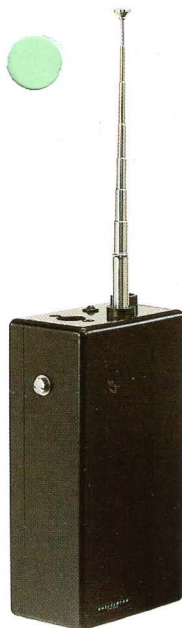56111

56111 Fuse

A 1.6 amps ($^3/_{16} \times ^3/_4$ in) slow blow fuse is used in the Hasselblad 500EL/M.

Automatic diaphragm control unit

In certain cases it may be impossible to make continuous manual adjustments in lens settings. The photographer can then use the Hasselblad automatic diaphragm control unit instead of trying to guess at an average exposure to set.

You simply set the film speed and an appropriate shutter speed. The diaphragm control unit's photocell then measures the light level and the unit rotates the aperture ring to the correct f/stop. Whenever the light level changes, the f/stop is quickly changed automatically by a servo motor controlled by the photocell. Automatic operation can also be disconnected for manual diaphragm setting in the ordinary manner.

The automatic diaphragm control unit is powered by the camera's battery when the unit is used with the Hasselblad 500EL/M and by battery compartment 2 with the battery compartment attached to the camera's accessory rail when used with a Hasselblad 500C/M or 2000FC. The battery can be recharged in the battery compartment with the Hasselblad recharge unit I or III.

The automatic diaphragm control unit is available for four lenses, either attached to one of them or as a separate unit for attachment to older lenses.

40347

40355

40371

40398

40347 Automatic diaphragm control unit mounted on 80mm Planar C f/2.8

Supplied with front lens cap 40509 and rear lens cap 50377.

40355 Automatic diaphragm control unit mounted on 100mm Planar C f/3.5

Supplied with front lens cap 40509 and rear lens cap 50377.

40371 Automatic diaphragm control unit mounted on 150mm Sonnar C f/4

Supplied with front lens cap 40509 and rear lens cap 50377.

40398 Automatic diaphragm control unit mounted on 250mm Sonnar C f/5.6

Supplied with front lens cap 40509 and rear lens cap 50377.

40401

40401 Automatic diaphragm control unit as assembly kit

This basic kit must be supplemented with one of the sets below for the respective lens. Supplied with front lens cap 40509.

40428 Assembly kit 80 for automatic diaphragm control unit on 80mm Planar C

40436 Assembly kit 100 for automatic diaphragm control unit on 100mm Planar C

40444 Assembly kit 150 for automatic diaphragm control unit on 150mm Sonnar C

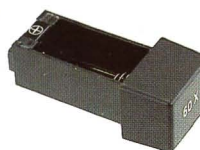### 40452 Assembly kit 250 for automatic diaphragm control unit on 250mm Sonnar C

46264

43133

43176

58025

58203

46264 Multiple connector

The automatic diaphragm control unit is connected to the side socket of the Hasselblad 500EL/M. When this socket is required for other connections, such as for an intervalometer or remote triggering by connecting cord or radio, the multiple connector is used to permit two simultaneous connections.

43133 Battery compartment 2

This battery compartment holds the battery 55026 powering the automatic diaphragm control unit when a lens with a mounted diaphragm control unit is used with the Hasselblad 500C/M or 2000FC. The battery can also be charged in the battery compartment using a Hasselblad recharge unit.

SPECIAL ACCESSORY FOR THE HASSELBLAD 2000FC

43176 Shutter speed multiplier

The shutter speed multiplier multiplies nominal shutter speeds on the Hasselblad 2000FC by a factor of 60. So a 1/30 s setting results in an actual shutter speed of 2 s, 1/15 s becomes 4 s, 1/8 s 8 s, 1/4 s 15 s, 1/2 s 30 s, and 1 s 60 s.

The shutter speed multiplier is inserted into the battery compartment receptacle instead of the battery cassette.

HASSELBLAD CASES

58025 Case 503

This case is primarily intended as an ever-ready case for the Hasselblad SWC/M but also makes an excellent case for the Hasselblad 500C/M or 2000FC with an 80mm Planar C or F lens. Made of soft durable leather, it is attached to the camera by the neck strap. The case has a zipper so the camera is ready for action in seconds.

Dimensions: approx. $7^1/_3'' \times 4^3/_4'' \times 4^1/_4''$
$(185 \times 120 \times 110 \text{ mm})$.

58203 Case 505

A rugged ever-ready case for the Hasselblad 500C/M or 2000FC with various lenses but no separate accessories. It is made of black leather and has a special connector for simple attachment and detachment of the camera. It will hold: a 500C/M with film magazine, knob with exposure meter and alternatively an 80mm Planar C, 100mm Planar C, or 60mm Distagon C with lens shade, or the 50mm Distagon C, 120mm S-Planar C, or 150mm Sonnar C without lens shade; a 2000FC with film magazine and alternatively an 80mm Planar F with lens shade, 110mm Planar F, or 150mm Sonnar F. C lenses fitted to the 2000FC in the same combination as for 500C/M above.

Dimensions: approx. $9^1/_2'' \times 5'' \times 4^3/_4''$
$(240 \times 136 \times 120 \text{ mm})$.

58211 Case 506

A soft black case made of rugged leather for the Hasselblad 500C/M or 2000FC. It holds the same combinations of camera, lens, and lens shade as case 505, 58203. The case is attached to the camera via a neck strap or carrying strap and is opened with a zipper.
Dimensions: approx. $9^3/4'' \times 4^1/4'' \times 4^1/2''$
$(250 \times 110 \times 115$ mm$)$.

58211

58238 Case 507

A soft black case made of rugged leather. It is taller than the case 506 and has space for a Hasselblad 500C/M or 2000FC with a meter prism finder, standard lens, and lens shade attached. It can also serve as a case for the 500EL/M. The case is attached to the camera via a neck strap or carrying strap and is opened with a zipper.
Dimensions: approx. $8^3/4'' \times 5'' \times 6^1/2''$
$(225 \times 130 \times 165$ mm$)$.

58238

58246 Case 521

An elegant and practical cowhide carrying case. It can hold a Hasselblad 500C/M, 500EL/M, or 2000FC with an 80mm Planar C or F lens, film magazines, and lens shade respectively. A movable partition in the case makes space for a meter prism finder attached to a 500C/M or 2000FC. The 50mm Distagon C or F and 60mm Distagon C lenses with lens shades, the 120mm S-Planar C, 150mm Sonnar C and F lenses without shades can also be packed instead of the 80mm Planar. There are also three compartments for accessory lenses, such as the 50mm or 60mm Distagon C, 110mm Planar F, 120mm S-Planar C, 150mm Sonnar C or F, and 250mm Sonnar C with lens shades, and compartments for a spare film magazine, small accessories, and rolls of film.
Dimensions: approx. $15'' \times 8^3/4'' \times 5''$
$(380 \times 225 \times 130$ mm$)$.

58246

58254 Case 525

A practical and convenient shoulder bag made of cowhide. Despite its small size, this case will hold a lot of equipment. A holder is provided for a 500C/M or 2000FC (even with the meter prism finder attached), or a 500EL/M plus standard lens and lens shade, or a 100mm Planar C, 110mm Planar F, or 60mm Distagon C. There is also space for two extra lenses, such as the 150mm Sonnar C or F, or 250mm Sonnar C, a spare magazine, some small accessories, and rolls of film.
Dimensions: approx. $10^3/4'' \times 9^1/2'' \times 6^1/4''$
$(270 \times 240 \times 160$ mm$)$.
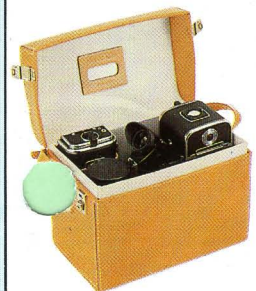
58254

58076 Case 518

A larger shoulder bag made of black cowhide, designed for e.g. a press photographer. It has special holders for two Hasselblad cameras. It also holds extra magazines, several lenses, viewfinders, film, etc. The case has a roomy outside pocket.
Dimensions: approx. $14^1/4'' \times 10^1/2'' \times 8^3/4''$
$(360 \times 265 \times 220$ mm$)$.

58076

58270 Case 712

A black Hasselblad case which holds a lot of equipment. The internal partitions, in the lid as well as in the case itself, are adjustable to allow cameras and accessories to be stored in various combinations. The photo shows one layout. Apart from the longest telephoto lenses, all the lenses can be kept in an upright position. A rubber gasket around the opening provides a weather-tight seal, protecting case contents against dust and rain. Ideal for tropical climates.
Weight: 10 lb 13 oz (4.9 kg).
Dimensions: approx. $18'' \times 15^1/4'' \times 7''$
$(455 \times 390 \times 180$ mm$)$.

58270

58289

58297

58300

58319

58327

58335

58343

Lens cases

The Hasselblad lens cases enable the photographer to keep and protect his lenses in the best way possible. These elegant leather cases are specially designed for each of the following lenses:

58289 Case for the 50mm Distagon C
58297 Case for the 60mm Distagon C
58300 Case for the 100mm Planar C
58319 Case for the 120 and 135mm S-Planar C
58327 Case for the 150mm Sonnar C
58335 Case for the 250mm Sonnar C
58343 Case for the 110mm Planar F and 150mm Sonnar F

59064 File 120/220/70

This Hasselblad film file provides an elegant solution to the problem of storing film. For 120 and 220 roll film and 70mm film. Each filing sheet has space for 12 film frames. Film is clipped into four-frame lengths and inserted into the sheet's numbered pockets. These files have the best possible storage qualities. They have been developed in cooperation with the Museum of Photography in Stockholm and the Swedish Institute for Testing and Metrology. Filing sheets are available in 50-sheet cartons. The cartons, which are labeled for storage identification, can hold 50 sheets containing film.
Sheet size: $10^1/2'' \times 10^3/4''$
          $(265 \times 275$ mm).

59064

HASSELBLAD BOOKS

The Hasselblad Manual

Ernst Wildi, technical manager of the Hasselblad American subsidiary, Victor Hasselblad Inc., has many years' experience of Hasselblad cameras. He has presented his broad knowledge of photography as a visiting lecturer (in 1980 he received an honorary professorship from East State Texas University) and through the traveling "Hasselblad School." He has now published a great deal of his material in "The Hasselblad Manual," a book full of practical tips on photography. A large number of black & white and color photographs complement and illustrate the text. (Focal Press)

Hasselblad

A book by Evald Karlsten about Dr. Victor Hasselblad, his life and work. "Hasselblad" is illustrated with numerous pictures from family and company archives, some of the best bird pictures taken by the photographer and devoted ornithologist Victor Hasselblad, as well as a few of the classic space photographs from the 60's and 70's. The book also presents a picture cavalcade where both famous and unknown photographers from all over the world pay their tribute to one of the great men in the history of photography. 116 pages.
(Gullers International ab)

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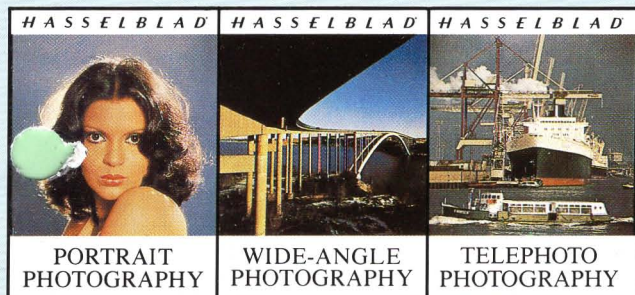
Hasselblad House Magazine

The Hasselblad House Magazine is a forum for Hasselblad photographers all over the world. It is published in 3 languages, English, German, and Swedish. The Magazine presents the best work of leading photographers. The full-page photos in color and black & white are often accompanied by entertaining and informative articles by and about the people who took the pictures. You also get the latest news about the Hasselblad system, technical information and tips from other Hasselblad owners. No less than 36 feature-packed pages four times a year, right in your mailbox!
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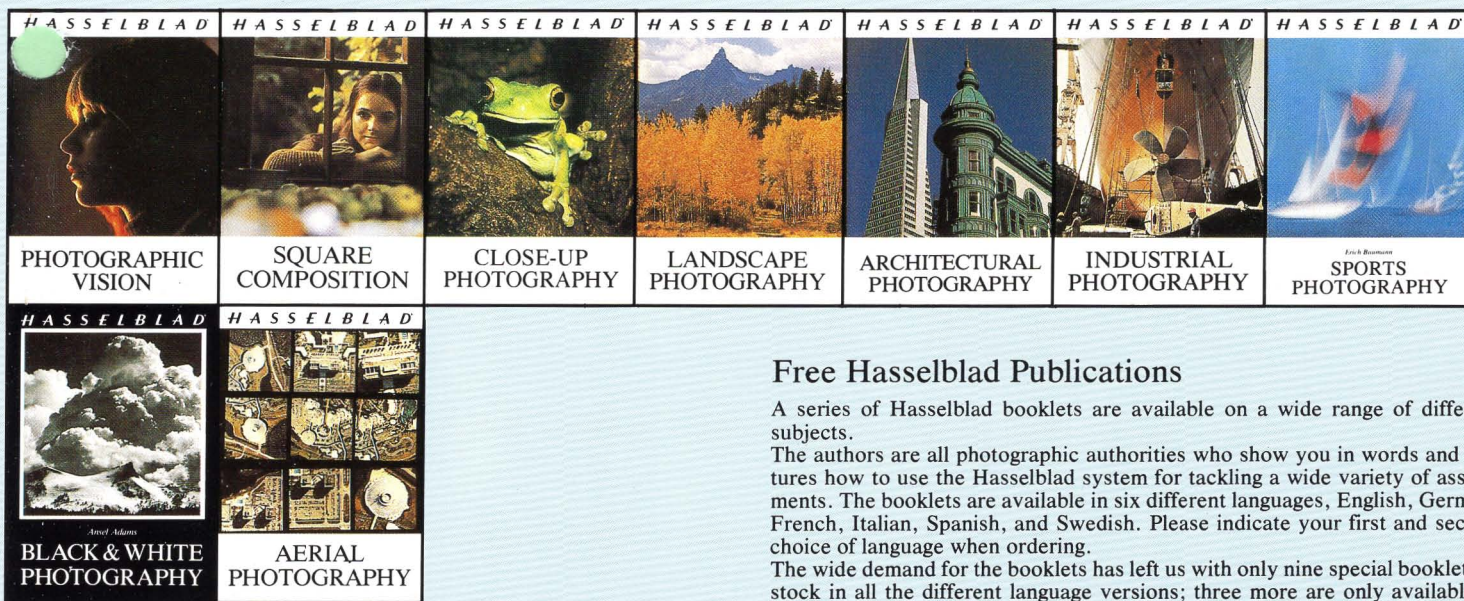
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Free Hasselblad Publications

A series of Hasselblad booklets are available on a wide range of different subjects.
The authors are all photographic authorities who show you in words and pictures how to use the Hasselblad system for tackling a wide variety of assignments. The booklets are available in six different languages, English, German, French, Italian, Spanish, and Swedish. Please indicate your first and second choice of language when ordering.
The wide demand for the booklets has left us with only nine special booklets in stock in all the different language versions; three more are only available in English. Stocks are due to be replenished, but we will be pleased to send you any booklet we have on hand free of charge. Just fill in the coupon. Don't forget your name and address.

500EL/M

SWC/M

2000FC

500C/M