

## HASSELBLAD 500 SERIES CAMERA MODELS

All Hasselblad cameras in the 500 Series, the 500/501/503 and 500/553/555 motordriven EL models are identical in the interchangeability of components and the possibilities in the use and operation of lenses and magazines. All are single-lens reflex models with the mirror returning into the viewing position when the film is advanced. The cameras are designed to use leaf shutter lenses. A rear auxiliary shutter in the cameras will protect the film from light during viewing and lens changing.

The 500C and 500EL cameras made prior to 1970 are identical to the 500CM and 500ELM models in design and features with the exception that they do not have the interchangeable groundglass screens. The engravings on the camera bodies were not changed immediately. For some time, 500CM and 500ELM cameras were produced with 500C and 500EL engravings. To verify whether your 500C or 500EL camera may be an M model, remove the viewfinder and check whether the camera has two focusing screen-retaining clips found on the newer models. All 500C and CM cameras, the Classic, and 501 and 503 models have completely mechanical, totally battery independent operation.

### HASSELBLAD CLASSIC

The Classic kit has a camera body identical to the 500CM but with a microprism/grid focusing screen.

### HASSELBLAD 501C

The body is the same as 500CM but does not have a removable winding crank. The lack of a removable crank is no disadvantage since the accessories that fit on the original models, such as the winding knob with exposure meter, are no longer available. The 501C camera was only available in black trim and was supplied with a 2.8/80mm Planar lens engraved C. The optical and mechanical design of this lens, however, is identical to the CF type with the exception that it does not have the F setting and the interlock between aperture and shut-

ter-speed ring. The lens can be used on focal plane shutter cameras (except for the 202FA model), making the exposure with the shutter in the lens. The 501C camera was also supplied with the bright Acute-Matte focusing screen.

### HASSELBLAD 501CM

The 501CM camera model is equipped with the CB2.8/80 mm Planar lens and available in both black and chrome trim. The CB line of lenses is similar to the CFI line but lacking the F setting and the interlock between aperture and shutter-speed ring. The 501 CM is the 501C but has the new Gliding Mirror System (GMS) that shows the entire image on the focusing screen with virtually all lenses and all accessories. On other 500 models with the original mirror movement, the shorter mirror causes slight vignetting (image cutoff) on top of the viewfinder image with lenses longer than 120 mm or when extension tubes or bellows are used. This vignetting is only in the finder, not on the film.

### HASSELBLAD 503CX

The 503CX camera comes with the Acute-Matte focusing screen and is equipped with the automatic dedicated flash system that measures the light off the film plane. The measuring cell is located inside the camera body.

### HASSELBLAD 503CXI AND 503CW

These two cameras have a completely new winding crank design making it possible to attach a removable motor winder (Winder CW) to these camera models. The winder has two infrared sensors for wireless camera operation. A remote release that works up to 33 feet (10 meters) is supplied with the winder. The motor winder is also designed for convenient carrying and handheld camera operation. (Please note the Winder CW cannot be used on 2000/2003 and 200 models). The 503CW camera also has the GMS.

## MOTORDRIVEN EL CAMERA MODELS

### THE 500ELX

This camera has the automatic dedicated flash system and a GMS that shows the full viewfinder image with all lenses and accessories. Like the earlier models, the 500ELX motor is powered by rechargeable NiCad batteries.

### THE 553ELX

This camera's motor is powered by five standard AA batteries instead of the NiCads used in the earlier models. The camera is supplied with the Acute-Matte focusing screen but is otherwise identical to the 500ELX.

### THE 555ELD

The 555ELD has a new heavy-duty motor powered by five AA batteries and a GMS with a mirror suspension similar to that in the Hasselblad space cameras. The camera also has the release mechanism that has been part of the NASA cameras for years. The camera is ideal for photography with film or electronic recording with a digital camera back. The rear of the 555ELD has integrated connectors that interface directly with digital backs, eliminating cable connections between camera and magazine. The camera also has two separate release ports in the front—one for photography with film, the other for digital work. An accessory IR Release unit can also be attached to the front of the camera. It is powered by camera batteries and is operated with the supplied IR remote control that works up to 33 feet (10 meters). The IR remote control only works on the 555ELD; it cannot be used on earlier EL models.