

H A S S E L B L A D



The Dual Format Rangefinder Camera



XPan your views on photography.

Think of it as a new way of seeing.

This Hasselblad camera uses regular 35 mm film and lets you switch between normal 35 mm format and full panorama format as many times as you wish, without changing film.

But instead of masking the film to achieve a "panorama effect" it expands the image format and produces an image width equal to that of a 6x7 cm medium format camera. Thus, every exposure utilizes the full area of the film and all your images, irrespective of format, provide the same superior quality.

No other camera does this.

Imagine the freedom of a dual format camera that combines the user-friendliness of modern 35 mm technology with Hasselblad quality and reliability. A camera that covers virtually all applications and gives you new creative scope.

With this concept Hasselblad adds a new dimension to photography, creating a bridge between the convenience of the 35 mm format and the inherent image quality of the medium format.

The camera is the new Hasselblad XPan.

XPan your views on cameras.

The Hasselblad XPan is a creative camera for 35 mm film. Its dual format concept enables you to add your own personal touch – that little extra input – to your images, whether landscape or portrait format.

It's a Hasselblad.

The Hasselblad XPan is true to Hasselblad's classical values. It combines a solid construction with features such as TTL autoexposure metering and autowind. Two lightweight and extremely compact medium format lenses have been specially designed for the Hasselblad XPan. They are interchangeable and offer excellent coverage and the razor-sharp image quality expected from Hasselblad. A unique and bright viewfinder, LCD displays and other top quality professional features are naturally included.

It's unique.

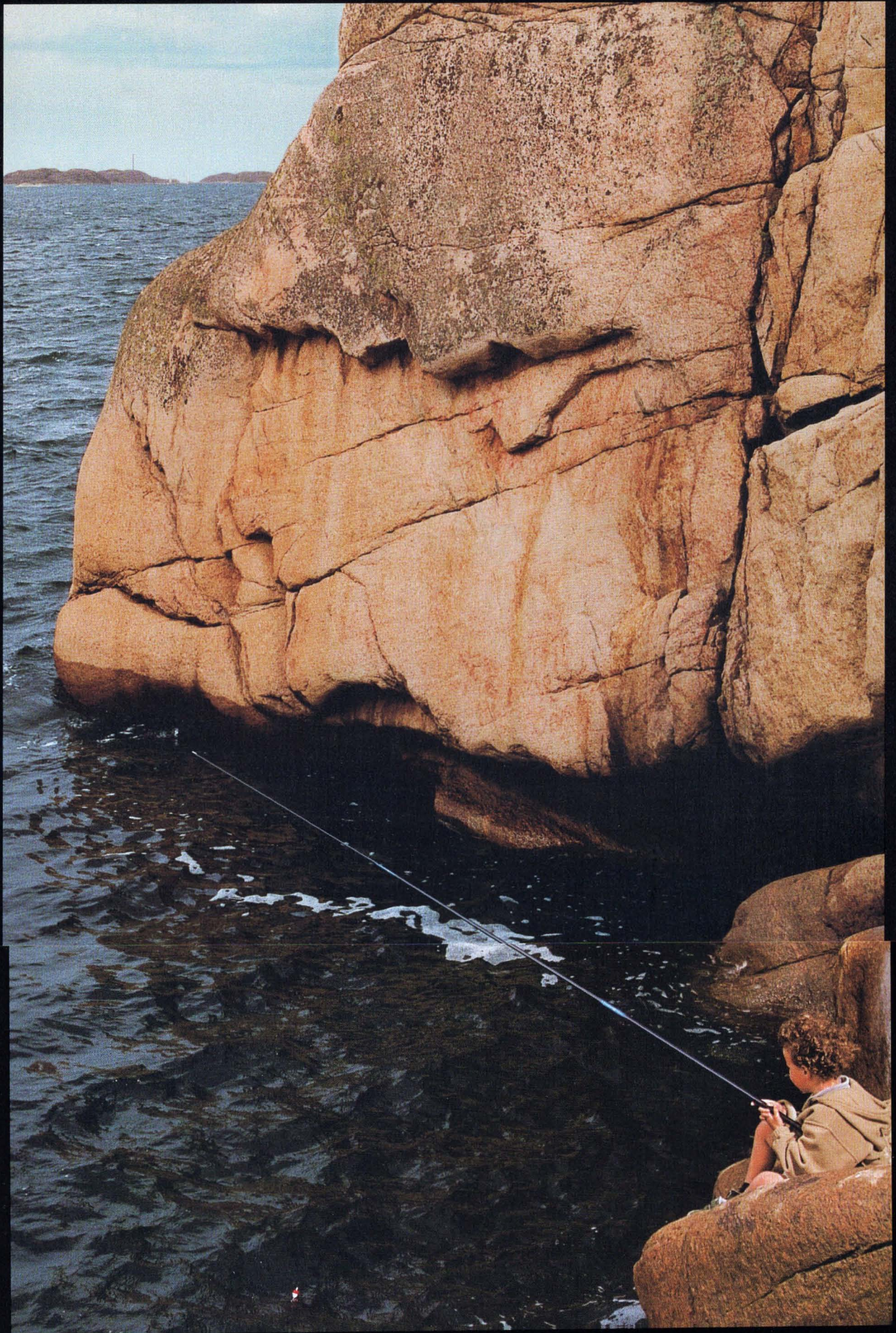
Unlike any other camera, the Hasselblad XPan utilizes the full area of the 35 mm film for both panorama 24x65 mm images and ordinary 24x36 mm images. This gives you a panorama negative 2.9 times larger than other 35 mm panorama cameras and 5.2 times larger than the corresponding APS negative! This true panorama technology guarantees optimum image quality. And of course, you are free to mix the two formats in any order on the same roll of film without any waste of film.

It's sturdy.

The entire concept of this compact and heavy-duty rangefinder type camera embodies new thinking in camera design. Its prestigious outer shell is made from titanium and aluminium to withstand many years of hard treatment.

It's for you.

If you value quality, versatility and exclusivity, this camera is for you. This is not an ordinary camera. It will definitely change the way you think about cameras.





Camera body

The Hasselblad XPan has a compact and ergonomically designed camera body. It is robustly built from titanium and aluminium, partly clad with rubber to sit comfortably in the hand and withstand tough use for many years. Its relatively low weight – around 950 g with the 45 mm lens – makes the Hasselblad XPan a perfect tool for both the professional photographer and the discerning amateur.

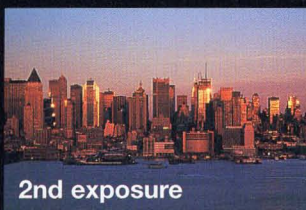
Viewfinder

A bright viewfinder and coupled rangefinder ensure optimal viewing and focusing. Viewfinder format information is adjusted automatically according to the focal length of the lens and the chosen format. It also incorporates automatic parallax adjustment for close shots.

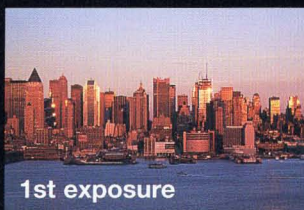


Lenses

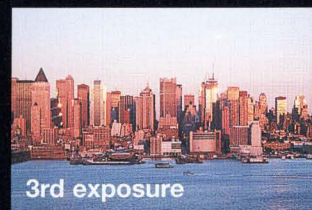
The full panorama format is made possible by the large image circles of the two interchangeable 4/45 mm and 4/90 mm lenses. These light and extremely compact medium format lenses offer razor-sharp image quality and excellent coverage. Multicoated glass elements ensure top quality results, providing brilliant contrast and full tonal scale. Both lenses have a rear bayonet fitting for camera attachment and a front bayonet fitting for the lens shade.



2nd exposure



1st exposure

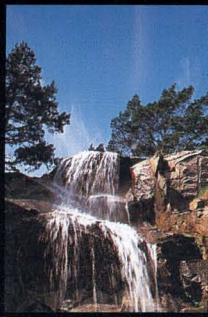


3rd exposure

Auto bracketing

The auto bracketing function automatically produces three exposures in rapid succession in 0.5 or 1 step variations over and under the set exposure.





Dual format

It only takes the flick of a switch to activate the outstanding dual format facility. The Hasselblad XPan uses 35 mm film to produce the standard 24x36 mm format as well as the 24x65 mm full panorama format. It is the first and only 35 mm dual format camera in the world that expands the format to achieve full panorama size. This width is equivalent to the medium format with its inherent image quality.

Hasselblad XPan, 24x65 mm

Masked 35 mm, 15x36 mm

APS, 10x30 mm

The Hasselblad XPan does not mask the film for its panorama images. Instead, it expands the image format, utilizing the full area of the 35 mm film. So you get a panorama negative 2.9 times larger than other 35 mm panorama cameras and 5.2 times larger than the corresponding APS negative! This true panorama technology is your guarantee for optimum image quality.

Exposure control

The TTL exposure metering is measured at the shutter position. It is centre-weighted and averaged to produce an automatic aperture-priority system with manual override. An LED display in the viewfinder provides the information together with the LCD panel on the camera back. Exposure can be single or continuous with a frame rate of three 24x36 mm

frames or two panorama frames per second. Release by button, cable or self-timer.

Film loading and transport

After being inserted, the whole film is automatically withdrawn from the cassette. As the film is exposed it is rewound into the cassette, frame by frame. This valuable feature cleverly protects the exposed section of the film, even if the camera is opened by accident. Film wind-on and final rewind are automatic. There is an auto DX code sensor for ease of use and a manual ISO override facility for film speed adjustment.



External LCDs

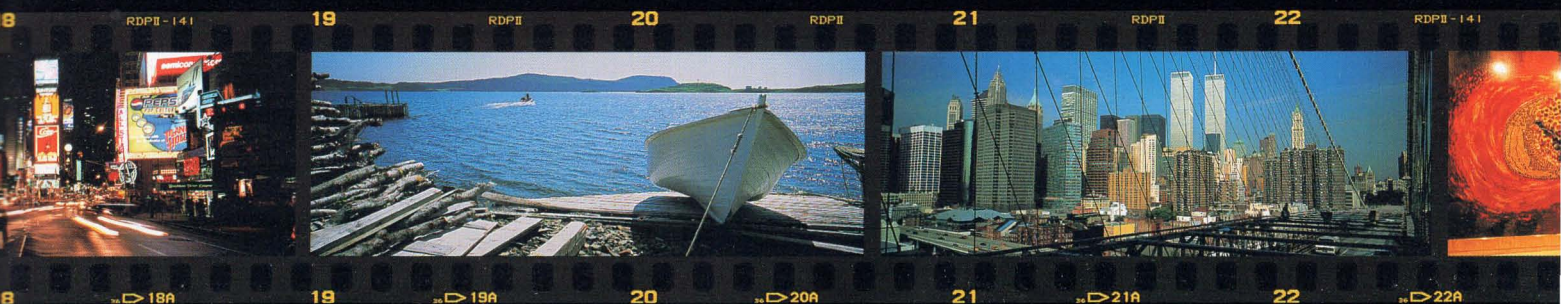
Information concerning shutter speed, total exposure history, ISO setting, auto bracketing and battery status is provided on the LCD on the camera back. A smaller exposure-counter LCD is located on the top plate of the camera showing the number of exposures remaining according to the chosen format. It also acts as a format indicator. Both LCDs can be back lit.

Standard accessories

A hot-shoe as well as a standard flash socket are provided for flash attachment with shutter sync from B - 1/125 s. A handy spirit-level, also supplied with the camera, slots into the hot-shoe for extra accurate work. The included quick-coupling plate makes it simple to connect the camera to your tripod utilizing the Hasselblad Quick-coupling S (optional accessory).

Developing and printing

Most professional photo laboratories and a growing number of mini-laboratories can develop and print Hasselblad XPan films.



Hasselblad XPan

Technical Specifications.

Camera type

Coupled rangefinder with interchangeable lenses.

Design

Titanium and aluminium camera body.

Lenses

Hasselblad 4/45 mm: bayonet fitting, f/4–f/22, 6 groups, 8 elements, focusing range 0.7–∞ m, filter Ø49 mm. Angle ≈ 25 mm lens in 35 mm camera terms when camera set at panorama format.

Hasselblad 4/90 mm: bayonet fitting, f/4–f/22, 7 groups, 9 elements, focusing range 1.0–∞ m, filter Ø49 mm. Angle ≈ 50 mm lens in 35 mm camera terms when camera set at panorama format.

Viewfinder

Bright frame viewfinder (ambient light), automatic parallax compensation, automatic normal/panoramic switch over via selector dial, automatic magnification switch over according to lens fitted (0.45x with 45 mm lens, 0.66x with 90 mm lens), integral LCD exposure metering indications. Field of view 85% or more. Dioptre correction lenses (-4D–+2D) available.

Focusing

Lens helicoid interlocked to coupled rangefinder.

Film transport

Pre-wind type, automatic positioning according to format, automatic wind-on, automatic rewind. Single-frame and continuous.

Film type

35 mm.

Format

24x36 mm and 24x65 mm.

Frames per film

36, 24 and 12 frames in normal format or 20, 13 and 6 frames in panorama format from 36-exposure, 24-exposure and 12-exposure cassettes respectively.

Exposure counter

LCD. Automatic. Also shows remaining frames for both formats. Back lit. Panorama format indication. Special mode provides full exposure history.

Shutter

Focal plane shutter, 8–1/1000 s, flash synch from B–1/125 s. Activated by button or cable release socket. EV1 step control on manual, EV1/12 step control on automatic, self-timer with 10 s delay.

Exposure control

TTL measured at shutter plane, centre-weighted averaging system, aperture priority automatic/manual switch over, ISO25–3200 sensitivity, ± EV1/3 accuracy, EV4 (f/4)–19 (f/22) (ISO100) working range.

Exposure compensation

± EV2 at EV1/2 step intervals.

Auto bracketing

EV1/2 or EV1 step intervals. Order: standard, under, over.

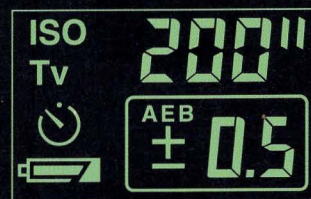
Film speed

Auto DX setting and manual setting.

LCD information

Illuminated. ISO, time value, auto bracketing, self-timer, battery check, total exposure history.

Camera back LCD:



Camera top LCD:



Batteries

2 x CR2 (6 v total).

External dimensions

Camera body: length 51 mm (2.04"), width 166 mm (6.64"), height 82 mm (3.28").
45 mm lens: length 47 mm, Ø60 mm.
90 mm lens: length 73 mm, Ø60 mm.

Weight

Body: 720 g (25.2 oz) (without batteries).
45 mm lens : 235 g (8.23 oz).
90 mm lens : 365 g (12.7 oz).



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