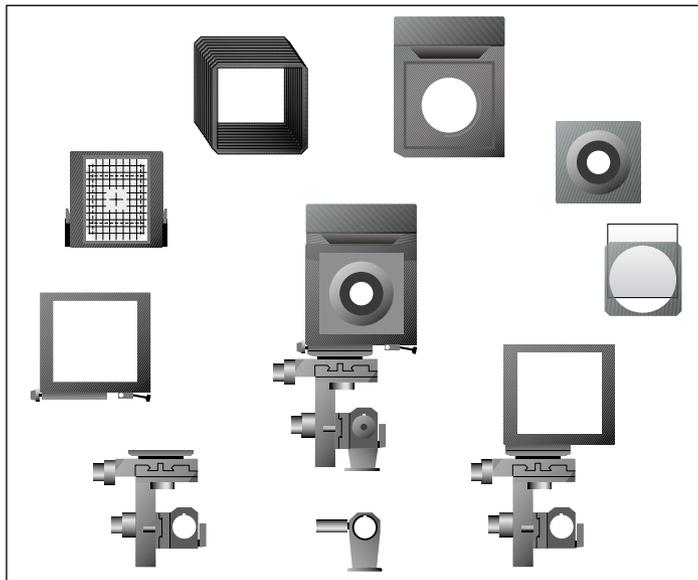


Transforming Ideas into Images



The professional photographer's job is becoming ever more demanding. His client expects innovative interpretations of ideas. Not only must these interpretations reflect prevailing trends, they must also conform to an established budget. And they must meet high expectations of quality. No two assignments are alike.

The need for flexibility already begins with the choice of the imaging medium. Depending on the nature of the assignment, the client may require images on rollfilm, sheet film, and increasingly on digital storage media.

Photography is writing with light and transforming ideas into images. The art consists of the skilled manipulation of light and shadows, the judicious application of sharpness and unsharpness and the creative choice of perspectives. Time constraints and technical limitations are the only restrictions on creativity and they sometimes become obstacles in the path to perfect photographs.

The evolution of 50 years of studio work, backed by innovative research and development has shaped today's Sinar System. The introduction of extremely versatile system components eliminated technical barriers in a revolutionary way and step-by-step opened new freedoms for creativity.

The Sinar Quality Chain

Every chain is only as strong as its weakest link. That motivates Sinar to pay special attention to the optimal compatibility of individual components with each other and to the uncompromised quality of each and every system element.

This guarantees the photographer that wonderfully reassuring confidence in the reliability of his camera. Individual camera and accessory components are designed to work smoothly with each other and without any impairment to handling. All cameras in the Sinar line of products are of equally high quality and, depending on the

composition of the outfit, they can be used for the greatest variety of assignments. Thus Sinar always equips the photographer with the ideal tools for transforming ideas into images quickly and perfectly.

The Modular System

The Sinar system was designed in such a way that the various camera models and accessories can be combined in numerous configurations. This enables the photographer to assemble exactly the right camera outfit that is optimally tailored to the assignment at hand.

Basic models of Sinar cameras:

- The first choice in the range of purely mechanical cameras is the **Sinar p2**. Thanks to its refined design, settings and focusing with the Sinar p2 can be accomplished faster than with any other camera. Not only does this save precious time, it also provides significant gains in precision. This model too, can be adapted for use as a digital camera.

- **The Sinarx** camera is available as a more affordable variation of the Sinar p2 that features the same robust construction and ease of use of the highly precise adjustment capabilities, but which deliberately omits certain other features.

- **The Sinarf1** and **f2** cameras are excellent as entry cameras for large format photography and as ideal cameras for outdoor photography. They are lightweight and

affordable, and their components are, of course, fully system-compatible.

- In conjunction with its digital imaging backs, Sinar offers a range of **Adapters** (see the Sinar digital catalogue entitled "Digital Performance"). These adapters and adapter kits make it possible to use the most popular

professional digital backs and the Sinarback on Sinar Cameras and on the most important medium format cameras.

- For professional digital photography in the studio, we recommend the compact **Sinarcams**, which provide an efficient way of working:

The Sinarcam2 for the Sinarback digital back can be used on its own as a compact studio camera and it can also be used in conjunction with Sinar p2 and Sinar x view cameras. The Sinarcam1 for the Leaf Volare and the Sinarcam3 for the Leaf Cantare digital back can also be used on their own as compact studio cameras, or they can be used in combination with a Sinar p2 camera.

Up-to-date Accessories

The convenience of the modular system is the fact that practically every individual component of the Sinar System can be used with every Sinar camera model. The line of accessories is constantly being expanded with new items, which can, of course, also be used with older Sinar cameras. For example, the versatile Sinar Rollfilm Holder Zoom2 with adjustable format masks, or the Expolux Shutter System.

Exposure metering probes permit quick determination of the correct exposure and they supply data for optimal contrast in the original for printing. The modern proprietary Sinar digital back, the Sinarback, in its various variations and with its ample range of accessories, can also be adapted with ease at any time.





The Sinar p2

SINAR p2 4x5"/10x12.5 cm

491.76

Adjustment ranges:

Adjustment	
vertical:	↑ 4 cm, ↓ 4 cm
horizontal:	← 3 cm, → 5 cm
Coarse tilt:	± 45°
Fine tilt:	± 19°
Swivel:	± 50°
Fine focus:	5 cm
Bellows extension with Multipurpose bellows:	4 cm to 45 cm

SINAR p2 5x7"/13x18 cm

491.77

Adjustment ranges:

Vertical adjustment	
Rear standard:	↑ 5 cm, ↓ 2 cm
Front standard:	↑ 4 cm, ↓ 4 cm
Horizontal adjustments	
Rear standard:	← 5 cm, → 4 cm
Front standard:	← 3 cm, → 5 cm
Coarse tilt	
Rear standard:	± 30°
Front standard:	± 50°
Fine tilt:	± 19°
Swivel:	± 50°
Fine focus:	5 cm
Bellows extension	
with tapered bellows:	4 cm to 45 cm
Weight:	6,8 kg (15 lb)

SINAR p2 8x10"/20x25 cm

491.78

Adjustment ranges:

Vertical adjustment	
Rear standard:	↑ 5 cm, ↓ 0 cm
Front standard:	↑ 4 cm, ↓ 4 cm
Horizontal adjustments	
Rear standard:	← 6 cm, → 2 cm
Front standard:	← 3 cm, → 5 cm
Coarse tilt	
Rear standard:	± 20°
Front standard:	± 50°
Fine tilt:	± 19°
Swivel:	± 50°
Fine focus:	5 cm
Bellows extension	
with tapered bellows:	5 cm to 71 cm
Weight:	8,2 kg (18 lb)

Consists of:

411.41 Rail Clamp 2
422.21 Basic Rail 12"/30 cm
429.21 2 Rail Caps
431.51 Front Standard p2
433.26 Carrier Frame 4x5"/10x12.5 cm
433.51 Bearer p2
454.11 Multipurpose Bellows 4x5"/10x12.5 cm
462.16 Metering Back 4x5"/10x12.5 cm
531.41 Lensboard Holder

Weight: 5.9 kg (13 lb).

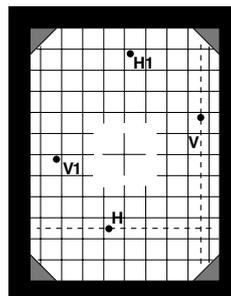


SINAR p2 4x5"/10x12.5 cm



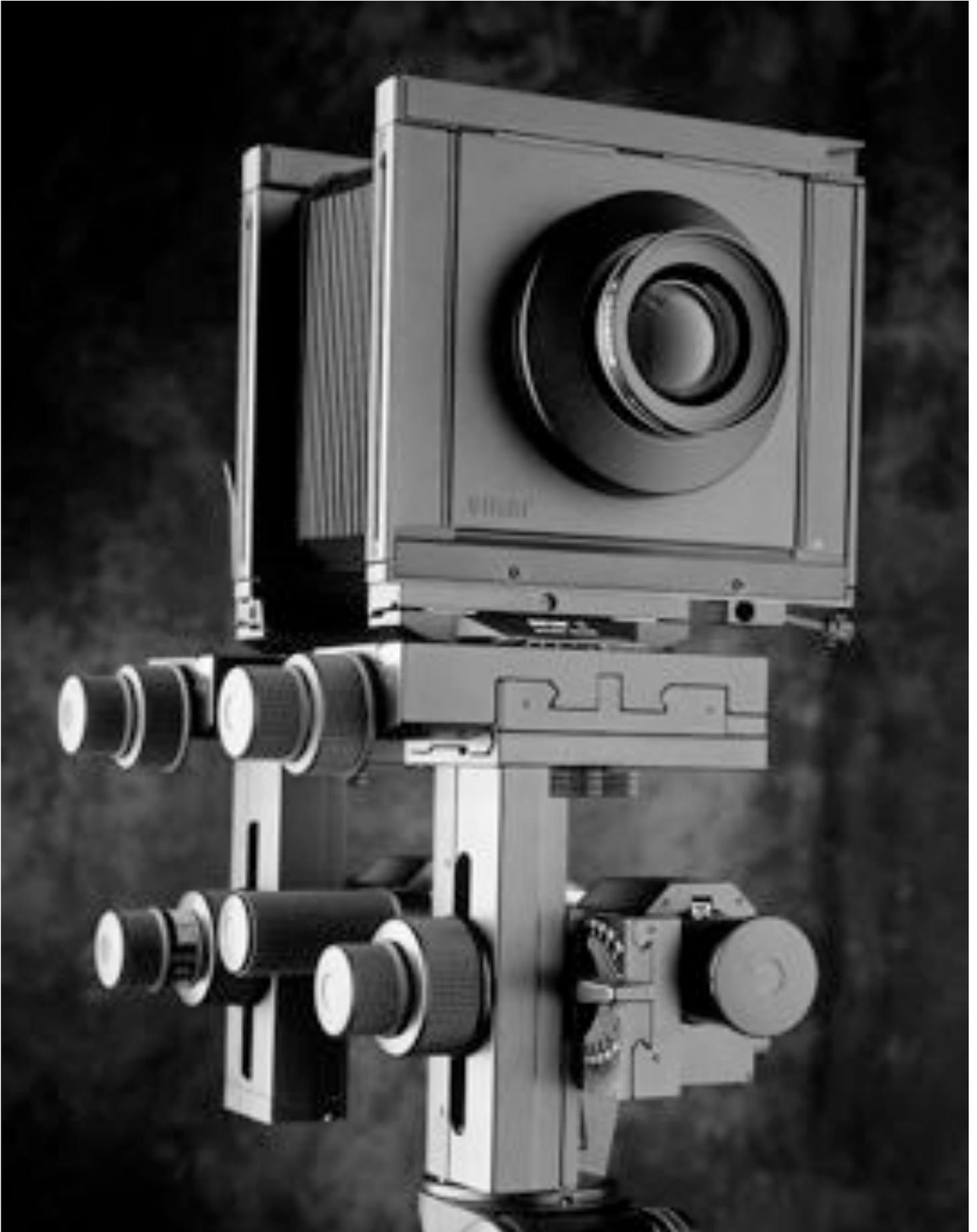
Sinar p2: The easiest sharpness compensation, made possible by asymmetrical swing/tilt axes

In terms of technical capabilities, the Sinar p2 camera represents the leading edge of today's camera technology. It gives the photographer purposeful adjustment capabilities that are based on well thought out and very precise mechanisms. That precision and the sturdiness is particularly important when a digital back is being used. With the asymmetrical swing/tilt axes, sharpness compensation can be accomplished swiftly and with great accuracy.



Even with double sharpness compensation, the camera always remains in the correct position (free of sway), there is no need for tilting anything out of the way or for any readjustments.

1. An image point is focused on the horizontal (H) or the vertical (V) swing/tilt axis.
2. Now focusing is performed on the other axis, i.e. over the entire image area, using the fine drive knob, and presto: it is done! If necessary, the inclination obtained in this manner with the swing/tilt axis can be transferred to the front standard in order to retain the same perspective.



The Sinar x

SINAR x 4x5"/10x12.5 cm

491.66

Consists of:

- 411.21 Rail Clamp 1
- 422.21 Basic Rail 12"/30 cm
- 429.21 2 Rail Caps
- 431.71 Front Standard x
- 433.76 Rear Standard x 4x5"/10x12.5 cm
- 454.11 Multipurpose Bellows 4x5"/10x12.5 cm
- 461.36 Holder/Focusing Back 4x5"/10x12.5 cm
- 531.41 Lensboard Holder

Weight: 5.8 kg (13 lb).



Adjustment ranges:

Adjustment	
vertical:	↑ 4 cm, ↓ 4 cm
horizontal:	← 3 cm, → 5 cm
Coarse tilt:	± 40°
Fine tilt:	± 19°
Swivel:	± 50°
Fine focus:	5 cm
Bellows extension with	
Multipurpose bellows:	4 cm to 45 cm



The Sinar x: A cost-efficient high-end view camera

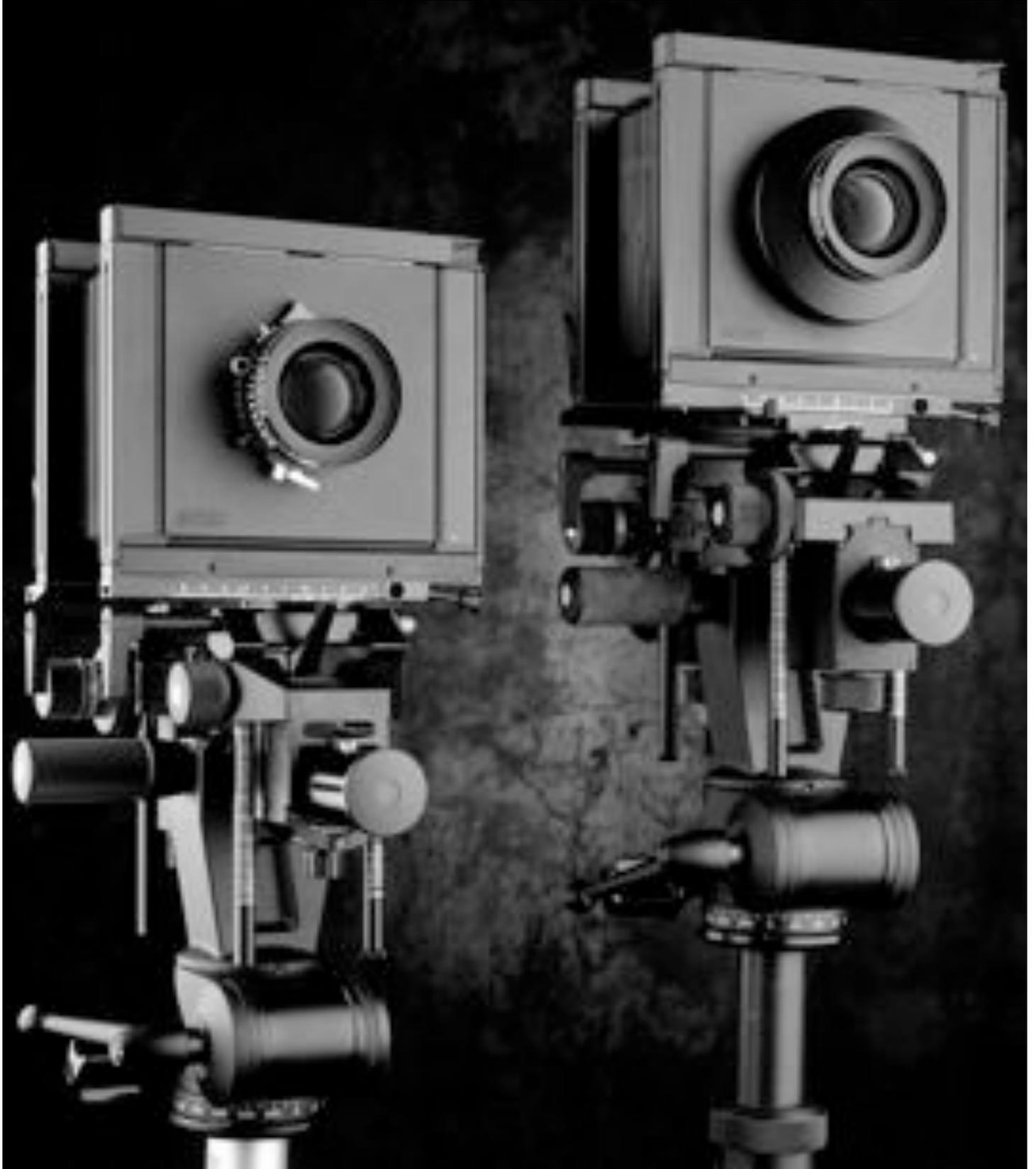
For studio photography in the 4x5" format, the Sinar x camera is a cost-efficient alternative to the outstanding Sinar p2 camera, performing all the functions with equal perfection, but deliberately dispensing with some of the operating amenities.

The TTL Metering Back, for instance, is not included in the basic outfit, but it remains an option that can be added later. As in the Sinar p2 camera, all fine drives are self-locking, so that a separate locking device is unnecessary, significantly enhancing focusing accuracy. All that is needed is a slightly stronger turning motion than that required for adjusting the Sinar p2 camera.

The feature of adapting formats larger than 4x5" was also intentionally fore-

gone on the Sinar x camera. Modern digital backs with area CCD arrays, such as the Sinarback or the Leaf Volare, for instance, as well as digital camera scanners, can also be used without any problems on a Sinar x camera.

The asymmetrical swing/tilt capability for fast, optimal and accurate setting of the plane of sharpness is, of course, an integral feature of the Sinar x camera. As in every Sinar camera, finish and workmanship are perfect to the last detail, ensuring outstanding durability and value retention. The Sinar x camera provides the large format photographer with the best features at a favorable price: it is the perfect entry camera and it can be expanded at will within the Sinar modular system.



The Sinar f2

SINAR f2 4x5"/10x12.5 cm

491.96

Consists of:

- 411.21 Rail Clamp 1
- 422.21 Basic Rail 12"/30 cm
- 429.21 2 Rail Caps
- 431.61 Front Standard f2
- 433.66 Rear Standard f2 4x5"/10x12.5 cm
- 454.11 Multipurpose Bellows 4x5"/10x12.5 cm
- 461.36 Holder/Focusing Back 4x5"/10x12.5 cm
- 531.41 Lensboard Holder

Weight: 3.6 kg (8 lb)



Adjustment ranges:

Vertical adjustment: \updownarrow 11 cm

Horizontal adjustments

Rear standard: \leftarrow 4 cm, \rightarrow 2 cm

Front standard: \leftarrow 5 cm, \rightarrow 3 cm

Coarse tilt: \pm 40°

Swivel: \pm 50°

Fine focus: 4 cm

Bellows extension with

Multipurpose bellows: 4 cm to 45 cm



Sinar f2: Expansion is possible at any time

A special characteristic of the Sinar f2 is its light weight, which makes it an ideal large format camera for assignments that require travel. Because of its attractive price, it also enables young photographers to embark on the Sinar System. If the camera is later converted into a Sinar p2, the components of the Sinar f2 can continue to be used as practical accessories within the Sinar Modular System.

The Sinar f2 is the most basic version. Nevertheless, with its angle scale dial and its depth of field scale, it already possesses the most important features for simple camera adjustments.

The front standard can be used as an intermediate standard after an expansion. Its rear standard is not equipped to accommodate the metering probe. Both, the front and the rear standard feature fine focusing knobs for precise sharpness control. In addition, the Sinar f2 can be equipped with a metering back as an accessory that makes it possible to use a metering probe at the film plane. This system of compatible components allows a gradual expansion of the camera outfit, beginning with the most basic f2, progressing all the way to a p2.