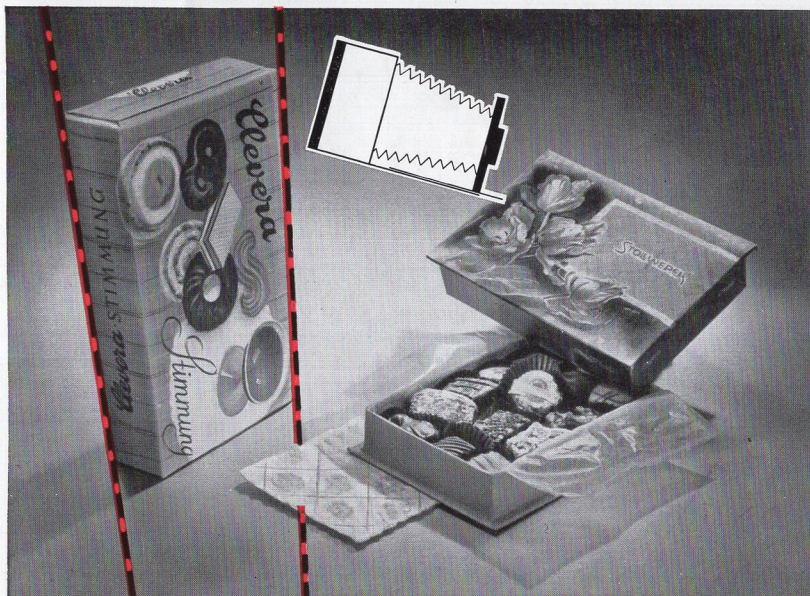


THE LINHOF TECHNIQUE

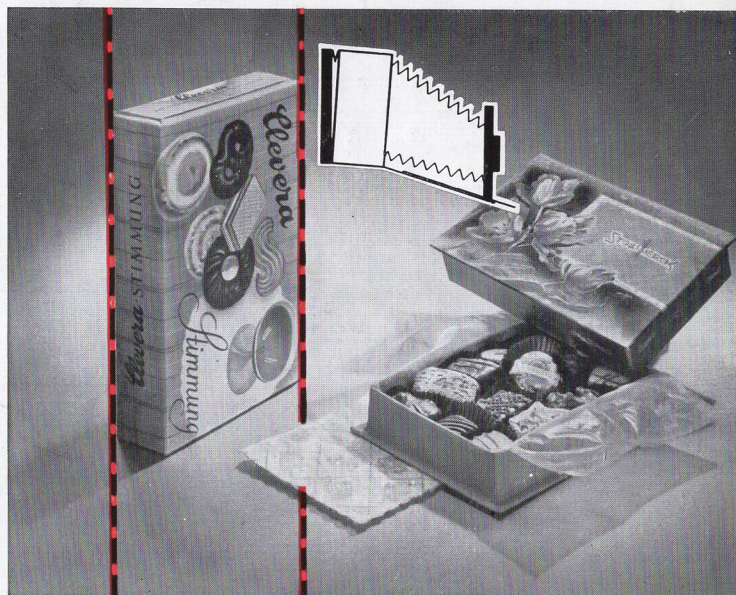
Data Sheet No.

2

Correction of Vertical Lines



If photographed with a non-adjustable camera from slightly above, the candy box would be reproduced in a very distorted manner.



For the picture above, back and front of the camera have been adjusted. Note the resulting correction of diverging lines.

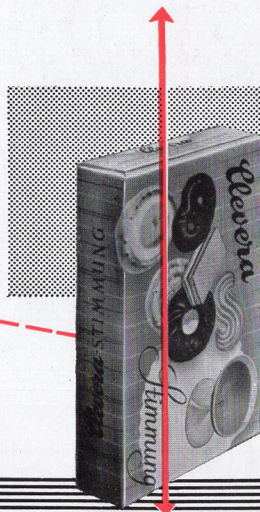
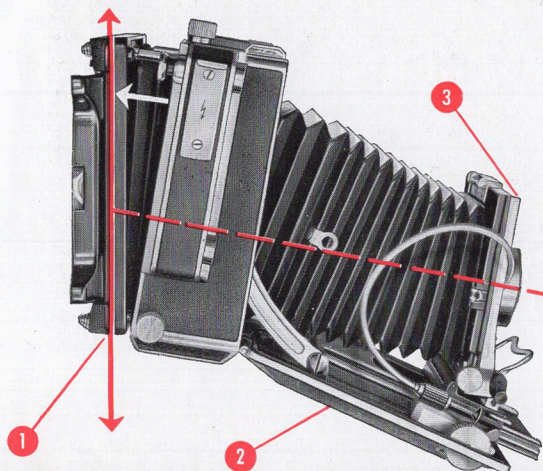
Wherever subjects with predominant vertical lines have to be photographed from slightly above, they will be reproduced in untrue perspective, i. e. all vertical lines will diverge if the camera itself is tilted downwards. — In commercial, industrial, and in scientific photography, however, it is often necessary to obtain a slight oblique view of the subject-matter, at the same time requiring all vertical lines to be parallel. The LINHOF TECHNIKA with its Swing Back, Drop Bed, and Adjustable Lens Standard gives the photographer the possibility to accomplish such photographic tasks in a perfect way.

If one or more vertical subjects are to be reproduced vertical, and parallel to each other, the film plane of the camera must be kept vertical. As a result, the image of any vertical rectangle in the subject which is parallel to the film plane will have an image in the film plane which is a similar rectangle.

The film can be kept parallel to the plane being photographed in either of the two ways: the lens itself may be lowered by means of the drop bed in conjunction with the adjustable lens standard. In some cases this will not be sufficient, and the entire camera may be tilted and the swing back adjusted to restore the film plane to the vertical.

The latter way of adjusting the camera is achieved as follows:

- Incline drop bed (2) until the struts rest into upper (second) notches.
- Tilt back lens standard (3) all the way.
- Swing out camera back (1) until it is parallel to the subject.
- Compose and focus on the groundglass.



True perspective in an oblique view can be obtained only if the film plane of the camera is kept vertical.

THIS, AND MUCH MORE CAN BE ACHIEVED WITH THE TECHNIKA



Foto: Rosenthal

The above picture shows a typical photograph as used for advertising. Note that despite of the extreme oblique view all vertical lines are parallel. This was achieved by using the swing back and the front adjustment of the camera, as described on the opposite side.