

the **STANDARD ENLARGING—REDUCING—COPYING CAMERA** *for*
Black and White Photography, Color Separations and Transparencies

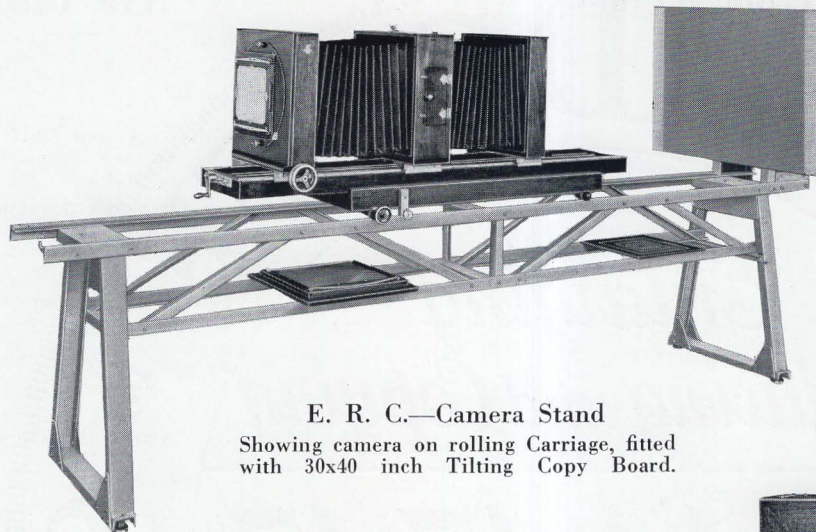
a rigid camera permitting accurate reproductions equipped with convenient controls
for efficient and rapid operation.

L. F. DEARDORFF & SONS, INC.

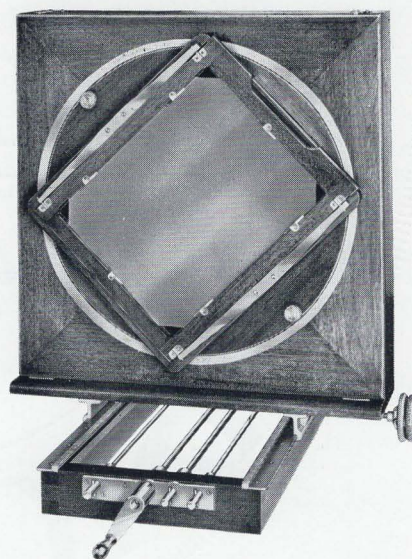
11 SOUTH DES PLAINES STREET, CHICAGO 6, ILLINOIS

DESIGNERS AND BUILDERS OF PRECISION CAMERAS AND STANDS FOR CORRECTIVE PHOTOGRAPHY

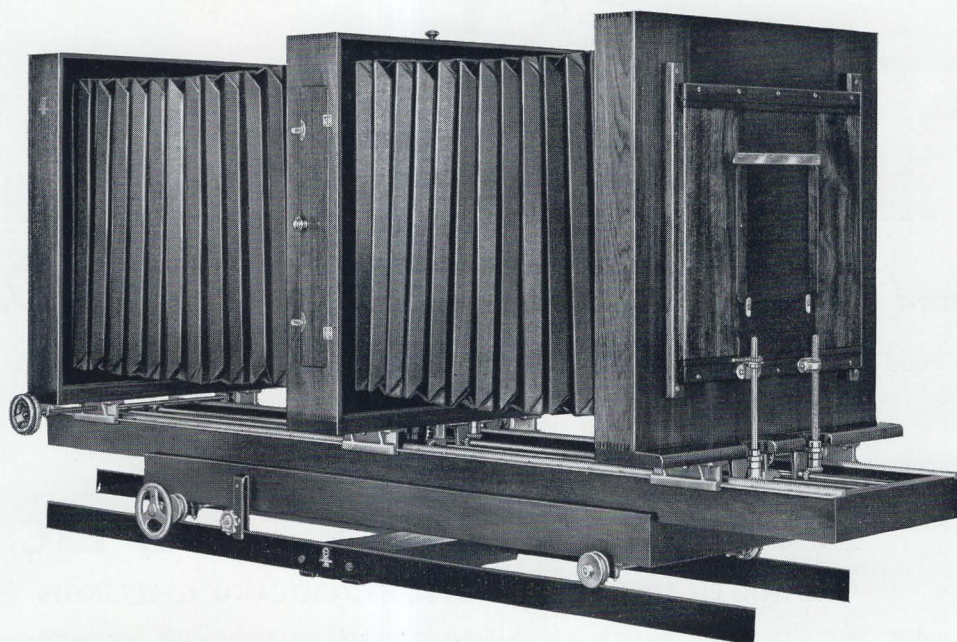
PRECISION ENLARGING REDUCING AND COPYING CAMERAS



E. R. C.—Camera Stand
Showing camera on rolling Carriage, fitted
with 30x40 inch Tilting Copy Board.



Revolving Adapter
Revolves 360 degrees. Accepts all Deardorff Reducing Camera Backs from 8x10 to 3 1/4 x 4 1/4 inches. Also accepts Reducing Sliding Carriages and Adapter Camera Backs.



Model C—E. R. C. Camera

DEARDORFF PRECISION ENLARGING REDUCING AND COPYING CAMERAS

14/14 — 17/17

SPECIFICATIONS

These Cameras are made of Central American Mahogany.

The Bed is single extension 6 feet long and is constructed of heavy Mahogany Rails and fitted with two or more cross braces, besides the ends, for greatest strength and rigidity. The ends are fitted with interlocking corners.

Attached to each Rail is a heavy Steel Rack extending the full length. Focusing is accomplished through Cut Steel Pinions mounted on Steel Rods operating with the Steel Racks, from three points; the Front, Center and Back Sections. This assures perfect alignment between these sections and the Copy Board.

These Cameras are made with three separate sections; Front, Center and Back. Each section is square and made with Interlocking corners. The Front Section contains the Raising, Lowering and Lateral Shifting Lens Board Frames. The Center Section is fitted with an Entrance Door for the insertion of the Lens Board Frame when making Reductions, and for making Transparencies. To the Back Frame is mounted the Spring Actuated Ground Glass Back. The Front Frame is made to receive kits for making Transparencies and Lantern Slides.

The Bellows are Extra Large and Square, made in Two Sections of 36 inches each and are screwed to the three wooden Frames.

The Bellows are made of heavy waterproof material, reinforced and lined with similar material making them light tight and very strong.

The Revolving Adapter for both the 14x14 and 17x17 Cameras reduces to 8x10 — 5x7 — 4x5 and 3¼x4¼ and accepts Reducing Sliding Carriages and Adapter Camera Backs.

These Cameras may be fitted with our Standard Ground Glass Spring Actuated Backs to take the standard cut Film Holders for 11x14 to 3¼x4¼ inclusive.

Both sizes of these cameras may be fitted with a Stayflat Back including a Double Stayflat Holder. This equipment is special and is made only to order.

MODELS

Model A. Completely hand operated by focusing wheels at the Front, Center and Back Sections. Rising, Lowering and Shifting Front operating at front of Camera only and supplied with heavy locking device.

Model A1. Completely hand operated by focusing wheels at the Front, Center and Back Sections. Rising, Lowering and Shifting Front centers the lens through the operation of rods and gears from the back of the camera bed.

Model B. Front and Center Sections focused through the rods and gears from Back of Camera bed and the complete mechanical movement of the Shifting Front from the same point.

Model C. Includes all of the mechanical movements of Model B but permits the Shifting Front to be mechanically operated when used in the Center Section.

CAMERAS

Size of Camera	Bellows Capacity	Kits
14x14 17x17	6' 6'	14x14 to 3¼x4 17x17 to 3¼x4

CAMERA BACKS

Reversible Backs		Backs for Revolving Adapters				Stayflat Backs Double Stayflat Holders	
Size of Camera	Size of Plate	Size of Camera	Size of Plate	Size of Camera	Size of Plate	Size of Camera	Size of Plate
14x14	11x14	14x14	8x10 8x10-3¼x4¼ 8x10-4x5 8x10-5x7	17x17	8x10 8x10-3¼x4¼ 8x10-4x5 8x10-5x7	14x14	11x14
17x17	11x14					17x17	14x17

CAMERA LENS BOARDS

Size of Camera	Description	Size of Board
All Sizes	Mahogany, made in three parts to overcome warping.	8x8

PACKARD SHUTTER ADAPTERS AND SHUTTERS

Size of Camera	Description
All Sizes	Accepts 4" opening No. 6 Packard Shutter, supplied with Tubing, Bulb, Pin and Lens Board

PRECISION COPYING STANDS FOR E. R. C. CAMERAS 10, 12 and 15 FEET

SPECIFICATIONS

The E. R. C. Camera Stands are constructed of steel, are extremely rigid and may be easily moved. The Carriage upon which the camera rests is 4' long. It is made of hardwood with locking corners and a center brace. The Carriage is fitted with wheels which roll on the tracks of the stand, and is also fitted with a positive pressure lock which holds the camera in the desired position. All sizes of the E. R. C. Camera Stands are fitted with a tilting Copy Board, size 30" x 40". This board may easily be removed when necessary.

4 or more uprights 38" high places the center of the focusing screen approximately 4½' above the floor.

All parts substantially braced.

Leveling screws are supplied on each leg.

Metal parts painted gray, Copy Board natural wood

Carriage stained to match the camera.

LENSES AND SHUTTERS For DEARDORFF CAMERAS

Shown below are suggested focal lengths for various phases of Enlarging-Reducing-Copying Photography. It should be noted that the emphasis is on focal lengths. These focal lengths definitely should be part of every photographer's equipment because only by his choice of the proper focal length of lens can the best enlarging, reducing and copying work be accomplished.

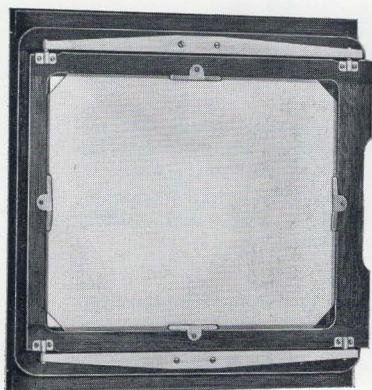
LENS AND SHUTTER EQUIPMENT 14x14 E. R. C. CAMERA WITH 69-INCH BELLOWS DRAW

9½" to 16½" E.F.L., f/9 to f/10 in shutter or barrel.

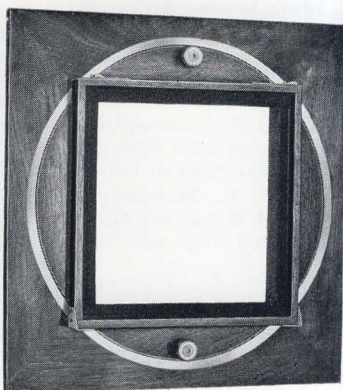
LENS AND SHUTTER EQUIPMENT 17x17 E. R. C. CAMERA WITH 69-INCH BELLOWS DRAW

14" to 25" E.F.L., f/9 to f/10 in shutter or barrel.

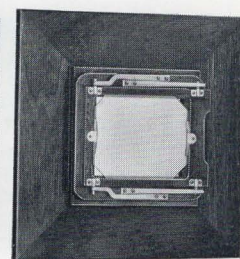
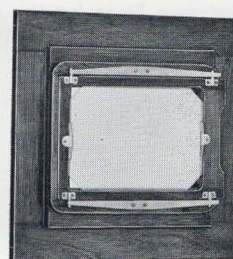
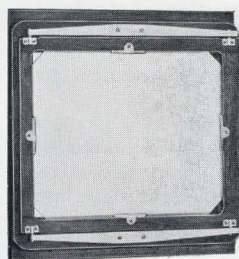
ACCESSORIES FOR 14x14 AND 17x17 ENLARGING-REDUCING-COPYING CAMERAS



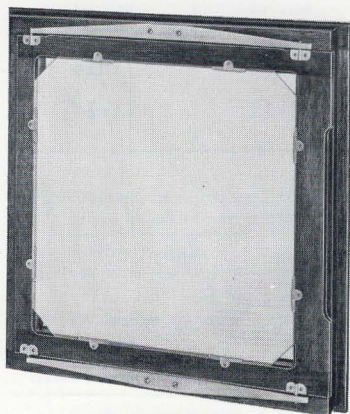
Reversible Camera Back
for 11x14



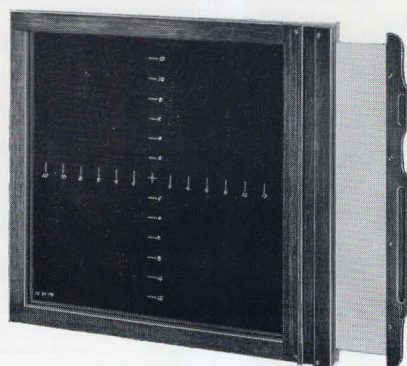
Revolving Back Adapters
to take reducing Camera Backs



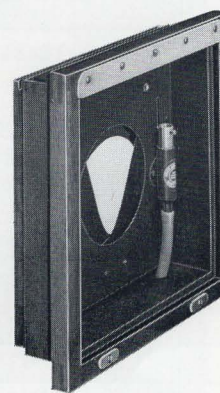
Reversible Camera Backs
for 8x10, 5x7, 4x5 or
3¼x4¼ film sizes



Stay-Flat Backs
14x14—17x17



Double Stay-Flat Holders
14x14—17x17



Packard Shutter Adapter and Shutter

CORRECTIVE PHOTOGRAPHY, by Lewis L. Kellsey, is an illustrated elementary textbook on Camera Swings And How To Use Them. The subject is presented in a simplified and understandable manner and answers all questions about the practice of Corrective Photography. Every photographer should have a copy for reference purposes. Tables and formulae for determining Conjugate Foci for lenses of all focal lengths are included in this work together with many valuable suggestions for making perfect copies.

Published by

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