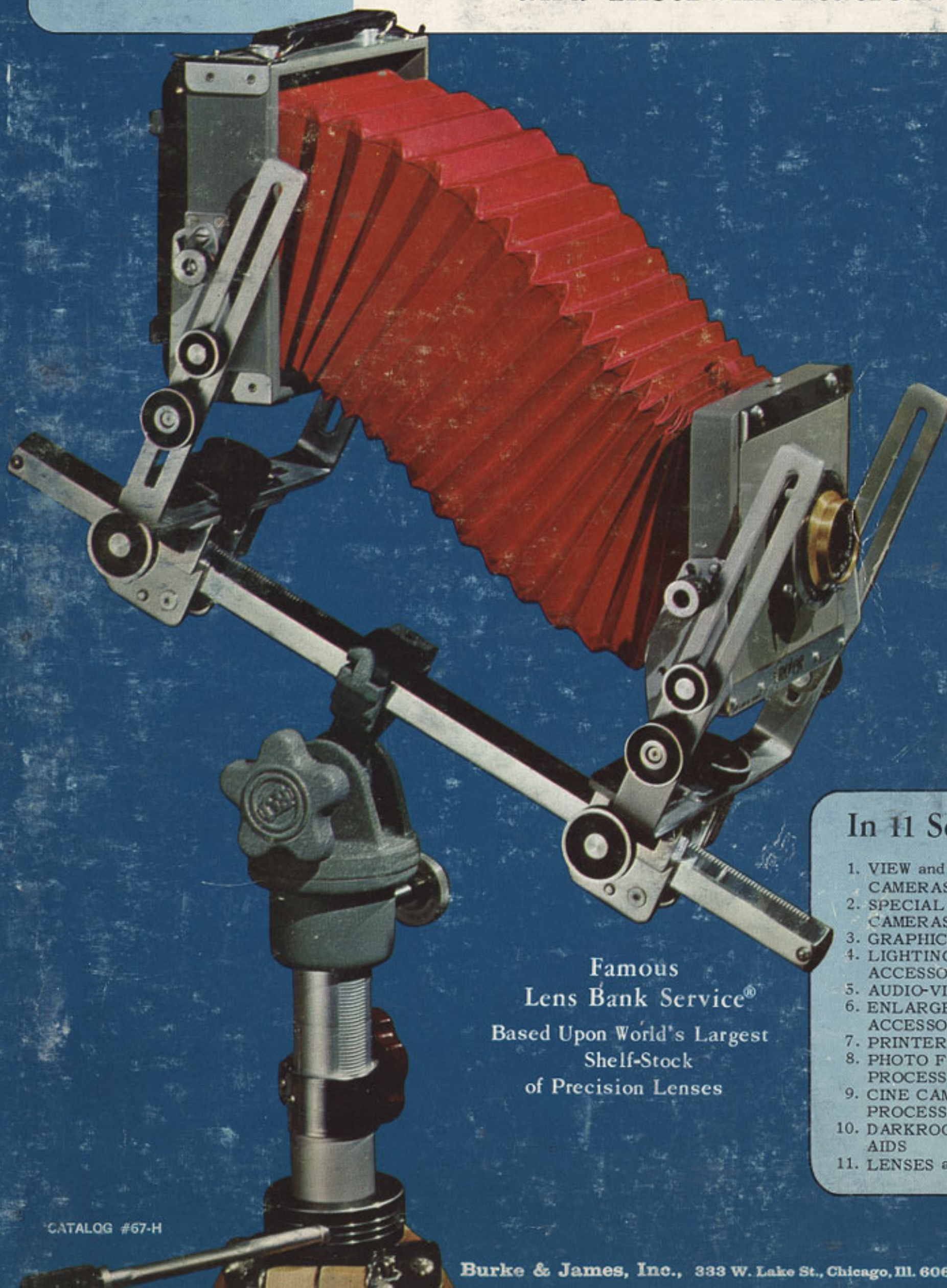


70th
Annual Catalog

Burke & James

PHOTOGRAPHIC EQUIPMENT and Instrumentation



Famous
Lens Bank Service®
Based Upon World's Largest
Shelf-Stock
of Precision Lenses

In 11 Sections

1. VIEW and PORTRAIT CAMERAS
2. SPECIAL PURPOSE CAMERAS
3. GRAPHIC ARTS
4. LIGHTING and ACCESSORIES
5. AUDIO-VISUAL
6. ENLARGERS and ACCESSORIES
7. PRINTERS and DRYERS
8. PHOTO FINISHING and PROCESSING EQUIPMENT
9. CINE CAMERAS and PROCESSING EQUIPMENT
10. DARKROOM and STUDIO AIDS
11. LENSES and ACCESSORIES

CATALOG #67-H

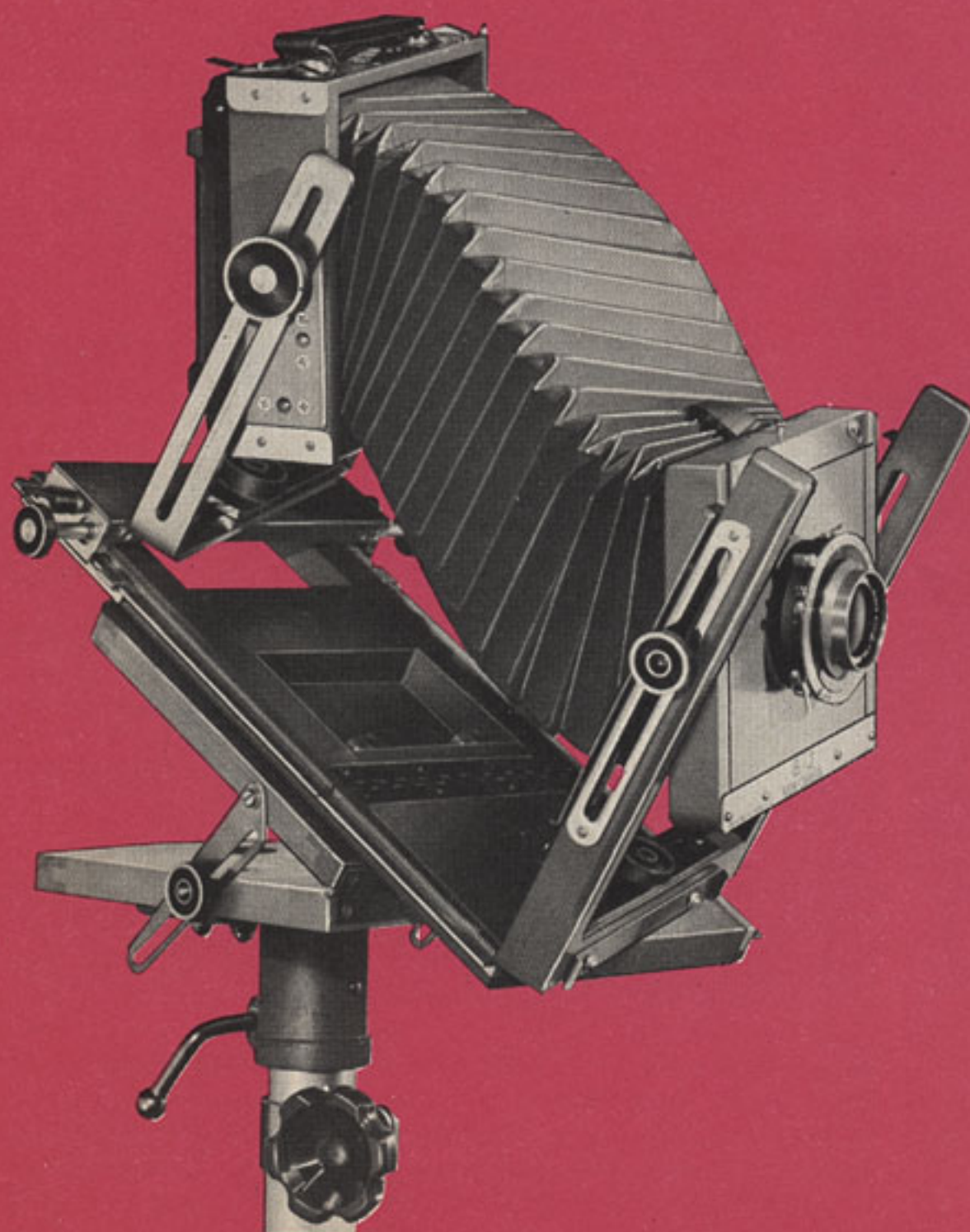
Burke & James, Inc., 333 W. Lake St., Chicago, Ill. 60606



312-372-5422

View and Portrait Cameras

SECTION 1



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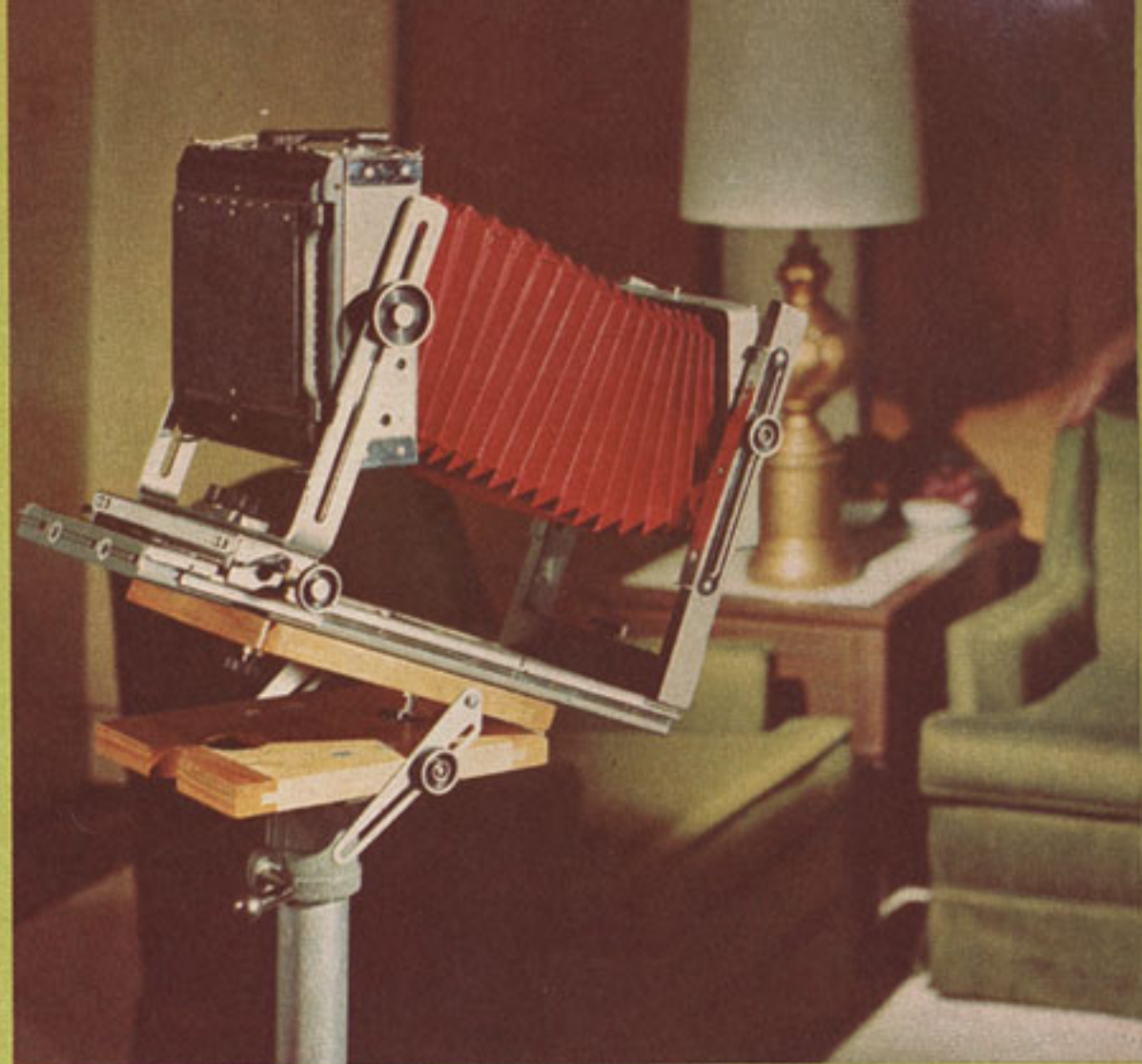
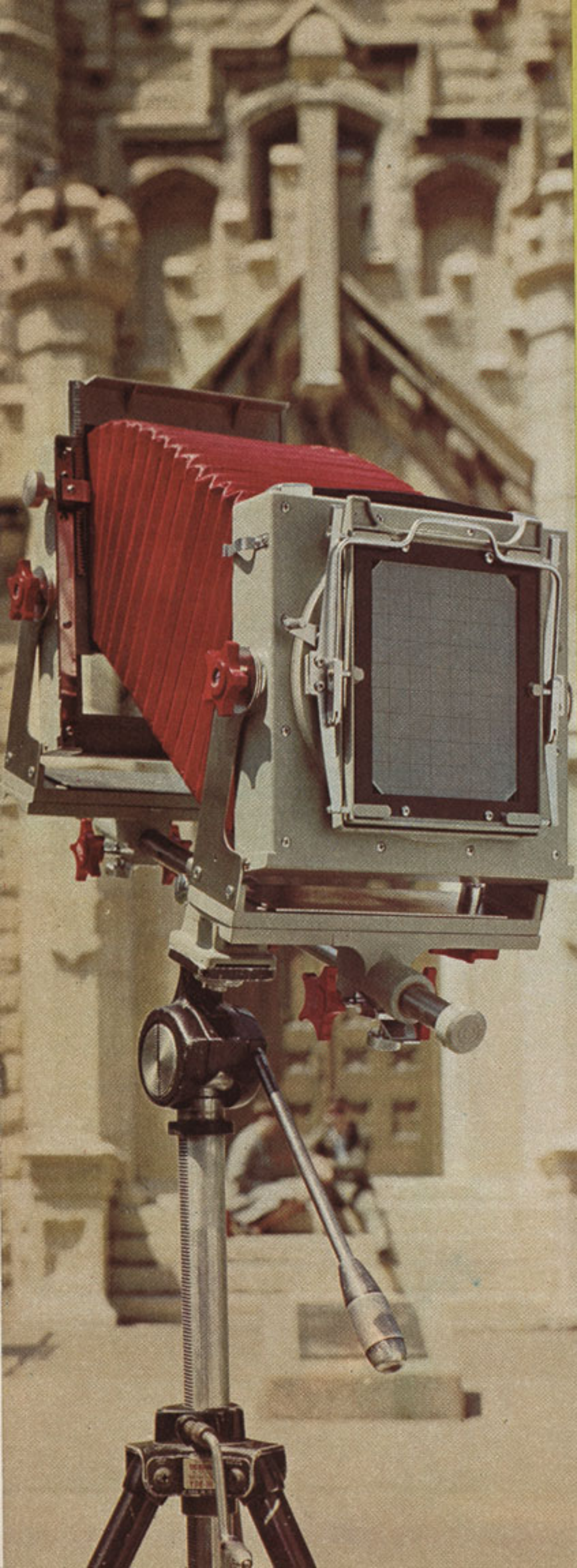
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Masters of Large Format Photography

The Magnificent Family
of Burke & James
View and Portrait Cameras

— First Choice of Professionals.

Discover everything you would expect in America's premier "large format" cameras . . . and more. Unlimited mechanical capabilities . . . complete perspective control . . . maximum adaptability of optical equipment . . . the ability to handle a full range of film sizes . . . plus utmost stability and reliability of operation . . . at a price that defies comparison!

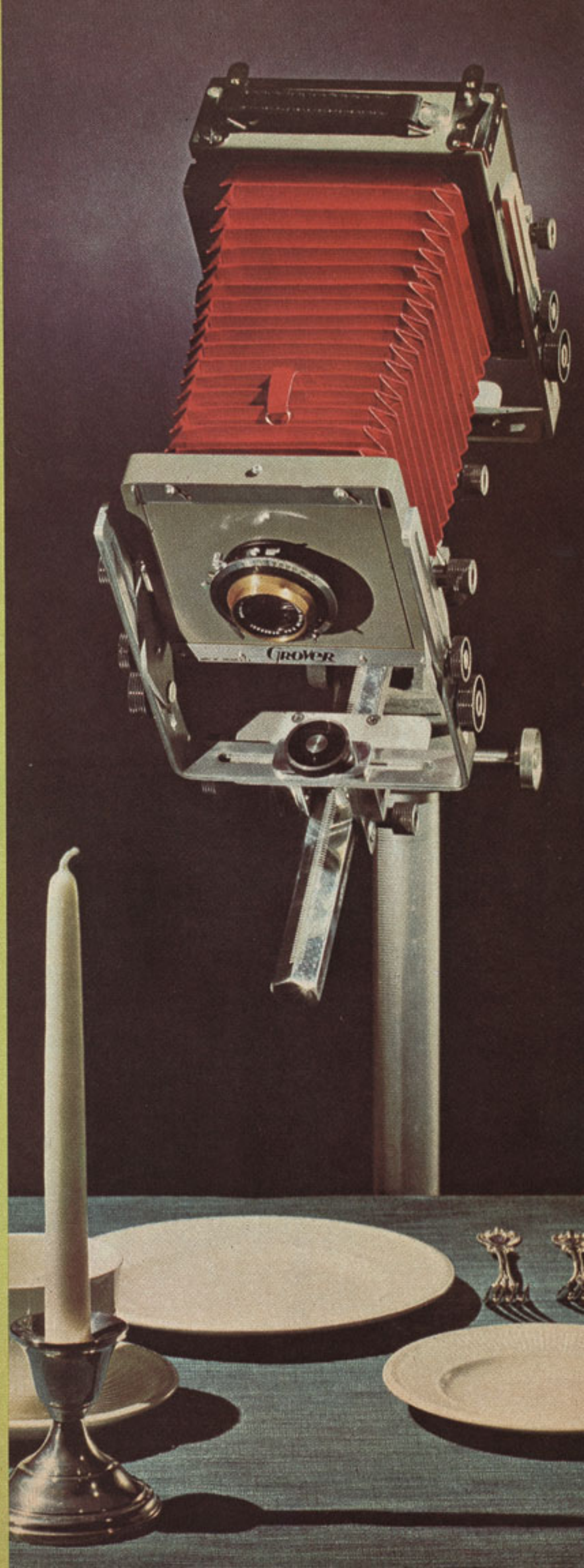
B&J View and Portrait Cameras are designed to meet the creative challenge of today's professional needs, both in the studio and outdoors . . . ranging from industrial, architecture, portrait, landscapes, criminological, fashion, food to critical copying work. Each B&J Camera is a precision instrument reflecting the skills of three generations of professional camera builders. We invite you to examine the specific qualities of each.



The same B&J Camera Models as those shown on the following pages are used to illustrate many of today's finest magazines, newspapers, catalogs and advertising brochures . . . to record the experiments of advanced science, industry and engineering . . . to capture prize-winning portraits of international celebrities . . . and to fulfill the everyday "workhorse" needs in the busy studio or plant.

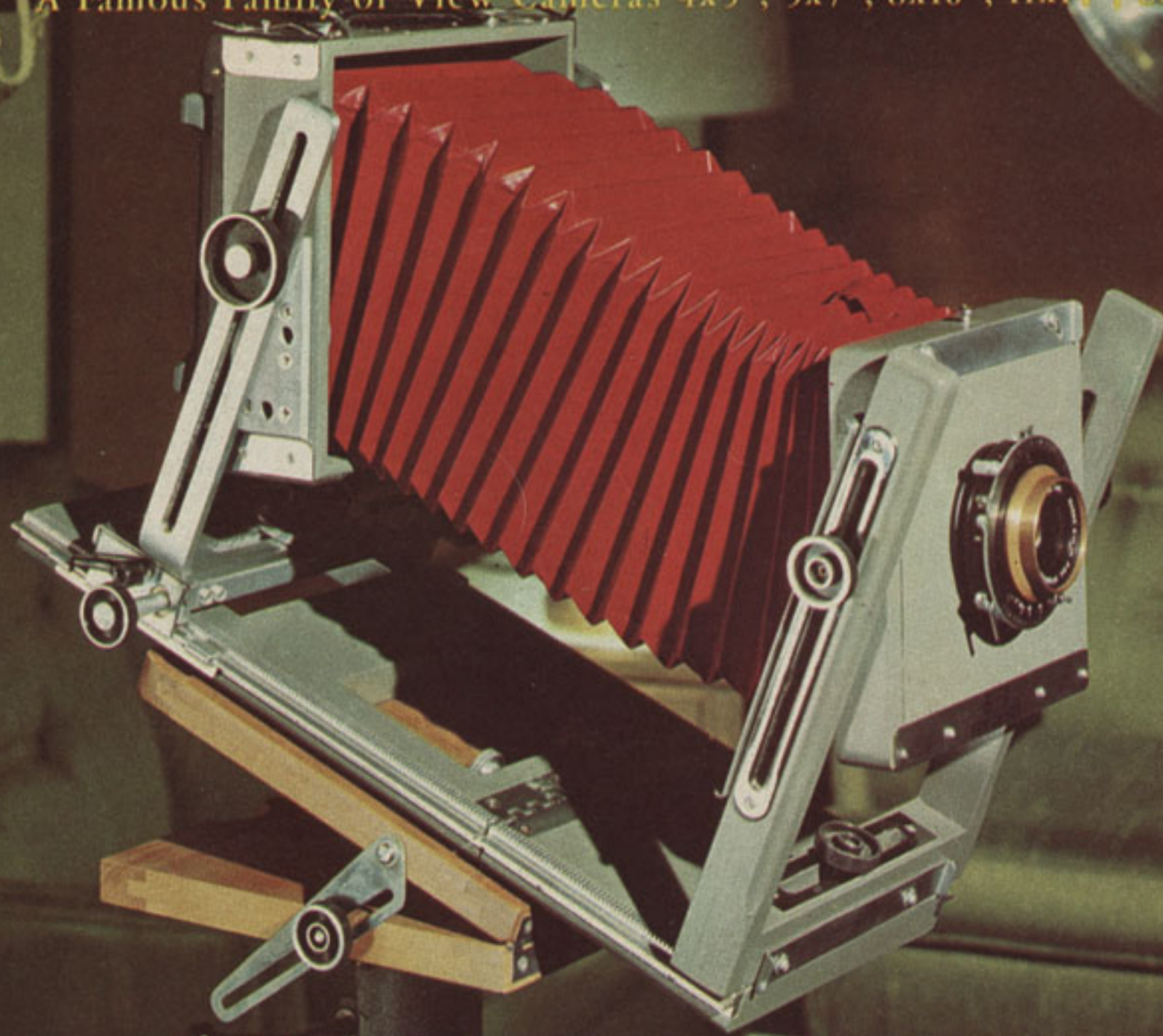
This catalog was designed to acquaint you with the distinctive qualities of each B&J Camera, the wide choice of camera backs, tripods, and other accessories available through your Burke & James dealer — as well as a presentation of select lenses highly compatible with B&J View and Portrait Cameras.

In all the world no other source is more experienced or qualified to assist you in the important selection of lenses than Burke & James. Our famous Million Dollar "Lens-Bank" service solves optical problems for the most complex secret government project as well as the smallest photo studio in Midtown U.S.A. . . . offering a ready inventory of foreign and domestic lenses unduplicated anywhere . . . plus the skilled services of an optical shop where third-generation artisans apply Old World craftsmanship to space-age optical requirements. B&J can supply the perfect "eye" for your Camera — check the lens pages.

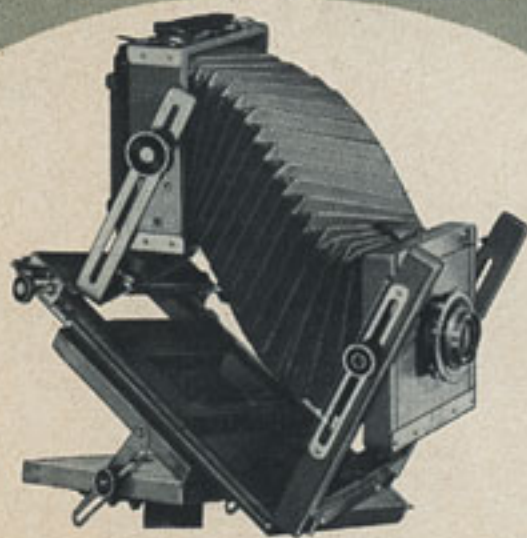


B&J Commercial View

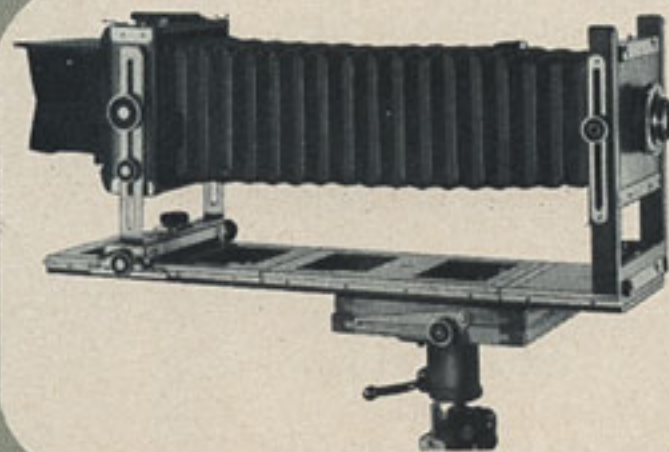
A Famous Family of View Cameras 4x5", 5x7", 8x10", 11x14", 8x20"



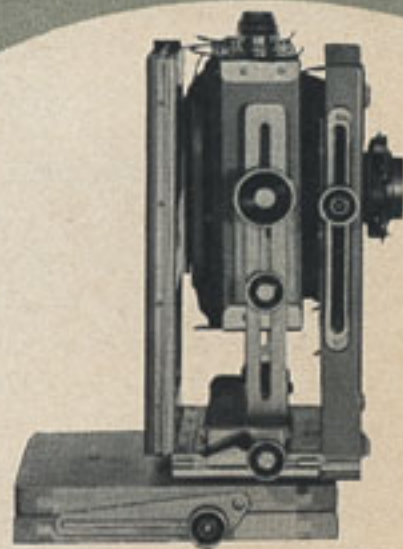
Shown: 4x5" Commercial View



Exceptional swings and tilts



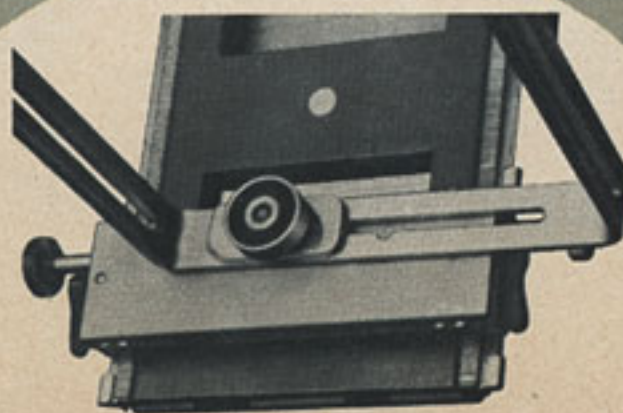
Extra-long Bellows extension



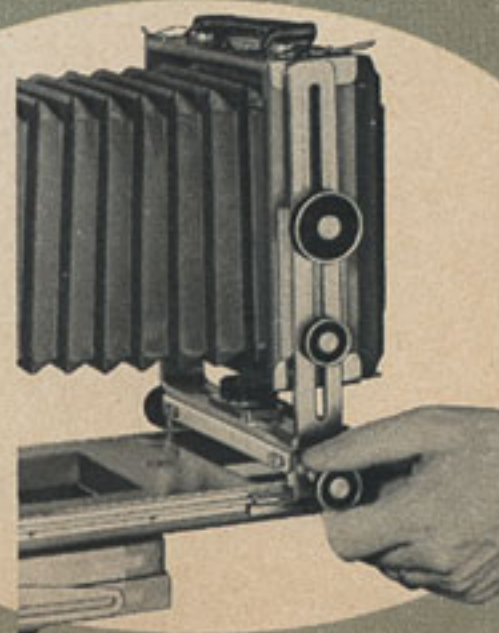
Folds compactly



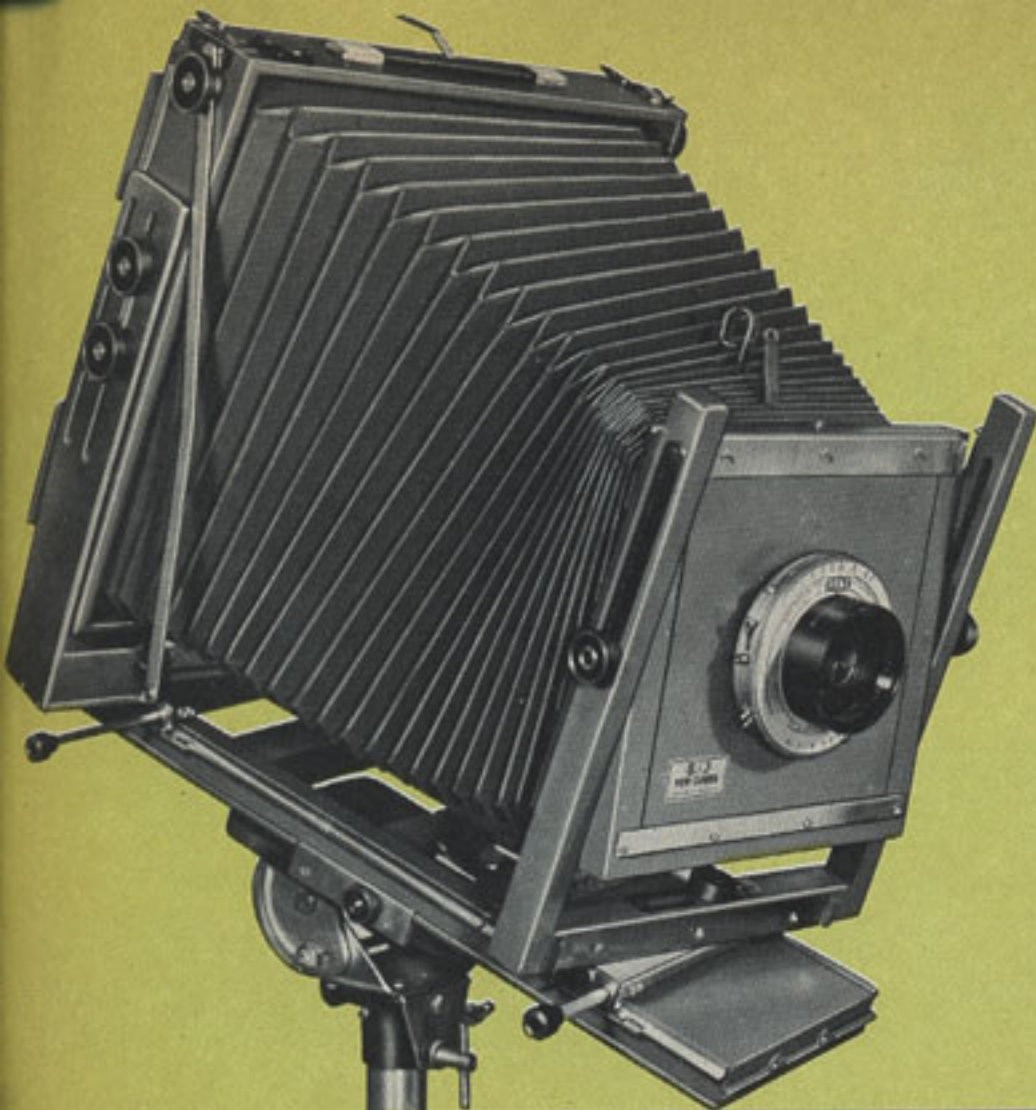
Great
lensboard
maneuverability



Lateral shift of back



Easy
rack and
pinion
focusing



	4x5"	5x7"	8x10"	11x14"	8x20"
Bellows Extension	21"	21"	29"	43"	29"
Size of Lensboard	5 1/4 x 5 1/4"	5 1/4 x 5 1/4"	6x6"	9x9"	6x6"
Swing Of Back	45°	45°	45°	45°	45°
Swing Of Front	45°	45°	45°	45°	45°
Back Rise	7"	7"	6 1/4"	6 1/4"	6 1/4"
Front Rise	5"	5"	5"	5"	5"
Back Shift	5"	5"	7"	7"	7"
Front Shift	3 1/4"	3 1/4"	3 1/2"	3 1/2"	3 1/2"
Weight (lbs.)	8 1/2	9 1/4	17	24	20
Camera Folded	5 1/4 x 8 1/4 x 11 1/4"	5 1/4 x 10 x 11 1/4"	9 x 13 1/4 x 13 1/2"	9 1/2 x 19 x 20"	9 x 13 1/4 x 26"

Proved by thousands of users, these time-tested veterans are valued for their ability to deliver photographic excellence under the most exacting conditions.

Examine the carefully crafted components. Actually try the unlimited perspective controls and special effects available through the B&J View Camera's extra-ordinary swing and tilt capabilities . . . you'll understand why these smooth-handling instruments have won the acclaim of photographic perfectionists around the world.

EXCEPTIONAL SWINGS, TILTS, SHIFTS, (on or off the optical axis). Here is maximum perspective and focusing control, with pin-point accuracy, regardless of the assignment. B&J Commercial View Cameras are so flexible that the generous swings at front and rear . . . the rise and fall . . . the range of tilts far exceed the capacity of your lens. Image size remains constant throughout swing adjustments. You're in complete command to create or eliminate distortion as you wish . . . to realize the full scope of your picture-taking capabilities . . . unrestricted!

CAMERA BED lined with wide double-track guide rails of aluminum alloy -- assures precise effortless rack and pinion focusing . . . maintains maximum carriage stability in all positions. A sturdy foundation for sharp vibration-free exposures further secured by double tripod sockets in base.

A camera bed extension is included for full use of extra-long bellows with longer focal length lenses . . . 1 to 1 close-up photography . . . or magnification with normal lenses. When you're ready to go simply rack camera back tightly against front board, swing up hinged bed, and you have a compact, portable camera readily fitting into a standard carrying case.

CAMERA BACK rides in a sturdy metal U-standard, mounted on the adjustable carriage. This rear U-standard, slotted at the base, pivots from the center line of the camera, or slides right or left as desired. Knobs along side control rise, fall and tilt action of the back.

The camera back is reversible for easy conversion to either vertical or horizontal format and to allow interchanging of other backs, sliding carriages and roll film magazines for widest choice of film size.

FRONT BOARD can be put through a remarkable range of swings, tilts and rise and fall adjustments for greater picture control and positive image centering.

The front U-standard of the 8x10", and larger cameras can be racked forward or back, permitting focusing at lens support or film support. The approximate picture size can be conveniently attained by using front adjustment only. Rear adjustment satisfies critical focusing need.

The big **FRONT BOARD** accepts large diameter lenses, is easily removed for rapid lens interchange.

THAT PROFESSIONAL APPEARANCE B&J Commercial View Cameras stand out -- handsomely designed as they are -- in a silver grey finish with rich red bellows, black fittings and chrome trim. They reflect rugged quality in every sleek line. The durable kiln-dried hardwood housing -- securely fitted with aluminum and chrome-plated hardware at all action points -- combines the advantage of light

Whatever your reason for shooting the large negative format . . . be it the unmatched fidelity of your color transparencies . . . "same-size" black and white prints . . . or the opportunity of detailed retouching . . . you'll find today's B&J Commercial View Camera, as for the past four decades, the greatest professional camera value available anywhere.

FEATURE FOR FEATURE . . . DOLLAR FOR DOLLAR . . .

weight with enduring heavy-duty parts of steel, aluminum and brass. All moving and sliding components are metal-to-metal, assuring smooth positive "stop-go-lock" action.

EXTRA-LONG BELLWS standard equipment on every B&J Commercial View Camera. They are rugged and built to last, with beveled corners and reinforced gussets. The gussets are extra deep, permitting the many extraordinary swing and shift adjustments without strain.

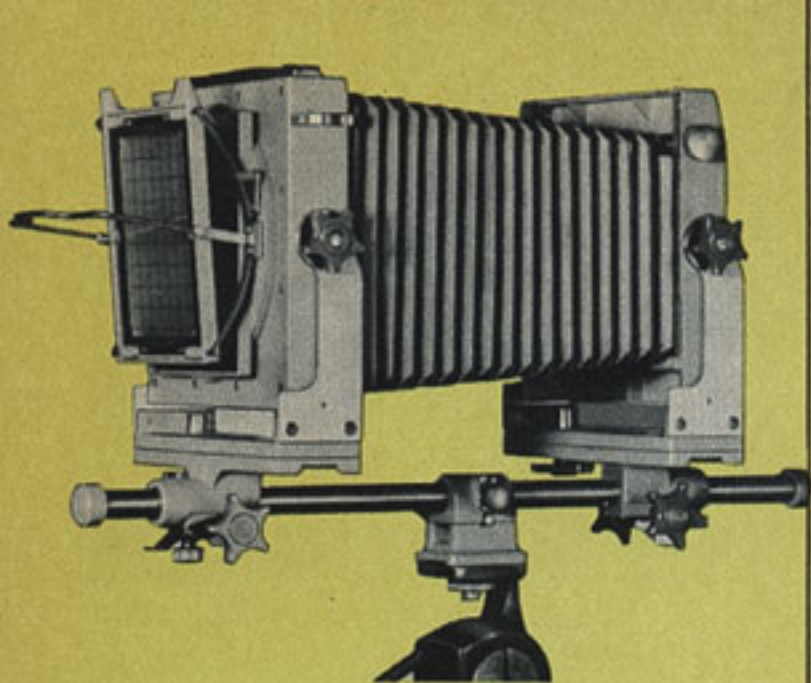
CARRIAGES solid metal with right and left hand controls, featuring smooth precise rack and pinion action.

FITTINGS

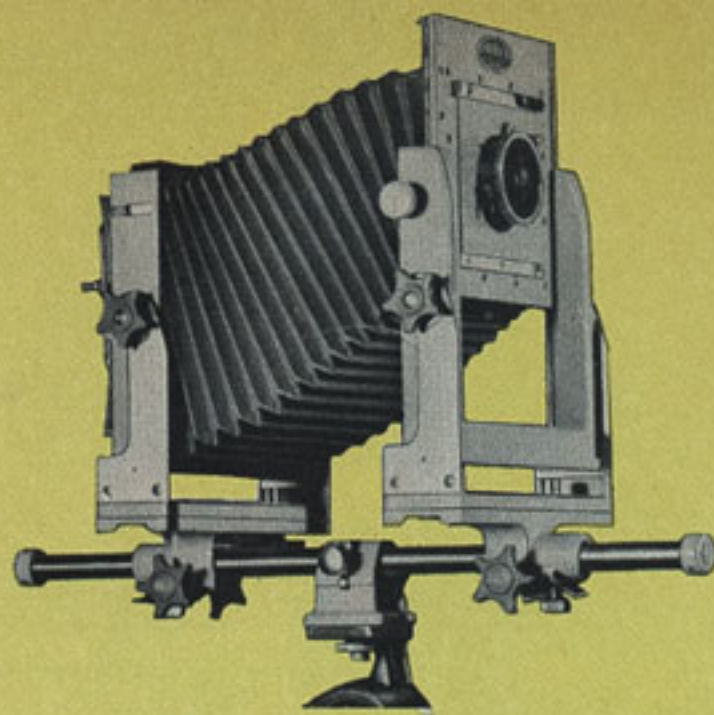
Knurled, easy-to-grip, oversize focusing knobs with positive non-slip locking action (perfect control of the most critical work).

- Clips to hold focusing cloth.
- Combination horizontal and vertical spirit level (on 8x10" and 11x14") for accurate alignment.
- Full hooded focusing screen (folding type) on 4x5" and 5x7" models. Calibrated glass is standard equip.

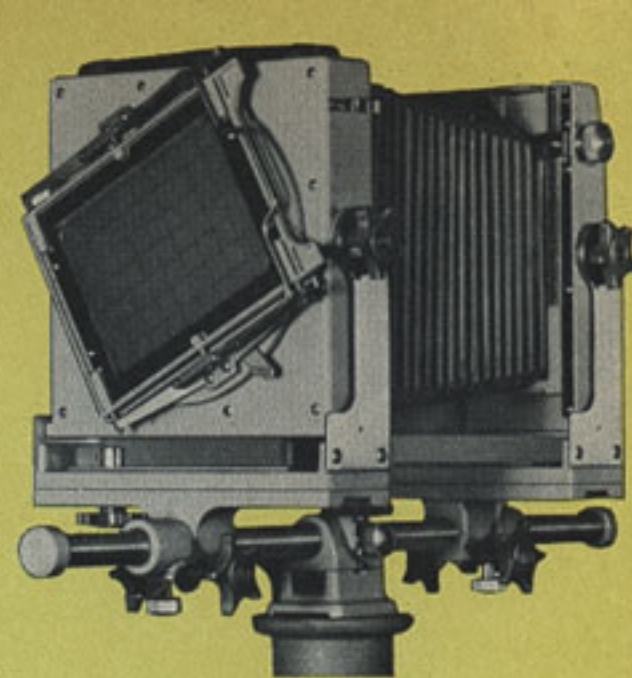
No. 7-001-HW3Y -- 4x5" B&J Commercial View Camera (less lens) . . .	\$149.50
No. 7-002-HW3Y -- 5x7" B&J Commercial View Camera (less lens) . . .	169.50
No. 7-003-HW3Y -- 8x10" B&J Commercial View Camera (less lens) . . .	224.50
No. 7-004-HW3Y -- 11x14" B&J Commercial View Camera (less lens) . . .	349.50
No. 7-005-HW3Y -- 8x20" B&J Commercial View Camera (less lens) . . .	374.50



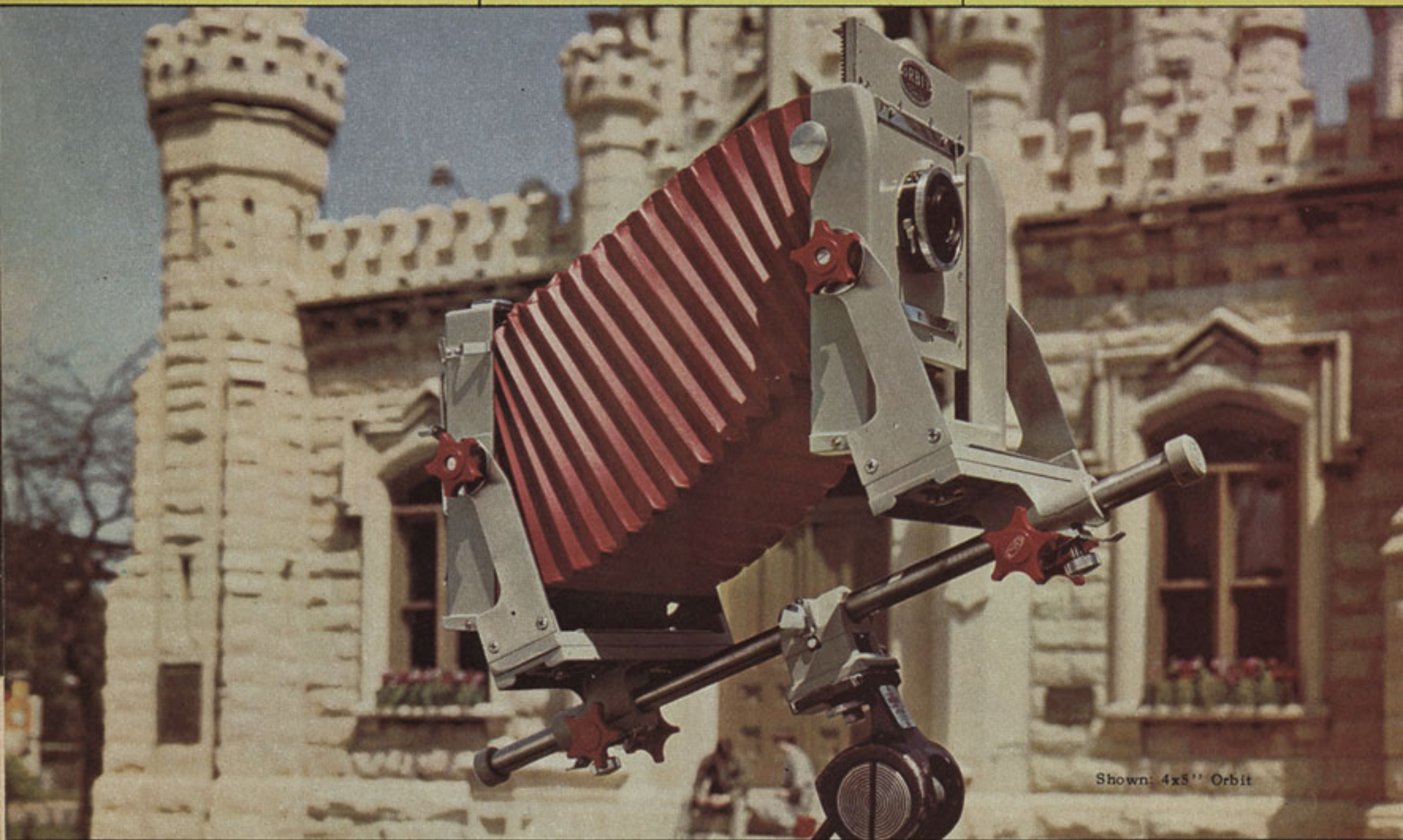
Easy loading — "flip open" lever



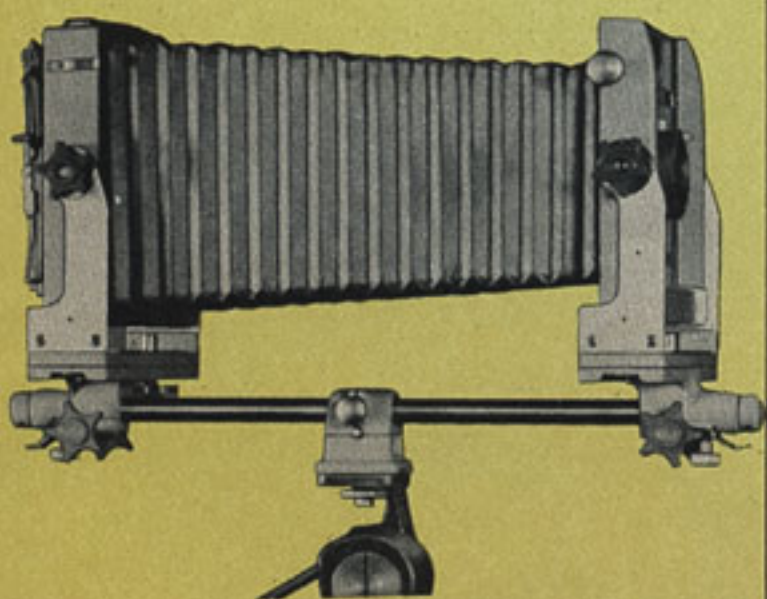
Rack & Pinion rise of front board



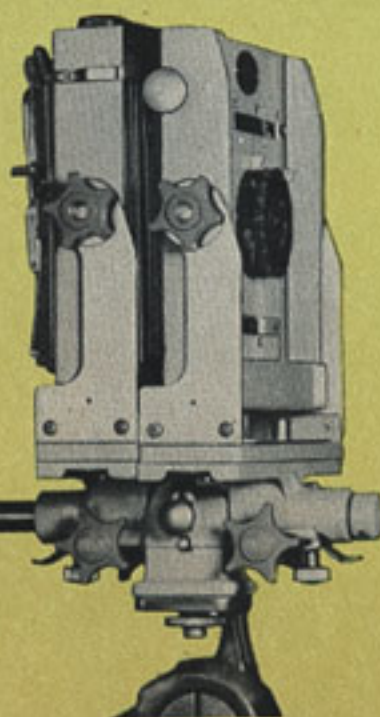
360° Revolving back



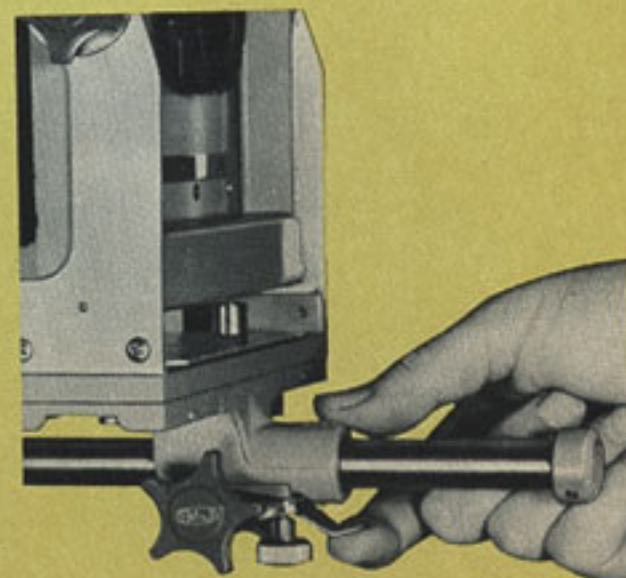
Shown: 4x5" Orbit



Fully extended bellows



Folds for short focal length lenses



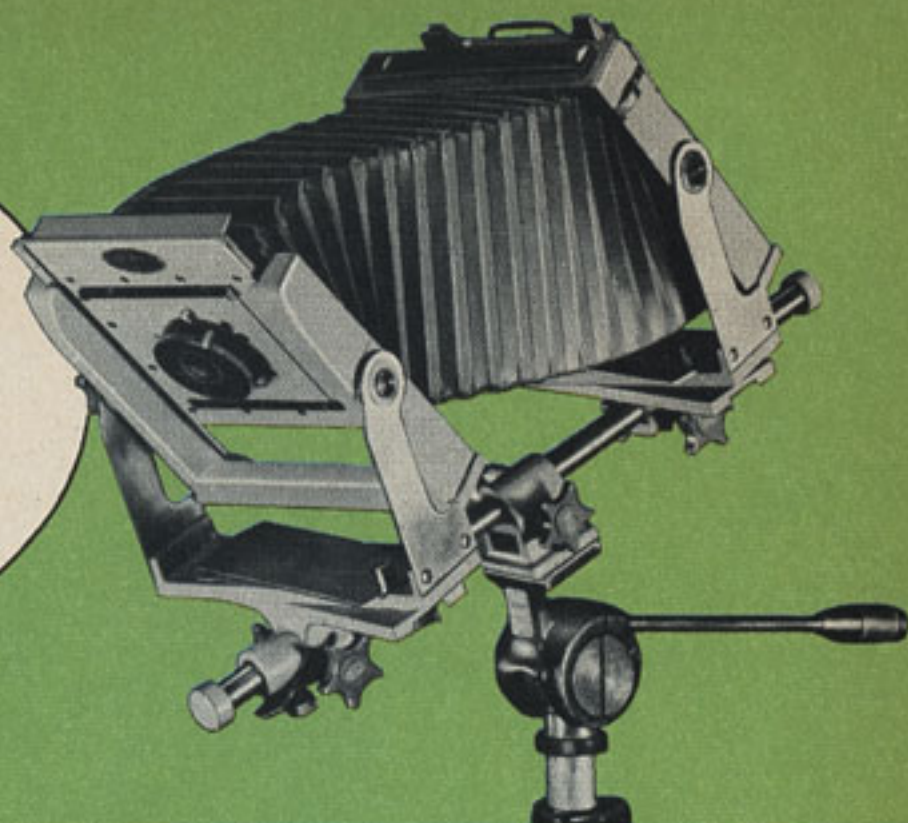
Fast-focusing trigger release

ALL-METAL

Orbit Monorail

CAMERAS

4x5" and 5x7"



4x5" MODEL

Today's modern achievement in Monorail design -- loaded with versatility in professional picture-taking capabilities. This illustrators' "dream camera" boasts an almost unlimited range of movements. Smooth, controlled precision adjustments conquer the most exacting illustrative problems with ease. Discover the merits of this World Traveler. It's a professional camera for any commercial or industrial assignment.

TILTS up to 30° help you correct distortion on increase depth of focus. Available on both front and rear carriages.

SWINGS up to 12° in either direction allow you to control distortion. (Available front and rear). Both carriages can be shifted laterally 7/8" from center to avoid unusual obstructions and for critical centering of subject.

ALL METAL LIGHTWEIGHT CONSTRUCTION of durable pressure-cast aluminum parts. Literally weather-proof, corrosion proof. Travels easily, compactly anywhere the action calls.

RISING FRONT by geared rack and pinion permits control of distortion without tilting camera. Can be locked in any

position. Ideal for architectural studies.

BELLOWS are of durable light-proof laminated construction. Will draw easily to 16" -- permitting 1 to 1 copying with lenses up to 8" close-up photography with 10" and 12" lenses.

CAMERA FRONT AND BACK shift forward on monorail. Click stops indicate when front, back are 90° to lens axis.

METAL LENS BOARD is standard 4X4". Allows fast interchange of lenses from wide angle to long focus. Snaps into place.

SLIDING TRIPOD BLOCK provides perfect camera balance in any position. Set-ups and adjustments are made quickly, surely.

360° REVOLVING BACK on the 4x5" permits use at any desired angle for best composition. Turns freely -- with positive lock lever when you're set. Installation of the 4x5" **POLAROID** cut film holder converts camera into 10-second picture-maker. Positive focal-plane positioning makes for needle sharp results every time.

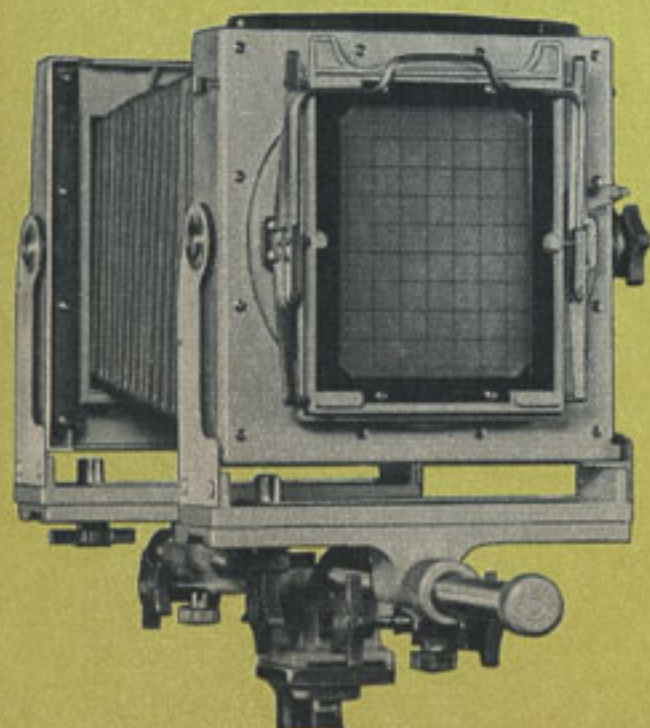
CAMERA FEATURES:

- Calibrated, ground glass focusing to aid in proper perspective alignment.
- Large, "flip-open" lever that pulls back ground glass retainer for easy loading of cut film holders.
- Quick-focus release on both carriages for your convenience.
- Big control knob -- non-slip, easy to handle. Large knobs on right side of camera permit easy tilt adjustments for best perspective.

5x7" MODEL

5x7 ORBIT MONORAIL combines the marvelous controls, maneuverability and versatility of the popular 4x5" model as described above with a sleek hardwood body and a **REVERSIBLE-REMOVABLE** camera back!

This **REVERSIBLE** Back can be quickly replaced by a series of reducing and Polaroid backs, roll films, magazines, and sliding camera backs for unlimited application! (NOTE: Please specify "for 5x7" Orbit Monorail" when ordering special backs from the tables on Pages 12 and 13.)



Calibrated back glass

PRICES

No. 9-001-HW3Y -- 4x5" Orbit Monorail	\$139.50
No. 9-002-HW3Y -- 5x7" Orbit Monorail	174.50

SPECIFICATIONS

	4x5"	5x7"
Tilts	30°	30°
Rising Front	3" up 1" down	3" up 1" down
Revolving Back	360°	Reversible
Bellows Draw	3-5/8 to 16"	3-5/8 to 16"
Size	11-1/4x8x20"	12x9-1/2x20"
Swings	12°	12°
Horizontal Slide	7/8"	7/8"
Lens Board	4x4"	4x4"
Sliding Tripod Block	Yes	Yes
Shipping Weight	17 lbs.	12 lbs.
Camera Body	All Metal	Kiln-dried Hardwood
Hardware	Aluminum	Chrome Plated
Bubble Level	Yes	Yes

The Distinguished

Shown: 4x5" Rembrandt



Master Pictorialists 4x5", 5x7", and 8x10"

From the custom workshop of Burke & James comes the ultimate in studio and home portrait equipment. Magnificent cameras specifically designed and engineered to produce portraits of superb quality.

If portraiture is your business, or your hobby, give full rein to your artistic ability -- equip yourself with a new Rembrandt. Every desired adjustment to let you create portrait after portrait quickly, effortlessly -- with a maximum of glamor and quality in the finished picture -- is at your fingertips. From dramatic theatrical poses to conventional bust, three-quarter or full length studies, your Rembrandt will let you exercise your artistic ability to the utmost.

A camera of obvious quality, the handsome Rembrandt radiates an impressive professional air. It is solidly constructed to provide a lifetime of satisfactory service -- no matter how difficult or rugged the assignment.

SPECIFICATIONS MADE FOR THE ARTIST'S TOUCH!

RUGGED HARDWOOD BODY with bolted front standard will retain its alignment and assure vibration-free operation.

SMOOTH RACK AND PINION FOCUSING metal to metal for lasting accuracy. Dual control knobs with focusing lock -- you work from either side.

POSITIVE-ACTING FOCUSING LOCK securely anchors the focus where you want it.

AVAILABLE WITH REGULAR BACK OR DIVIDED BACK will also accept a wide choice of roll film, Polaroid, and reducing backs.

CAMERA BACK ADJUSTMENTS include sufficient rise and fall movement to satisfy even the most exacting portraiture needs -- and swings and tilts that make your Rembrandt useful for other purposes.

FULL SIZE WOOD LENSBOARD easily removable and large enough for the big lenses. 6x6" on the 4x5" and 5x7"; 9x9" on the 8x10".

FITTINGS for hose connection on behind the lens shutters are standard on 4x5" and 5x7" models.

Camera construction permits use of lenses from 4" to 14".

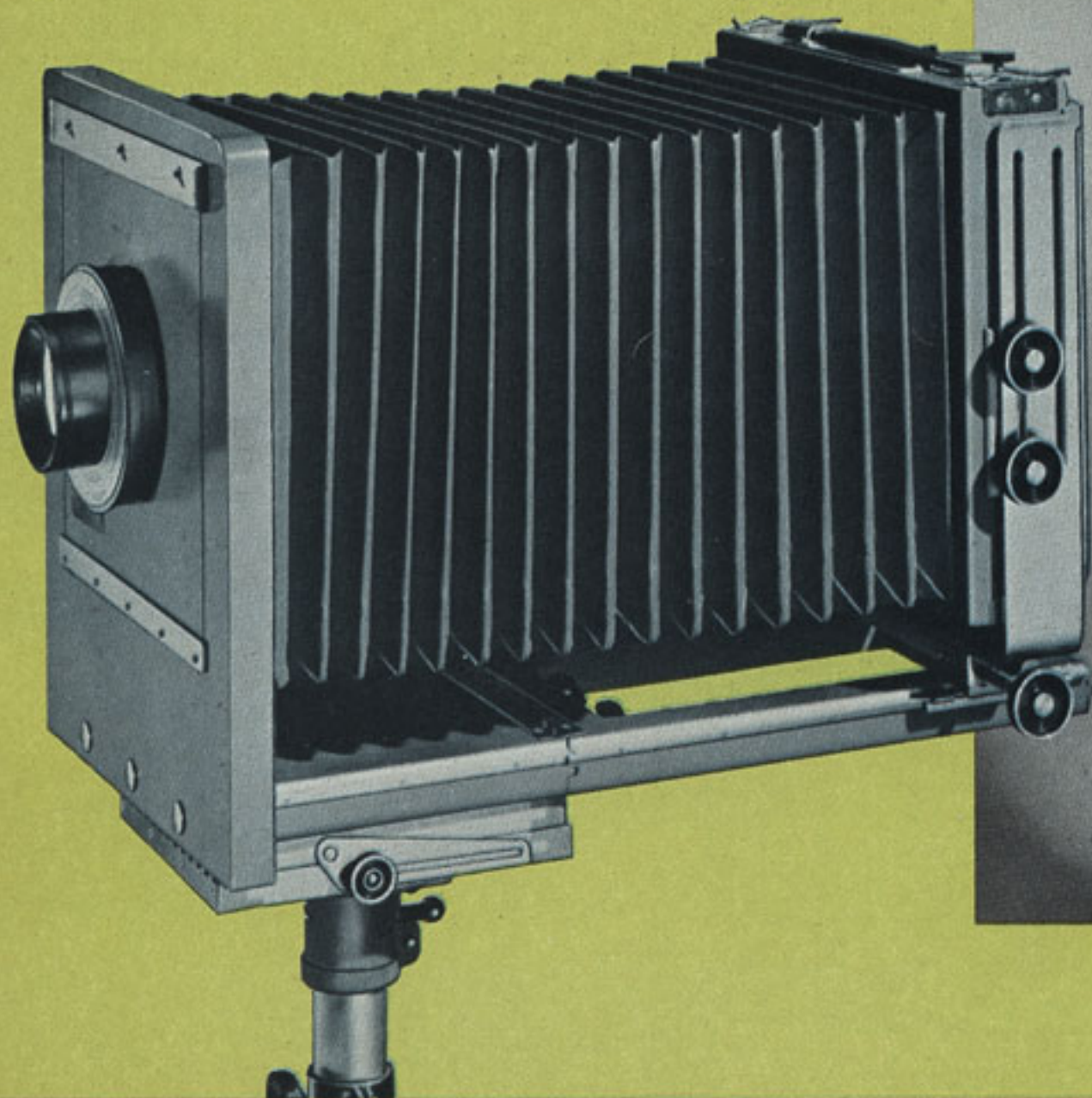
The 4x5" and 5x7" will
take 2 3/4" Opening
PACKARD SHUTTER



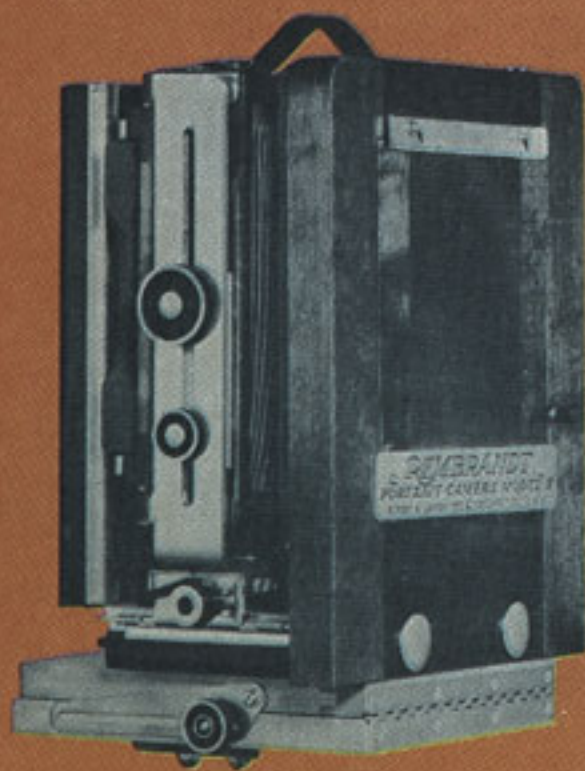
NO FITTING REQUIRED

Just slip in shutter, turn four built-in clips and installation is complete. Operates without noise or vibration. The world's standard for controlling "time" or "instantaneous" exposures with lenses in barrel mounting. For Built-in Synchro. We recommend our own Professional Synchronized Packard installation service.

Rembrandt Portrait Cameras



Shown: 8x10" Rembrandt



PORTABILITY PLUS model II Rembrandt (4x5" and 5x7") is available with hinged camera bed for compact portability, plus provision for electrical terminals for Synchro model Packard shutters. Light tight air connection for Packard behind the lens shutters.

BELLOWS sturdy and long-lasting, spe-

cially made to withstand extreme atmospheric conditions and designed with the latest approved square fold.

FULL FOUR-SIDED ATTACHED FOCUSING HOOD on 4x5" and 5x7" models cuts off stray light when focusing.

GROUND GLASS is scored with horizontal and vertical rules to facilitate com-

posing picture -- aids in quick, accurate focusing.

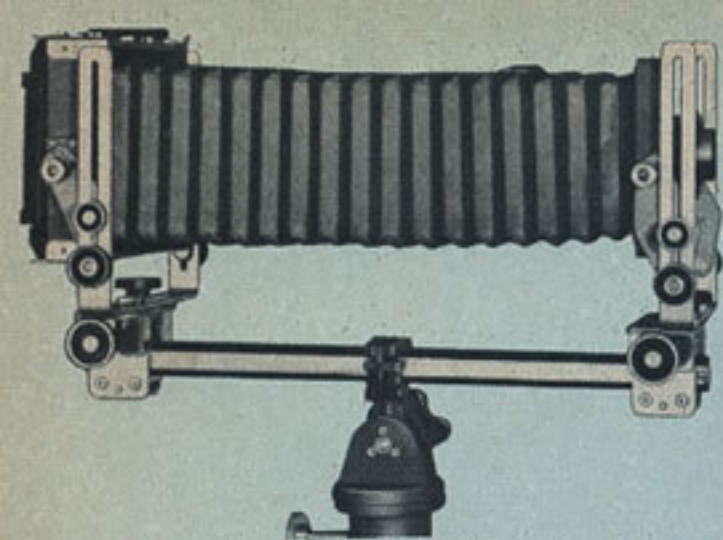
IMPRESSIVE APPEARANCE! All models constructed of solid hardwood and have attractive bright red bellows. The 4x5" and 5x7" are beautifully finished in natural Mahogany. The 8x10" is finished in light grey.

Camera has standard thread tripod socket.

PRICES

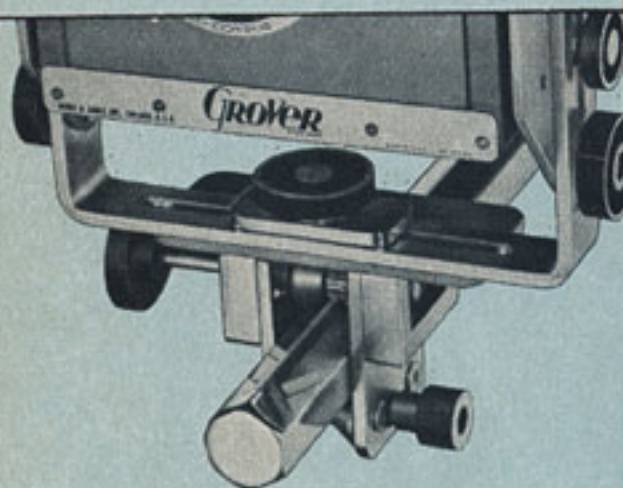
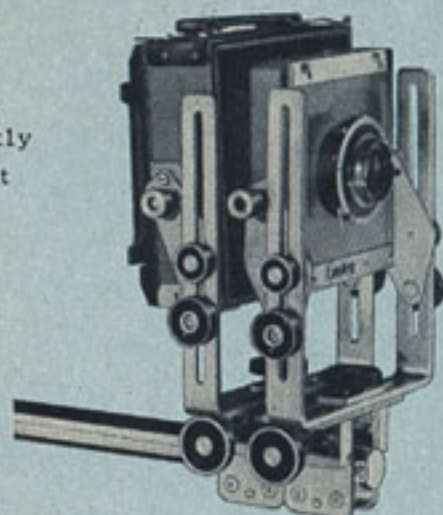
11-001-HW3Y--4x5" Rembrandt I	\$114.50
11-002-HW3Y--5x7" Rembrandt I	114.50
11-003-HW3Y--4x5" Rembrandt II with folding bed	124.50
11-004-HW3Y--5x7" Rembrandt II with folding bed	124.50
11-005-HW3Y--8x10" Rembrandt Master Pictorialist	184.50

	OVERALL SIZE	WEIGHT	EXTENSION	LENSBOARD
4x5" Model I	11x11½x15"	Less than 10 lbs.	16"	6x6"
4x5" Model II Folded	11x11½x6¾"			
5x7" Model I	11x11½x15"	Less than 10 lbs.	16"	6x6"
5x7" Model II Folded	11x11½x6¾"			
8x10"	7x13x15"	14 lbs.	28"	9x9"

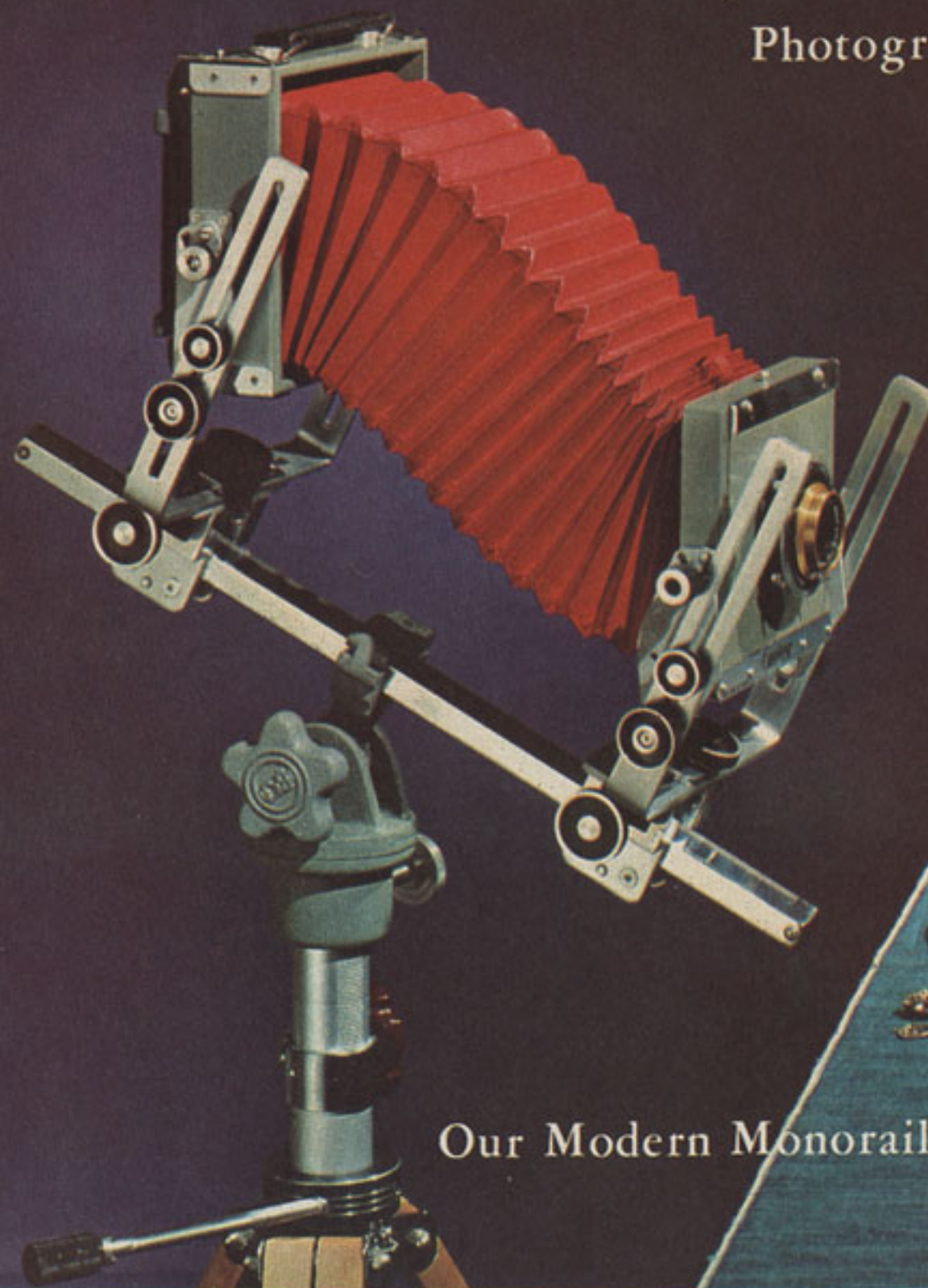


Extra Long Bellows Extension

Closes compactly for short focal length lenses



Extreme shift range of front board



For Today's Go-Everywhere Photographer. . .

Our Modern Monorail Masterpiece.

Shown: 4x5" Grover

Grover Monorail

- The GROVER permits all adjustments to be made on the optical axis.
- All adjustments are metal-to-metal for tough hard use without a care.
- Positive geared rack and pinion focusing has smooth action, free from play or backlash.
- Extra-long bellows, for close-ups or for long-focus lenses, is standard equipment.
- Camera can be moved far forward on monorail, keeping it out of picture when using wide angle lenses.
- Reversible back changes from vertical to horizontal composition
- Folding four-sided light hood on 4x5" and 5x7" models. Calibrated focusing screen standard on all models.

Pro-style! Pro-performance! America's outstanding monorail View and Portrait Camera provides the capabilities you want to handle every professional assignment from cramped interiors to large format architecture and industrial -- from cover girl glamor to the finest full-color on-location work. Be as imaginative as you wish with full swings and tilts that actually exceed the capacity of your lens.

Based on principles involved in "optical bench" construction, this unique design allows full photo-taking freedom, plus all of the best features of other portrait, view and commercial cameras. It's a camera for all your needs! Available in three sizes -- 4x5", 5x7" and 8x10", the Grover can be adapted for almost every film format and recording situation. Any adjustment you seek -- including rise, fall, swings, and tilts -- is at your fingertips on BOTH the front and rear standard of the Grover camera, and is far in excess of normal requirements. Compare these features:

FULL CONTROL OF PERSPECTIVE THROUGH SWINGS AND TILTS

RISE AND FALL of front board is 3½", permitting great latitude in changing position of subjects on vertical or horizontal format.

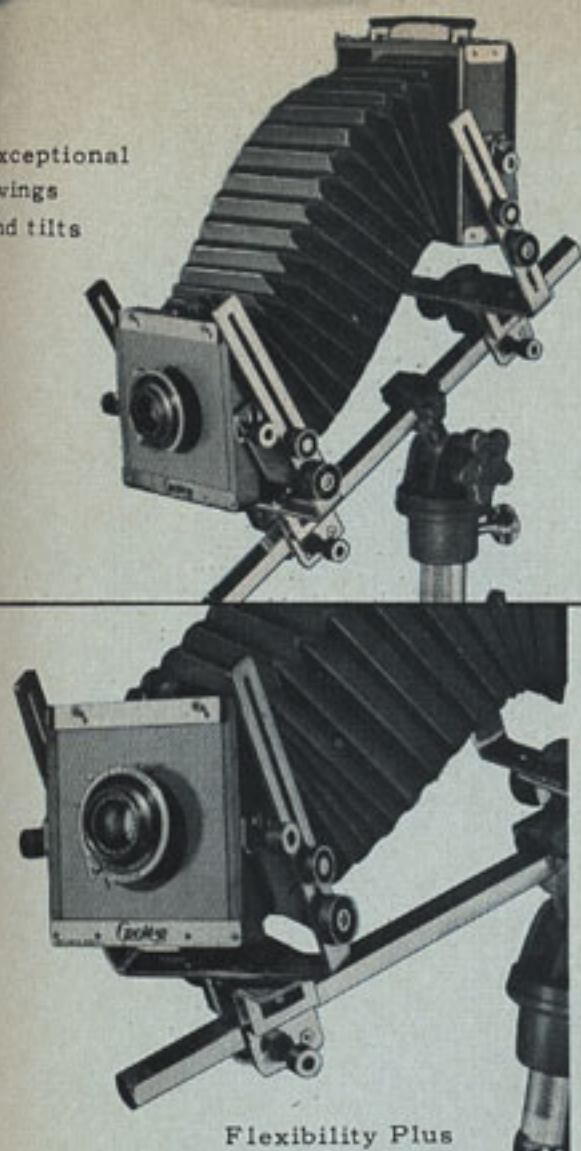
FRONT BOARD CONTROL -- exceptional swings and tilts permit extreme depth of field -- allowing sharp focus of both foreground and background objects, even with long focal length lenses.

RISE AND FALL of back is same as that of front board -- 3½" -- while shift of front board is 3½" and of back, 5¼".

GEARED TRACK for positive, effortless rack and pinion focusing with no slippage.

INTERCHANGEABLE LENS BOARDS
Grover accepts a wide variety of lenses

Exceptional
swings
and tilts



Flexibility Plus

PRICES

13-001-HW3Y -- 4x5" Grover	
Monorail	\$189.50
13-002-HW3Y -- 5x7" Grover	
Monorail	199.50
13-003-HW3Y -- 8x10" Grover	
Monorail	274.50

to perform any job. Lensboard sizes: 5 1/4" 5 1/4" on the 4x5" and 5x7"; 6x6" on the 8x10".

EXTRA LONG BELLOWS extends to full length of monorail for making same-size and oversize images, or using long-focus lenses. 4x5" and 5x7" (21"); 8x10" (29").

TILTING TRIPOD MOUNT for rapid camera positioning and sure camera balance.

CALIBRATED FOCUSING SCREEN corner-to-corner -- simplifies composition and perspective alignment. Has four-sided focusing hood (on 4x5" and 5x7").

REVERSIBLE BACK changes from horizontal to vertical in seconds. May be replaced with other dividing and reducing backs.

The Grover frame is made of light-weight kiln-dried hardwood with rugged metal binding and metal parts to reduce wear. Its structure is hand-crafted of gleaming high-test aluminum . . . with big easy-to-use adjusting knobs. An imposing picture of professional competence in grey and red. Solid values!

TRIPODS

For All Your Needs



Burke and James
Studio Stand For Cameras
Up To 8x10" Size.

Popular MAJESTIC
Tripods Are Strong,
Light and Steady.

Handsome is as handsome does -- and the B&J portable studio stand does a standout job of providing solid support for press, portrait, and view cameras up to 8x10". Center post raises and lowers to desired height instantly by smooth rack and pinion gear mechanism. Flip lever down and column locks rigidly in place.

Stand consists of tripod type base with 1 1/4" tubular steel expansion column and 6 1/4x8" tilt top with piano type hinge that allows full 90° tilt. Weighs only 10 1/4 lbs. Positive leg lock. Measures 34" closed, 74" to 82" open, depending upon extension column setting. Hardwood, aluminum, steel.

13-004-HW3Y -- B&J Studio Stand . \$74.50
ECONOMY B&J STAND

Similar to above but without gear elevating mechanism. Height adjusted by hand, held by friction lock.

13-005-HW3Y -- B&J Economy Stand \$44.50

B&J Studio Stand as described above but with universal tilting gear head (illustrated above) in place of tilt top.

13-006-HW -- Studio Stand with Gearhead \$99.95

13-007-HW -- Economy stand with Gearhead 74.50

GEAR HEAD CONVERSION

Adapt your own B&J stand to gearhead.

13-008-HU -- Conversion, Including Head \$37.50

Sturdily built of anodized aluminum or heavy nickel plated steel tubing. All castings are of aluminum alloy with a baked, metallic grey enamel wrinkle finish. Universal tilting gearhead. Legs spread individually and are strongly braced against center housing. Crank-operated center column. Extension tube air cushioned. All stands feature a ratchet that holds center column at any height. Can be lowered by depressing a button. Hand-wheel locks center column for absolute rigidity.

51" MAJESTIC

13-009-HU -- Model 30A aluminum . . .	\$44.20
13-010-HU -- Model 30A with Gearhead	70.05
13-011-HU -- Model 30S steel	46.70
13-012-HU -- Model 30S with Gearhead	72.55

73" MAJESTIC

13-013-HU -- Model 40A aluminum . . .	\$47.50
13-014-HU -- Model 40A with Gearhead	73.35
13-015-HU -- Model 40S steel	50.00
13-016-HU -- Model 40S with Gearhead	75.85

100" MAJESTIC

13-017-HU -- Model 60A aluminum . . .	\$60.00
13-018-HU -- Model 60A with Gearhead	85.85
13-019-HU -- Model 60S steel	62.50
13-020-HU -- Model 60S with Gearhead	88.35
13-021-HU -- Tilt Gearhead 70 for above	25.85
13-022-HU -- Low Level Arm Bracket #80	5.85

80" MAJESTIC

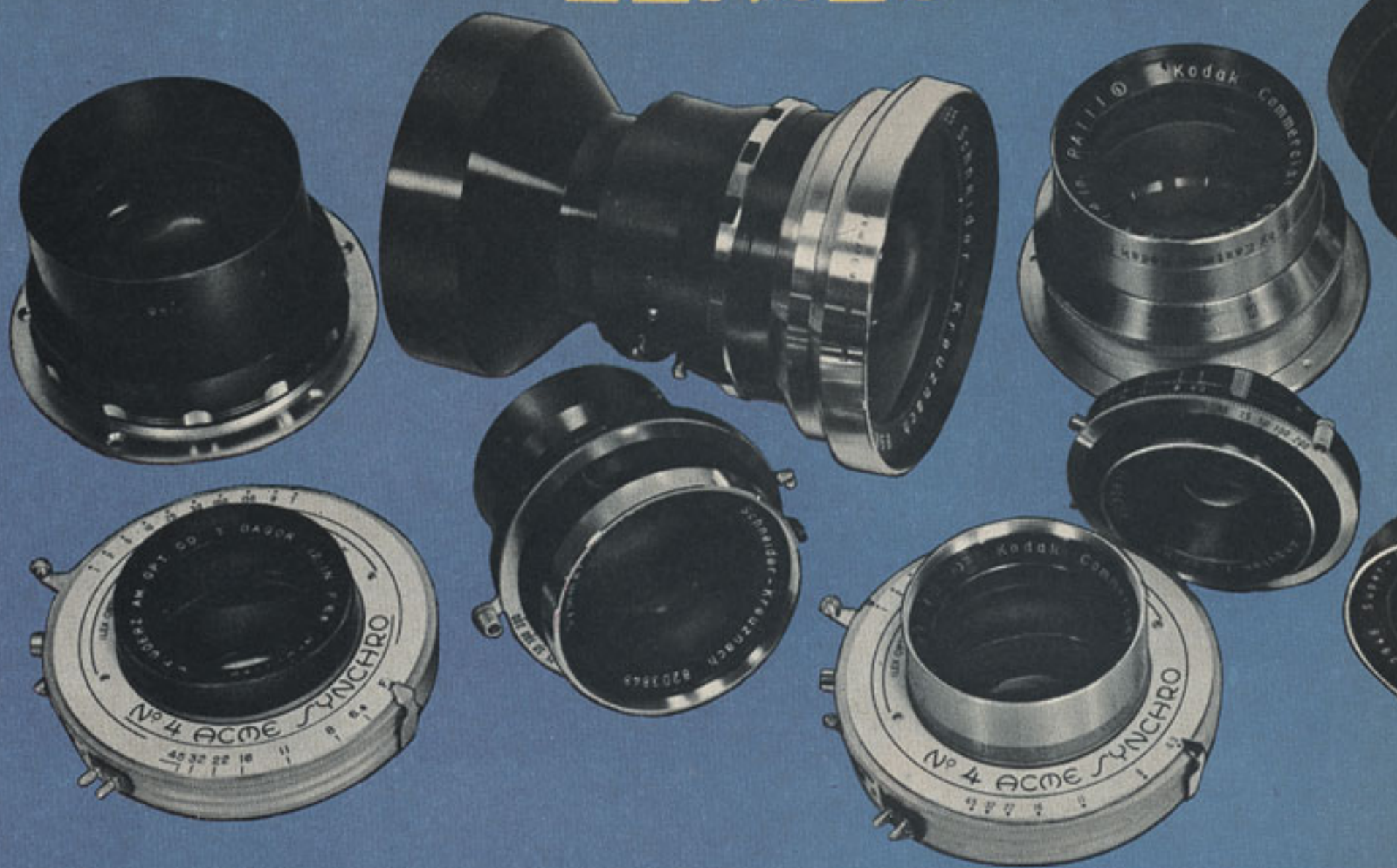
13-023-HU -- Model 50A aluminum . . .	\$55.85
13-024-HU -- Model 50A with Gearhead	81.70
13-025-HU -- Model 50S steel	58.35
13-026-HU -- Model 50S with Gearhead	84.50

GROVER CAMERA CHART

	4x5"	5x7"	8x10"
BELLOWS EXTENSION	21"	21"	29"*
SIZE LENSBOARD	5 1/4x5 1/4"	5 1/4x5 1/4"	6x6"
RISE and FALL of LENSBOARDS	6 1/2"	6 1/2"	6 1/2"
RISE and FALL of RACK	6 1/2"	6 1/2"	6 1/2"
LATERAL SHIFT, FRONT	3 1/2"	3 1/2"	3 1/2"
LATERAL SHIFT, BACK	5 1/4"	5 1/4"	5 1/4"
FRONT SWING		Unlimited	
BACK SWING		Unlimited	
FRONT TILT		Unlimited	
BACK TILT		Unlimited	
DIMENSIONS FOR SHIPMENT	15 1/4x19x22"	15 1/2x19x22"	15 1/2x19x22"
SHIPPING WEIGHT	16 lbs.	18 lbs.	20 lbs.

*Separate 31" monorail included for long bellow use.

Headquarters for America's Finest **LENSES**



Select a Lens that does the job best!

SCHNEIDER ANGULON — A moderately priced lens of symmetrical design for working in confined areas, interiors, narrow streets. The angular field of 80° increases to 90° when stopped down. Highly corrected and free of distortion. At the smaller apertures, extensive use may be made of camera movements. In fact, the next shorter focal length Angulon may be used instead to obtain extreme wide angle coverage of a given negative.

For landscapes or portraits, the front element, used independently, has a focal length of twice the complete lens, while the rear element has a focal length of $1\frac{1}{2}$ times. Exposure factor is 4X for the front and 3X for the rear.

SCHNEIDER SUPER-ANGULON — Modern high-efficiency, air-spaced construction of the Super-Angulon offers highest edge-to-edge definition and illumination. Distortion-free linear perspective with extreme angle of view of 100° even at full aperture.

As a normal wide angle lens, the Super-Angulon permits the fullest use of all the movements found on the latest professional type cameras. This outstanding lens possesses excellent resolution and contrast . . . finest results without stopping down. It enables the full diameter to be utilized without loss of quality.

SCHNEIDER SYMMAR — The Symmar is eminently suited for any assignment, in color or black and white, demanding needle-sharp definition. It is unsurpassed for commercial, industrial, advertising and architectural photography. The Symmar has an angle of view of 65° at full aperture, which increases to approximately 70° when stopped down. Its large image circle permits wider use of corrective tilts and swings found on modern view cameras. When the rear cell is used alone, the focal length is increased about 1.75X that of the complete lens at a speed of f/12. At full aperture it is quite suitable for portraiture.

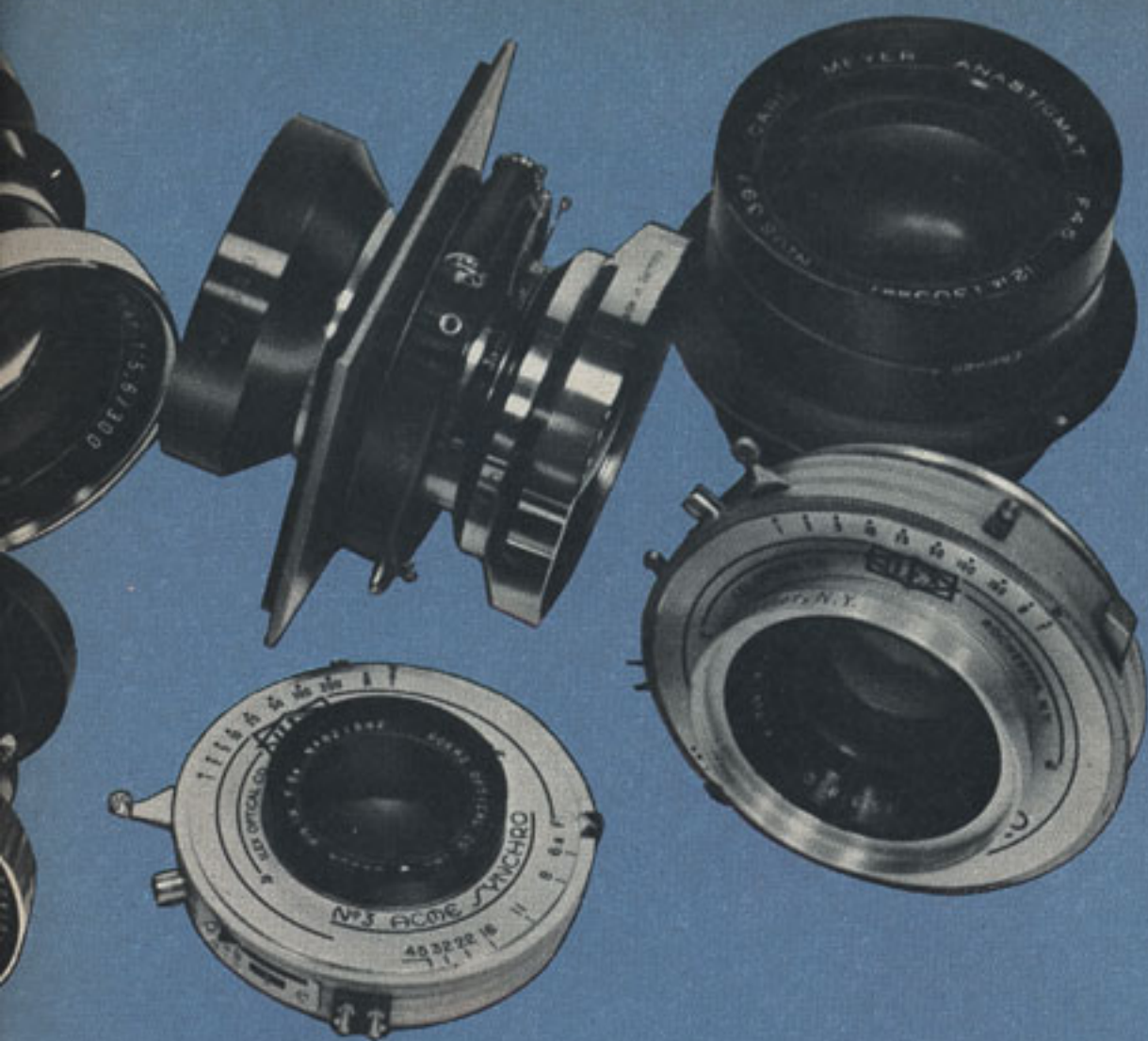
GOERZ WIDE ANGLE DAGOR — The Wide Angle Dagor is available in three standard focal lengths with full coverage of more than 90° . Barrel mounted lenses are available on special order.

SCHNEIDER XENAR — Ideal for all-round work in both color and black and white. Excellent light transmission, very fine definition with brilliant contrast and separation of tones. Meets every requirement for news, portrait, fashion, commercial and studio work. The perfect general purpose lens. Famous for flatness of field . . . Produces negatives that can be enlarged to tremendous proportions without loss of detail.

GOERZ GOLDEN DAGOR — The internationally famous GOLDEN DAGOR represents a successful result of the lens maker's art. It is the choice of discriminating cameramen and platemakers. Considered by impartial experts to be the highest quality professional lenses available, these lenses are perfectly color-corrected and cover a remarkable 87° . In the Goerz GOLDEN DAGOR, spherical and chromatic aberrations, curvature of field, distortion, and particularly astigmatism have been eliminated to such a degree that it is recognized as the standard of excellence among photographic lenses. GOERZ DAGOR lenses are widely known for their remarkable covering power. They will embrace an angle of view of 87° which is equivalent to covering a film with a diagonal of twice the focal length. The DAGOR will also give great satisfaction for wide-angle work. A 6" GOERZ DAGOR, for instance, rated to cover 4x5" at f/6.8 will cover almost an 8x10" film when stopped down.

GOERZ RED-DOT ARTAR — The "RED-DOT" series of the GOERZ ARTAR is the latest in a line of ARTARS which the majority of workers in the Graphic Arts have preferred for over 35 years. It utilizes the most recent developments in glass technology and manufacturing techniques for the improvement of its performance.

In addition to the lenses listed B&J offers the world's largest selection of lenses to fit any purpose. Ask for our catalog — free on request.



Suggested Lenses for 8x10" Cameras

WIDE ANGLE

165mm f/6.8 Angulon in X Compur
Order #15-017-HV \$264.00

121mm f/8 Super Angulon in MX
Compur
Order #15-018-HV \$464.00

NORMAL

300mm f/4.5 XENAR in X Compound
Order #15-019-HV \$435.00

300mm f/6.8 GOLDEN DAGOR in
Acme MX Sync Shutter
Order #15-020-HV \$468.00

LONG

480mm (19") f/11 RED DOT ARTAR
in Acme MX Shutter
Order #15-021-HV \$489.00

CONVERTIBLE (70°)

300mm f/5.6 SYMMAR in X Compound
Shutter
Order #15-022-HV \$480.00

Suggested Lenses for 4x5" Cameras

WIDE ANGLE

90mm f/6.8 Angulon in MX Compur
Order #15-001-HV \$154.00

120mm f/6.8 Angulon in MX Compur
Order #15-002-HV \$159.00

92mm (3-5.8") Wide Angle GOLDEN
DAGOR in MX Compur.
Order #15-003-HV \$275.00

REGULAR

150mm f/4.5 XENAR in MX Compur
Order #15-004-HV \$139.00

150mm f/6.8 GOLDEN DAGOR in
MX Compur
Order #15-005-HV \$229.00

LONG FOCUS

240mm f/4.5 XENAR in Compound-X
Shutter
Order #15-006-HV \$320.00

240mm f/6.8 GOLDEN DAGOR in X
Compur Shutter
Order #15-007-HV \$346.00

CONVERTIBLE (70°)

135mm f/5.6 SYMMAR in MX Compur
Order #15-008-HV \$159.00

150mm f/5.6 SYMMAR in MX Compur
Order #15-009-HV \$189.00

Suggested Lenses for 5x7" Cameras

WIDE ANGLE

120mm f/6.8 Angulon in MX
Compur Shutter
Order #15-010-HV \$159.00

90mm f/8 Super Angulon (100") in MX
Compur Shutter
Order #15-011-HV \$243.00

CONVERTIBLE (70°)

180mm f/5.6 SYMMAR in MX Compur
Shutter
Order #15-012-HV \$200.00

210mm f/5.6 SYMMAR in MX Compur
Shutter
Order #15-013-HV \$230.00

LONG FOCUS

240mm f/4.5 XENAR in Compound X
Shutter
Order #15-014-HV \$320.00

210mm f/4.5 XENAR in Compound X
Shutter
Order #15-015-HV \$284.00

NORMAL

210mm f/6.8 GOLDEN DAGOR in
MX Compur.
Order #15-016-HV \$277.00

Suggested Lenses for 11x14" Cameras

WIDE ANGLE (100°)

210mm f/8 SUPER ANGULON in MX
Compur Shutter
Order #15-023-HV \$990.00

REGULAR

480mm f/9 RED DOT ARTAR in Acme
MX Shutter
Order #15-024-HV \$489.00

CONVERTIBLE (70°)

360mm f/5.6 SYMMAR in X Compound
Shutter
Order #15-025-HV \$625.00

Lenses for Portrait Cameras

	4 x 5	5 x 7	8 x 10
Full length or Groups	6"-6½"	7"-8¼"	12-14"
Head and Shoulders	9"-10"	12"	18" up

No recommendation made as to brand since
we list many types in our catalog. (Free
on request)

TRIPODS — Chosen To Cover All Your Needs

Popular MAJESTIC Tripods Are Strong, Light and Steady.

Majestic tripods are strong and sturdily built of anodized aluminum or heavy nickel plated steel tubing. All castings are of aluminum alloy with a baked, metallic grey enamel wrinkle finish, with or without universal tilting gearhead.

Legs spread individually and are strongly braced against center housing. Crank-operated center column. Extension tube air cushioned.

All stands feature a ratchet that holds center column at any height. Can be lowered by depressing a button. Handwheel locks center column for absolute rigidity.

Majestic is popular with portrait, commercial, semi-pro photographers and with schools, hospitals, and industrial plants.

51" Model Majestic

Ideal for those who operate at medium levels where heights beyond the scope of center column are not a prime factor. Its construction eliminates all unnecessary extensions, reducing both weight and cost. Minimum height 33", maximum height 51". Weight: aluminum 6½ pounds; steel 9¾ pounds.

24-001-HU -- Model 30A aluminum	\$44.20
24-002-HU -- Model 30A with Gearhead	70.05
24-003-HU -- Model 30S steel	46.70
24-004-HU -- Model 30S with Gearhead	77.55

73" Model Majestic

Similar to Model 30 above but with added extension tube of 22". Air-cushioned to prevent all danger of sudden drops. Minimum height to top of head 34½", maximum height 73". Weight: aluminum, 7½ pounds; steel, 11 pounds.

24-005-HU -- Model 40A aluminum	\$47.50
24-006-HU -- Model 40A with Gearhead	73.35
24-007-HU -- Model 40S steel	50.00
24-008-HU -- Model 40S with Gearhead	75.85

80" Model Majestic

Adjustable leg tripod, extremely sturdy and rigid with smooth sliding leg extension. Hand wheel locks legs rigidly at any position. Minimum height 34½" maximum height 80". Weight: aluminum 8½ pounds; steel 13½ pounds.

24-009-HU -- Model 50A aluminum	\$55.85
24-010-HU -- Model 50A with Gearhead	81.70
24-011-HU -- Model 50S steel	58.35
24-012-HU -- Model 50S with Gearhead	84.50

100" Model Majestic

Extreme height, stand similar to Model 50 with addition of column extension as supplied on Model 40, providing 8'4" maximum height. Minimum height 35½", maximum height 100". Weight: aluminum, 9½ pounds; steel, 14¾ pounds.

24-013-HU -- Model 60A aluminum	\$60.00
24-014-HU -- Model 60A with Gearhead	85.85
24-015-HU -- Model 60S steel	62.50
24-016-HU -- Model 60S with Gearhead	83.35
24-017-HU -- Tilt Gearhead 70 for above	22.85
24-018-HU -- Low Level Arm Bracket #80	5.85



HOLLYWOOD Tripods — Great For Cine or Stills

Hollywood tripods are loaded with attractive features. One-hand control of pans and tilts... folding hand crank... pinion gear elevation without slippage... ring bearing stop for jam-proof leg control... rubber bumpers for steady ground support... chromed surfaces.



Jet Commander

Designed primarily for 8mm and 16mm movie and 4x5" press cameras. Patented Klutch-Kontrol Pan Head works like auto clutch action. Entire Pan Head and Leg Canopy are cast steel, brilliantly chrome polished. Top leg sections satin black. Length extended 66", closed 24". Four sections. Weighs 2¾ pounds.

24-019-HW3Y -- Jet Commander... \$39.95

Ballerina

Three-section Ballerina has pan head with double tilt. Features Insta-Camrelease permitting quick mounting or dismounting of camera. With extra coupler on second camera, switch from one camera to other in seconds. Insta Film Flip-over allows instant change from horizontal to vertical frame without changing tripod setting.

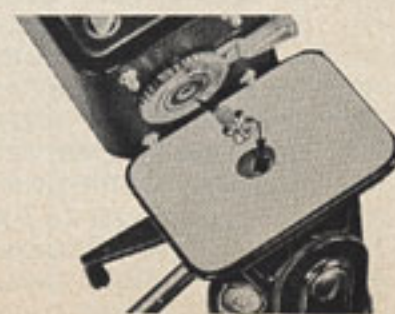
24-020-HW3Y -- Ballerina... \$29.95

Producer

Designed primarily for still and reflex cameras, Producer is compact and strong. Precision elevating column and Pan-Tilt control. Length extended 51", closed 15". Four sections. Weighs 2¾ pounds.

24-021HW3Y -- Producer... \$21.50

Insta
Camrelease



QUICK SET Tripods Are For Professional and Industrial Cameras

The three families of Quick-Set tripods are designed for different loads of professional and industrial cameras--Samson up to 25 pounds, Hercules up to 65, Gibraltar up to 200 pounds.

They are finely made to close tolerances. In the Gibraltar and Hercules series, the pinion is driven by a hand wheel through a steel-to-bronze worm gear reduction.

Samson--For Loads To 25 Pounds

Samson handles comfortably a large variety of medium-sized TV, motion picture and studio equipment. Tripods have strut-braced legs and worm-gear drive elevator column. Legs end in large neoprene tips. Crank folds away. LO-HI accessory unit drops camera to floor level for low angle shots. Dolly gives complete mobility. Height extended 80", closed 38", with column extension 98". Weighs 12 pounds.

25-001-HT -- Samson Tripod, Elevator with Still Camera Head	\$116.00
25-002-HT -- Tripod, Elevator, TV Friction Head	116.00
25-003-HT -- Samson LO-HI Unit	37.00
24-004-HT -- Samson Dolly (7601)	45.00
24-005-HT -- Column Extension	16.00

Hercules--For Loads To 65 Pounds

Legs with non-slip footplates attached by ball and socket joint. No-mar plates are safe on any surface, give ample bearing on mud and sand. Legs are strut-braced to center tube, swing in and out together, and may be locked at any spread. All-metal construction assures normal operation throughout extremes of temperature and humidity. Height extended 76", closed 34". Weighs 10 pounds.

25-006-HT -- Hercules Tripod, Elevator, With Friction Head	\$342.00
25-007-HT -- Tripod, Elevator, Geared Head	390.00
25-008-HT -- Tripod, Elevator, With Still Camera Head	355.00
25-009-HT -- Hercules LO-HI Unit	95.00
25-010-HT -- Hercules Tripod Dolly	110.00

See D&S Tripods -- Page 26.

Gibraltar--Loads Up To 200 Pounds

Largest and strongest of the Quick-Set line, Gibraltar handles equipment up to 200 pounds. Tripod with elevator weighs 42 pounds. Elevator 2-3/8" with 20" rise. Height 44" to 64". Telescoped 13x16x58". Dolly capacity 500 pounds. Height 9 1/2". Weight 34 pounds. Gibraltar geared head has worm-gear drive on pan and tilt. Height 8 1/2". Weighs 16 pounds. This bullishly strong unit is designed for the heaviest equipment and made for years of dependable service.

25-011-HT -- Gibraltar Tripod, Elevator, Geared Head	\$865.00
25-012-HT -- Tripod, Elevator, Without Head	400.00
25-013-HT -- Gibraltar Geared Head Only	465.00
25-014-HT -- Gibraltar Dolly	237.00

Burke and James Studio Stand For Cameras Up to 8x10 Size

Handsome is as handsome does -- and the B&J portable studio stand does a standout job of providing solid support for press, portrait, and view cameras up to 8x10".

Center post raises and lowers to desired height instantly by smooth rack and pinion gear mechanism. Flip lever down and column locks rigidly in place.

Stand consists of tripod type base with 1 1/4" tubular steel expansion column and 6 1/4x8" tilt top with piano type hinge that allows full 90° tilt. Weighs only 10 3/4 pounds. Positive leg lock. Measures 34" closed, 74" to 82" open, depending upon extension column setting. Hardwood, aluminum, steel.

25-015HW3Y -- B&J Studio Stand	\$74.50
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ECONOMY B&J STAND

Similar to above but without gear elevating mechanism. Height adjusted by hand, held by friction lock.

25-016HW3Y -- B&J Economy Stand	\$44.50
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For Full Control -- Studio Stand With Easy-Operating Gear Head



B&J Studio Stand as described above but with universal tilting gear head (illustrated at left) in place of tilt top.

25-017-HW -- Studio Stand with Gear Head	\$99.95
25-018-HW -- Economy Stand With Gear Head	74.50

GEAR HEAD CONVERSION

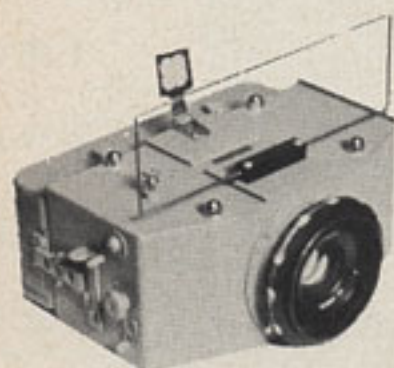
Adapt your B&J stand to geared head with B&J Studio Stand gear head conversion.

25-019-HU -- Conversion, including head (specify tripod, model B&J)	\$37.50
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You Get Negatives THIS Big with P A N O R A M



2 1/4 x 7" on 120 B/W or Color Film
Many Special Uses -- Post Cards --
Extra-Wide Photo Murals --
Sports -- Real Estate Pictures --
Crowd Shots -- Color Transparencies

You can do dramatic things with the remarkable Panoram 120, a B&J specialty camera that covers an extremely wide angle without distortion.

The sweeping view of the Panoram produces breath-taking landscapes, stadium shots, architectural studies of long, low homes and buildings, sailing regattas -- any picture that calls for wide-wide treatment. In black and white or color!

Custom modeled of lightweight aluminum. Lighter, more compact than many other wide angle cameras. Easy to handle indoors or outdoors.

Makes four 2 1/4 x 7" exposures on standard 120 film. Wire frame viewfinder. Weighs only 9 pounds. 4 1/2" high -- 10" wide -- 8 1/4" deep. Detachable magazines and detachable ground glass back included. Standard tripod socket.

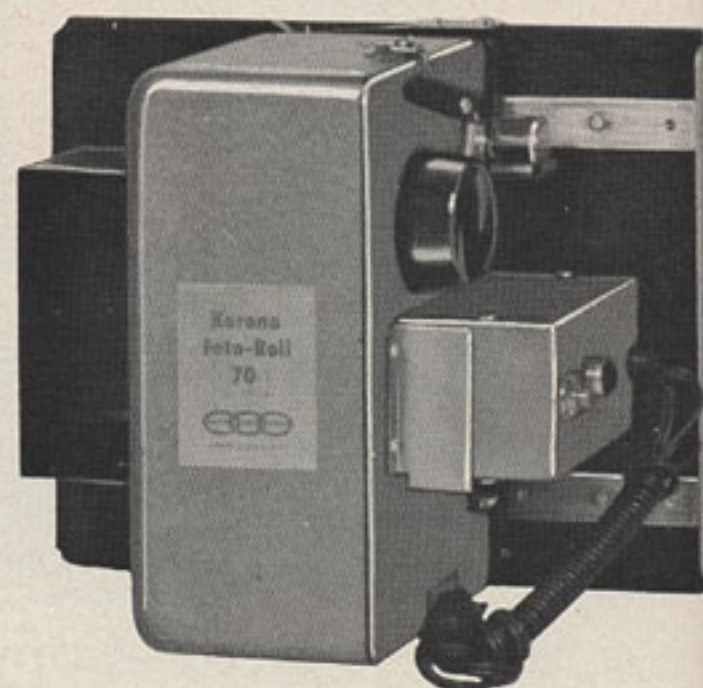
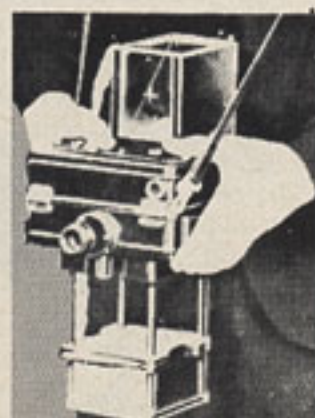
32-001-HW -- Panoram 120 with 4 3/4" f/6.8 Schneider Angulon coated lens in full synchro variable speed shutter and focusing mount for near or far pictures	\$395.00
32-002-HW -- Fiber carrying case for camera	27.00
32-003-HU -- Spare magazines	34.00
32-004-HU -- Spare focusing panel	24.00

"Street-Snapper" Camera -- Money-Maker!

Earn basic income -- or extra income -- with the "Street-Snapper." Take pictures of people passing by -- hand them numbered card -- many will order! Camera snaps single-frame negatives on regular 35mm film. Each negative registers a card number when exposure is made. Loads in daylight -- about 1500 exposure on 100-foot roll.

Special 2" f/3.5 anastigmat lens plus small lens for number recording system. Reflecting view finder, identification card rack with sample card. Includes mechanism for single-exposure and single-frame advance.

32-005-HX -- As above with 2" f/3.5 Ctd. Lens	\$275.00
32-006-HX -- As above except with 2" f/2 Ctd. Lens	349.00
32-007-HX -- As above but with 2" f/1.5 Ctd. Lens	399.50



330 to 1400 Pictures Per Load on Roll Film

Schools, industries, police departments are among users of B&J's Roll Film Camera Outfits. Outfits include lens, precision shutter, strobe-synchronized illumination, camera, stand. Everything you need for maximum number of pictures in minimum time at low expense.

Outfits use 100-foot rolls of film, short rolls or even cut film (special cut film model -- prices on request). Outfits combine the famous Rembrandt camera (see Section 1) on B&J folding studio stand, Korona Foto-Roll 70 camera back (or Korona Foto Roll 35 for 35mm film), and Hershey Ring Light -- 50 watt seconds electronic flash (up to 220 watt seconds at extra cost on special order), coated lens in self-cocking shutter. Fine equipment -- budget-priced!

32-008-HU -- 35mmx100ft. Outfit for single frame (3/4x1") exposures. Makes 1400 per full roll	\$397.00
32-009-HU -- 35mmx100ft. Outfit for double frame (1x1 1/2") exposures. Makes 700 per full roll	397.00
32-010-HU -- 70mmx100ft. Outfit for 2 1/2 x 3 3/4" exposures. Makes 330 per full roll	397.00
32-011-HU -- 70mmx100ft. Outfit for 1-5/8 x 2 1/2" exposures. Makes 660 per full roll	397.00
32-012-HU -- 35mmx36 Exposure Outfit for 1x1 1/2" exposures on standard 135 color or B&W film in cartridge	345.00
32-013-HX -- Electric Recorder for 70mm Outfit 32-010-HU & 32-011-HU above. Photographs number or name from sitting card to edge of film for identification. SPECIFY when ordering camera & add to price . . .	60.00

This entire photo --
cropped on all sides!
was made with

Super Wide-Angle Orbital
4x5" Camera



Normal View With 6" Lens

The s-u-p-e-r w-i-d-e a-n-g-l-e Orbital

Room Interiors -- Wide Scenics -- Architectural Shots...You Name It!

You're shooting a room interior in tight quarters . . . have to squeeze back into a corner for the angle you want. When an ordinary camera won't get the shot for you, our Wide-Angle Orbital will!

It's specially designed for wide-angle work -- majestic scenics, cramped interiors, dramatic architectural.

We make it in three sizes -- 2 1/4 x 3 1/4", 4x5", and 8x10", matching suitable lenses for optimum coverage.

The photograph above illustrates the extra coverage you get with the Wide-Angle Orbital -- enough to make "impossible" shots possible, enough that Orbital should be among your photo tools if you are doing a variety of photographic jobs.

Specifications

CONSTRUCTION -- High-test aluminum alloy body and parts, no bellows. Light grey enamel finish (Navy instrument grey per spec. MIL-E-15090B). Chrome-plated hardware.

OPTICS -- 65mm FOCUS f/8 Schneider Super-Angulon in Compur M-X shutter with lock cable release. Apertures f/8 to f/45. Shutter speed settings 1/500th to one second (10 settings) and Bulb. Accepts Series VII filters. No optical view finders.

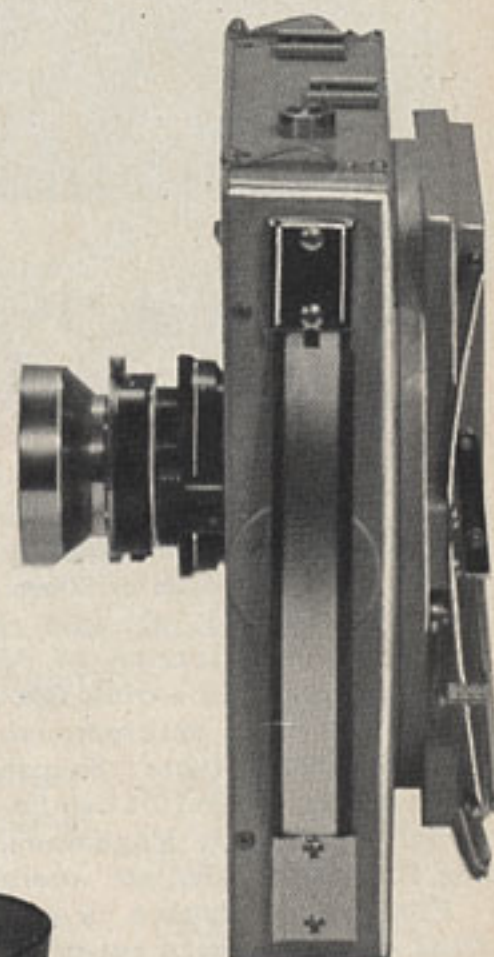
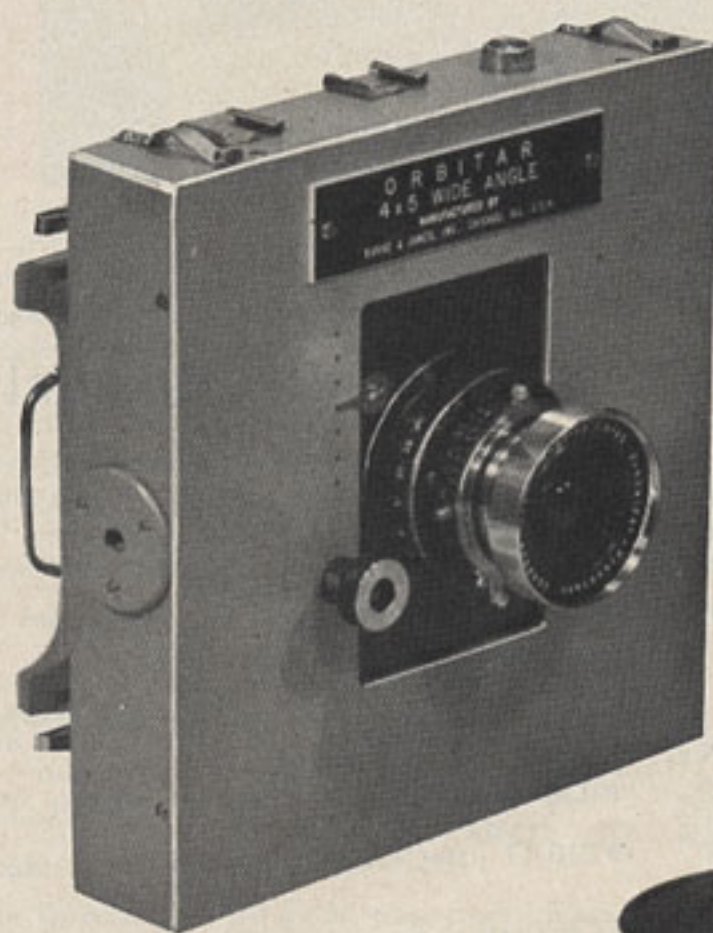
FOCUSING -- Helical focusing mount (lens does not turn). Settings: Inf. 50-25-8-5-4-3 ft. Calibrated ground glass viewing beyond infinity for aerial photos.

CONTROL -- RISE AND FALL front board via rack and pinion with position indicator and lock, 3/4" above and 3/4" below middle position.

REVOLVING BACK (360°)-OTHER FEATURES -- Two accessory clips, two tripod mounting plates @90°, bubble, level, lever release of ground glass frame.

DIMENSIONS AND WEIGHT

2 1/4 x 3 1/4 MODEL -- 5-5/8" high, 6" wide, 3-5/8" deep. Weighs 2 pounds 6 ounces.



4x5 MODEL -- 8" high, 8-3/8" wide, 2 1/2" deep. Weighs 3 3/4 pounds.

8x10 MODEL -- 12" high, 12" wide, 7 3/4" deep. Weighs 9 1/2 pounds.

Lenses -- Prices

- 33-001-HW -- 4x5 ORBITAR as above, with 65 mm f/8 Schneider Super-Angulon, carrying case, cut film holder, Perle focusing cloth \$445.00
- 33-002-HW -- Orbital, as above but with Graflok back. 499.00
- 33-003-HX -- 4x5 Polaroid #500 sheet film adapter for above 40.00
- 33-004-HW -- 2 1/4 x 3 1/4 MODEL, as above except with 47mm f/8 Super-Angulon Lens and Graflok Back. 385.00
- 33-005-HW -- 8x10 MODEL constructed of hardwood with focusing screen, 120mm Schneider Super-Angulon Lens in Compur M-X. With case and accessories as above 666.00

**MODIFIED
DARLOT-PETZVAL
FORMULA**
SOFT-SHARP
QUALITY



REMBRANDT SUPER-PORTRAIT For Better Portraits

Rembrandt super-portrait lenses give the "soft-sharp" quality so sought-after in portraiture. The three-dimensional roundness they produce makes portraits come to life. Minimum retouching is needed on negatives by these fine Pinkham-Smith style pictorial lenses. Made like the originals—Modified Darlot-Petzval formula for modern materials.

15 DAY TRIAL — SATISFACTION GUARANTEED

Rembrandt Super-Portrait lenses, like all Burke & James lenses are fully guaranteed. To prove their outstanding qualities, they are sold on a 15 day trial with full money back privilege or exchange for a different type or style lens.

SOLD ON A MONEY BACK BASIS

Rembrandt Super-Portrait lenses are offered in various focal lengths.

10" F:8 Rembrandt Super-Portrait lens in barrel with iris.....	\$199.50
10" F:8 Rembrandt Super-Portrait lens in Alphax Synchro Shutter.....	\$285.00
14" F:6 Rembrandt Super-Portrait lens in barrel with iris.....	\$299.50
14" F:6 Rembrandt Super-Portrait lens in Alphax Synchro Shutter.....	\$385.00
18" F:6.8 Rembrandt Super-Portrait lens in barrel with iris.....	\$399.50
18" F:6.8 Rembrandt Super-Portrait lens in Alphax Synchro Shutter.....	\$495.00

Order above by Cat. No. 14998-HU