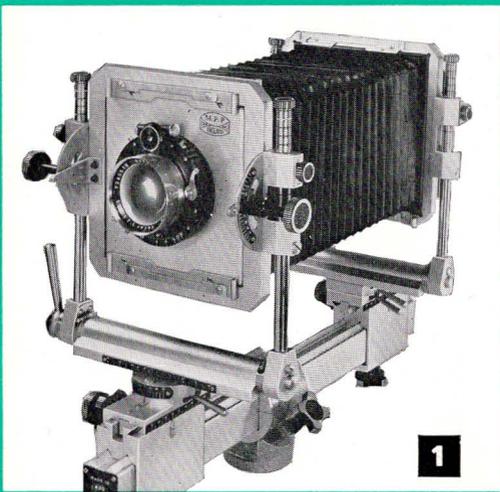
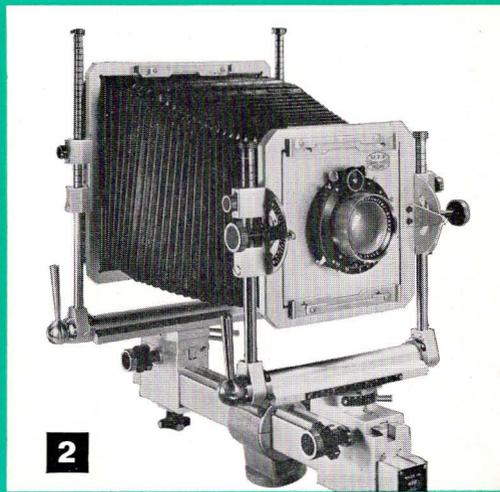


M.P.P. MONORAIL CAMERA

A new approach to monorail design combining M.P.P. experience in technical camera manufacture with exhaustive research into the requirements of professional photographers.



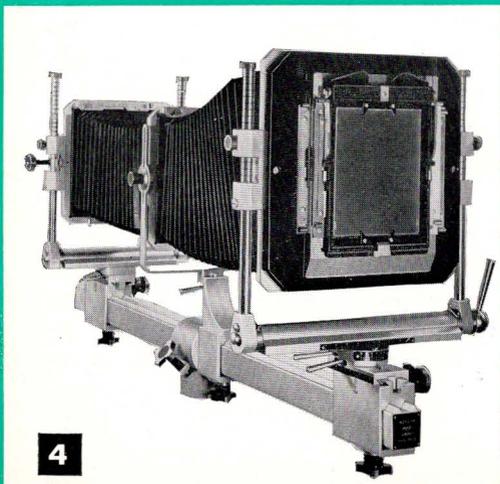
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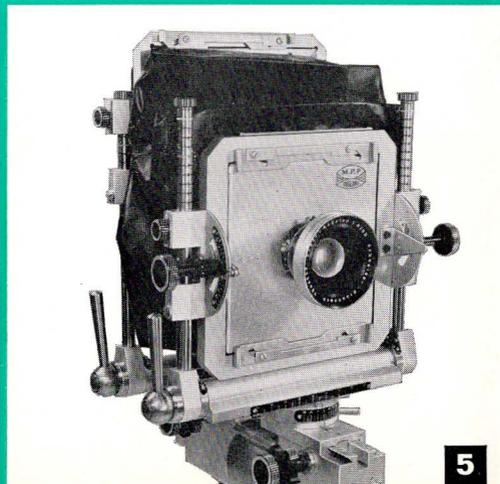
2



3



4



5

The preference of a monorail design for studio cameras is increasingly apparent. The monorail provides the greatest versatility and is readily adaptable to the varying requirements of the modern studio. In the M.P.P. Monorail, the maximum flexibility of unit arrangements has been catered for with the utmost stability and a range of movements unmatched by any other maker. The precision double V rail carries the sliding units smoothly and ensures their correct alignment when the units are locked on the rail.

- 1** The standard 4 x 5 camera.
- 2** The standard 4 x 5 camera has been converted to a 5 x 7 camera by substitution of the back element and specially designed bellows.
- 3** The 5 x 7 format is shown here with double bellows extension supported by a centre auxiliary frame mounted on the 30" monorail.
- 4** The standard 5 x 7 camera is illustrated with a 4 x 5 adapter substituted for its normal focusing back.
- 5** Bag bellows fitted in place of normal bellows on the 4 x 5 camera, enabling use of super wide angle lens at its minimum focus.
- 6** Revolving back provides instantaneous change of format.
- 7** When the 5 x 7 format is being used, the front pillars require extensions to the front unit with the back line up.
- 8** The locking levers to the base tilt can be adapted to any convenient position.

MOVEMENTS

| | | | |
|------------|-----------------------|--------|---|
| FRONT UNIT | ■ Rising Front | 1.3" | Above centre |
| | ■ Drop Front | 1.3" | Below centre |
| | ■ Axis Swing of Panel | 45° | Either side of centre |
| | ■ Cross Front | 2" | " " " " |
| | ■ Swing Front | 30° | " " " " |
| | ■ Base Tilt | 90° | " " " " |
| | ■ Focusing | 1 1/4" | " " " " |
| BACK UNIT | ■ Rising Back | 1.3" | Above centre |
| | ■ Drop Back | 1.3" | Below centre |
| | ■ Cross Back | 2" | Either side of centre |
| | ■ Swing Back | 30° | " " " " |
| | ■ Base Tilt | 90° | " " " " |
| | ■ Focusing | 1 1/4" | " " " " |
| | ■ Rotating Back | 360° | Located at 90° intervals by ball catches. |

SPECIFICATION

Main construction in extruded aluminium, silver/black anodised. Pillars, clamps and collars in polished stainless steel, all other components, steel or brass, chromium plated. Rail clamp: aluminium casting, stove enamelled grey.

- BELLOWS** Hand-made from selected leather.
- SCALES** All movements are registered on black anodised scales with clear calibrations.
- ASSEMBLY** Bellows and lens panels fit into front and back supports (and where used, the centre support) by quick-action sliding locks.
- FOCUSING** Front and back units clamp on to rail by lower knobs and fine focusing on dovetail slides is effected by the side knobs which can be locked firm.
- MOVEMENTS** All movements lock into desired position and the locking levers controlling tilt can be re-positioned while in their locked state. All movements are registered in their central position by ball catches.
- BACK UNIT** Incorporates M.P.P. 'International Back' providing the facility of quick interchange of negative sizes
4 x 5 plates in Double Plate Holders
4 x 5 cut film in Double Film Holders or in Grafmatic Holders
9 x 12cm. cut film or plates in Single Metal slides
 $3\frac{1}{4} \times 4\frac{1}{4}$ plates or cut film in adapters
Roll film in roll film adapters
Spring loaded slide holder permits rapid insertion and removal of standard 4 x 5 Double Dark slides
Ground glass viewing screen has a self erecting hood assembly which springs open at a finger touch. The assembly hinges out of the way when not required. The whole assembly rotates for quick format selection positioned by ball catches at 90° spacing.
- TRIPOD BUSH** $\frac{3}{8}$ " Whitworth bush in base of rail clamp.



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