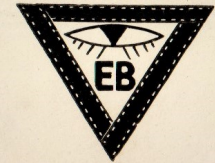


Bauer

M5

BAUER LTD.
Warner House, 135 Wardour Street, London, W.1.

Bauer



STEEL
PROJECTOR

M 5

VARIOUS MODELS :—

Right or Left-hand Type.

One-Man Outfit.

Travelling Outfit.

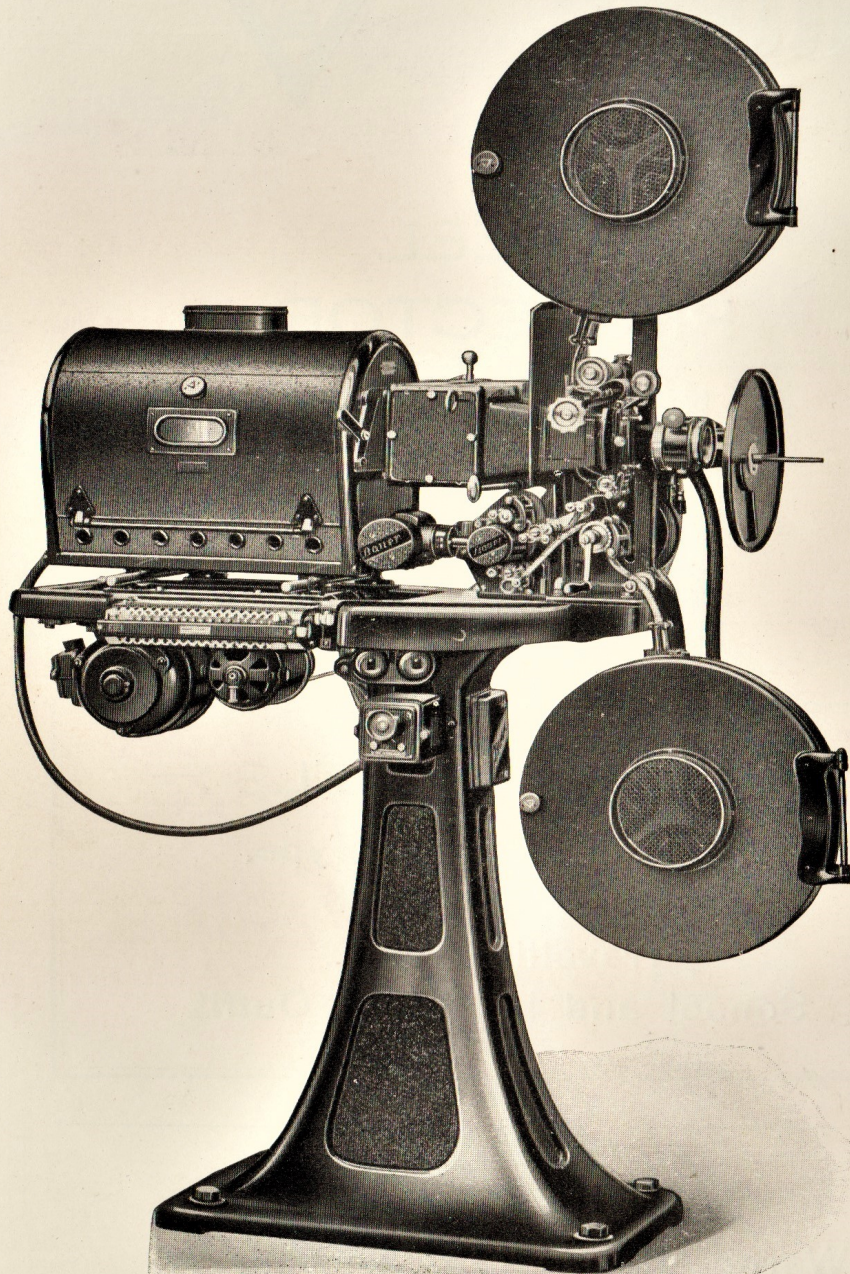
School and Lecturing Outfit.

BAUER LTD.,

Warner House, 135, Wardour St.,
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M 5 Right
Machine
on light
pedestal
with Bauer
Soundhead
LT 5.

BAUER STEEL PROJECTOR M 5

The Bauer Steel Projector M 5 was responsible for making Bauer products world famous and in practical use in theatres of any size, and has satisfactorily fulfilled the demands placed upon it.

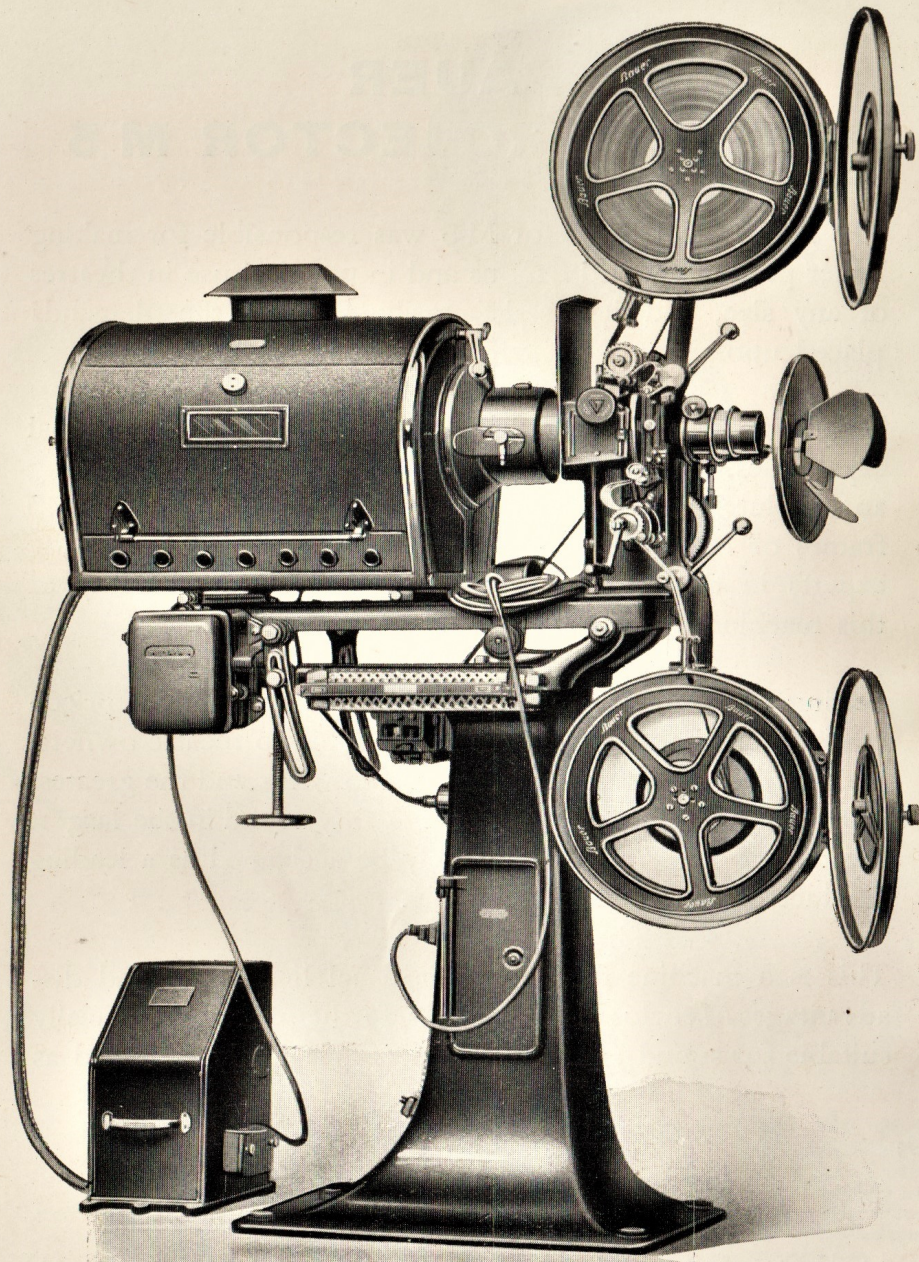
Despite its low price, the Steel Projector M 5 has exceptional capabilities. Utility and simplicity, great stability, giving an absolutely rock-steady picture, even at high speeds (40 frames or more per second) are the testimonials of leading experts in the trade concerning the absolute reliability of this machine in daily use.

Setting aside all external appearances, a moderately priced machine of the best quality is here offered to theatre owners. This Projector, which has been built to withstand the greatest tests of practical use and is consequently found in the largest theatres of the World, may surely be acclaimed as a leading product of the Cinema technique.

This is a machine free from the usual limitations and disadvantages of enclosed mechanisms, furthermore it is especially suitable for sound film projection and is justly esteemed as

a machine of great utility

A special model of the Steel Projector M 5 is also made for Schools and Lecture Halls, etc. Model "B."



M5 School and Lecture Machine with device for stopping and reversing. Model B.

Projector

Solid construction, coupled with the greatest precision in manufacture, ensures unlimited reliability and endurance powers. An absolutely rock-steady picture and easy, noiseless running, even at high speeds, are additional factors of importance.

All fast running parts of the drive (such as Maltese Cross, gears, etc.), are enclosed in dustproof oilbaths, thus minimizing wear and tear. In the construction of the Projector, material is used which has proved its efficiency for more than ten years. All parts are accurately machined and, therefore, can be replaced without difficulty. The Projector itself can be used to replace apparatus of the same type, thus enabling the use of any spare parts remaining from the previous installation.

Maltese Cross and Cam

Especial care in the construction of these machines are a guarantee of perfect precision. Loosening of the striker pin and roller is practically an impossibility, thanks to the design of the tapered seating of this item.

The Maltese Cross and Cam are manufactured from suitable high grade steel. Owing to the special method of fixing the striker pin, the Maltese Cross is assured of an exceptionally long life. As proved by many years of experience—M 5 has been on the market since 1918—we can safely assert that defects in the intermittent movement will never arise under normal conditions of use.

Flywheel

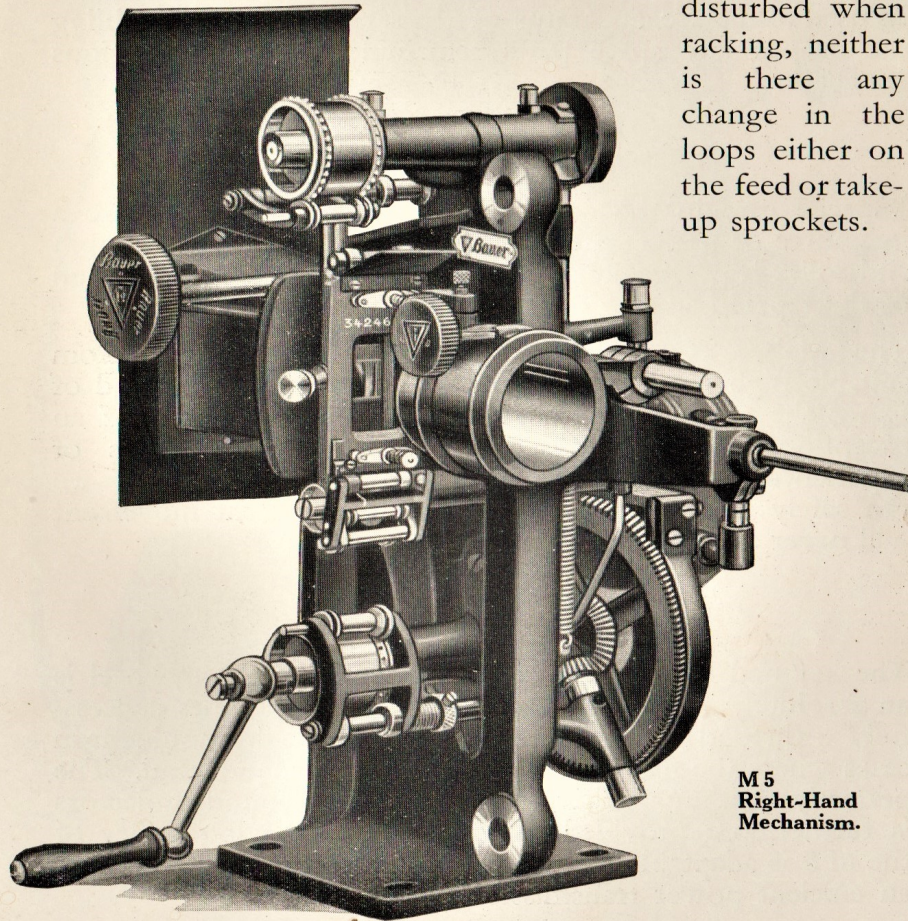
The key and locking pin used in assembling the flywheel is an absolutely safe and permanent method which has successfully withstood all tests; moreover it is particularly suitable in cases where the flywheel is coupled to the sound head. The perfectly continuous drive so necessary for sound projectors is furthermore provided for, in that the driving pulley of the M 5 is adaptable for use with a flat section belt to ensure an efficient power transmission.

Shutter Spindle

Unlike other types, this has not been mounted on the movable gate, but to the body of the machine and connected to the movement by a sturdy and ingeniously constructed ball joint. The film is exposed by the shutter in a vertical direction, thus obtaining maximum light efficiency.

Masking or Framing

This is done quickly and easily by means of a hand wheel. As is the case with all modern machines, there is no necessity for readjusting the lamp. The running of the film is undisturbed when racking, neither is there any change in the loops either on the feed or take-up sprockets.



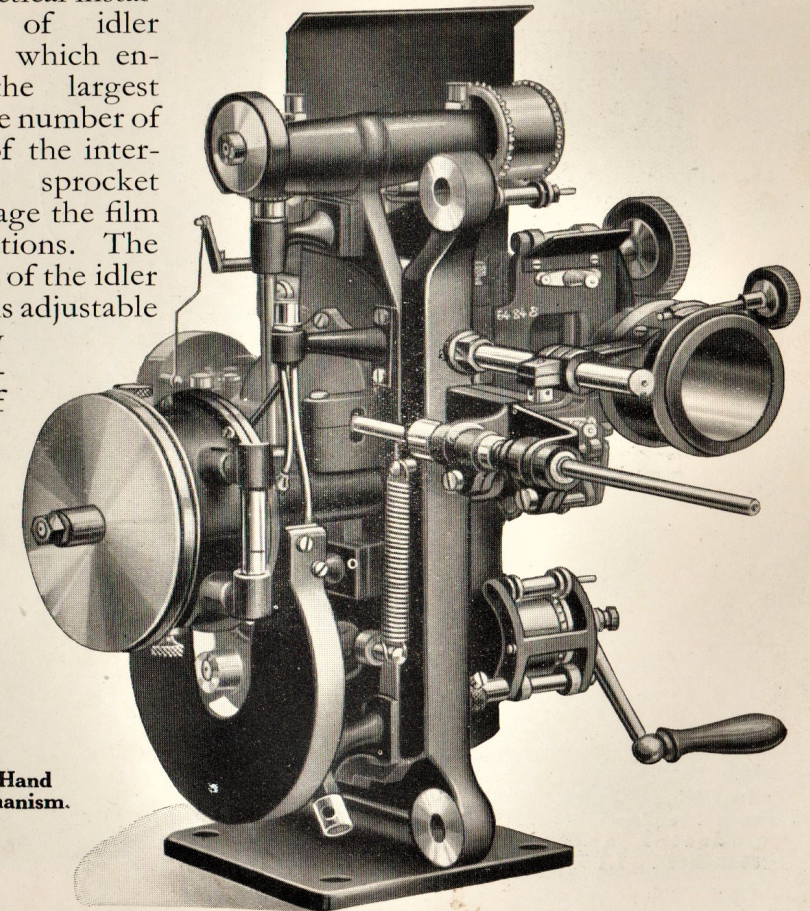
M 5
Right-Hand
Mechanism.

Picture Gate

The picture gate is mounted independently of the film track and a safety shield to the rear absorbs all stray heat diffused from the gate and effectively prevents overheating of the film before passing the projection point. The built-in sound track mask enables the immediate unmasking of the sound track at any time.

Film Track

Careful design has rendered possible the projection of film even with faulty perforations. The exceptionally long path of the film track is a preventative against any combustion which may occur in the picture gate spreading to the remaining film. Avoidance of undue film wear is assured by the practical installation of idler rollers, which enable the largest possible number of teeth of the intermittent sprocket to engage the film perforations. The tension of the idler rollers is adjustable to any condition of film.

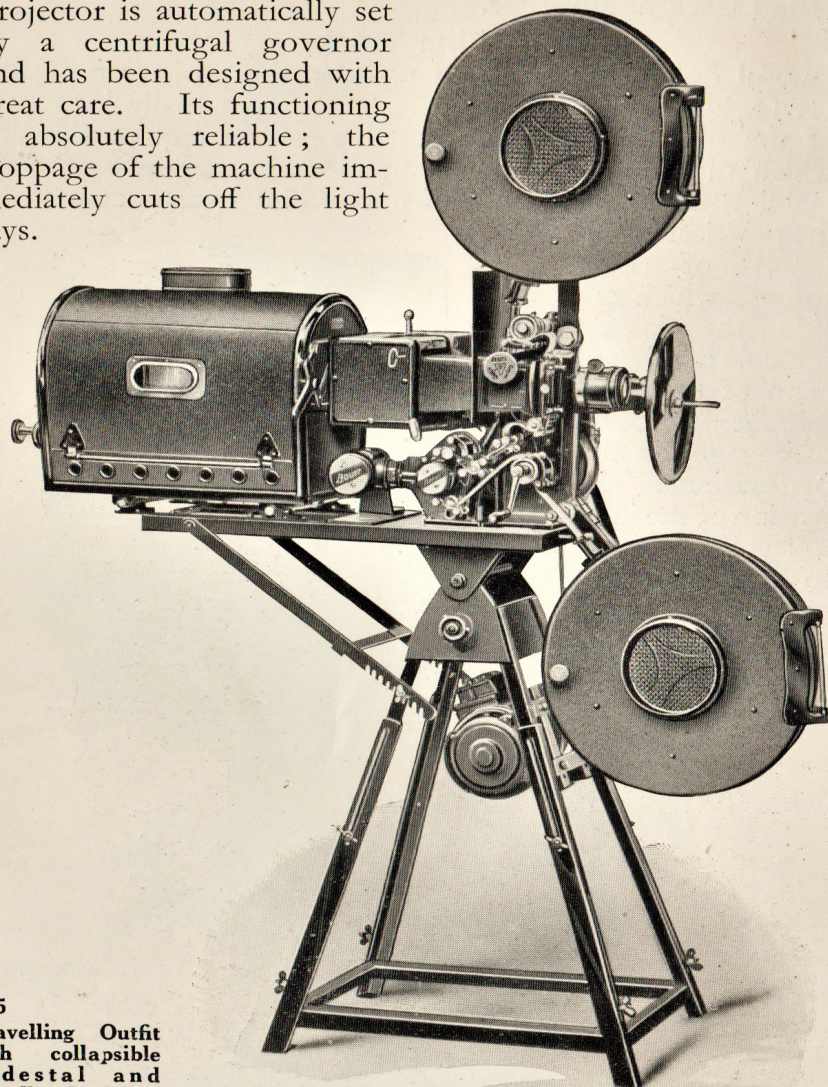


M 5
Left-Hand
Mechanism.

Threading of Film

This is facilitated greatly by the fact that the film track from the upper to the lower driving sprocket is not impeded by any other part of the Projector.

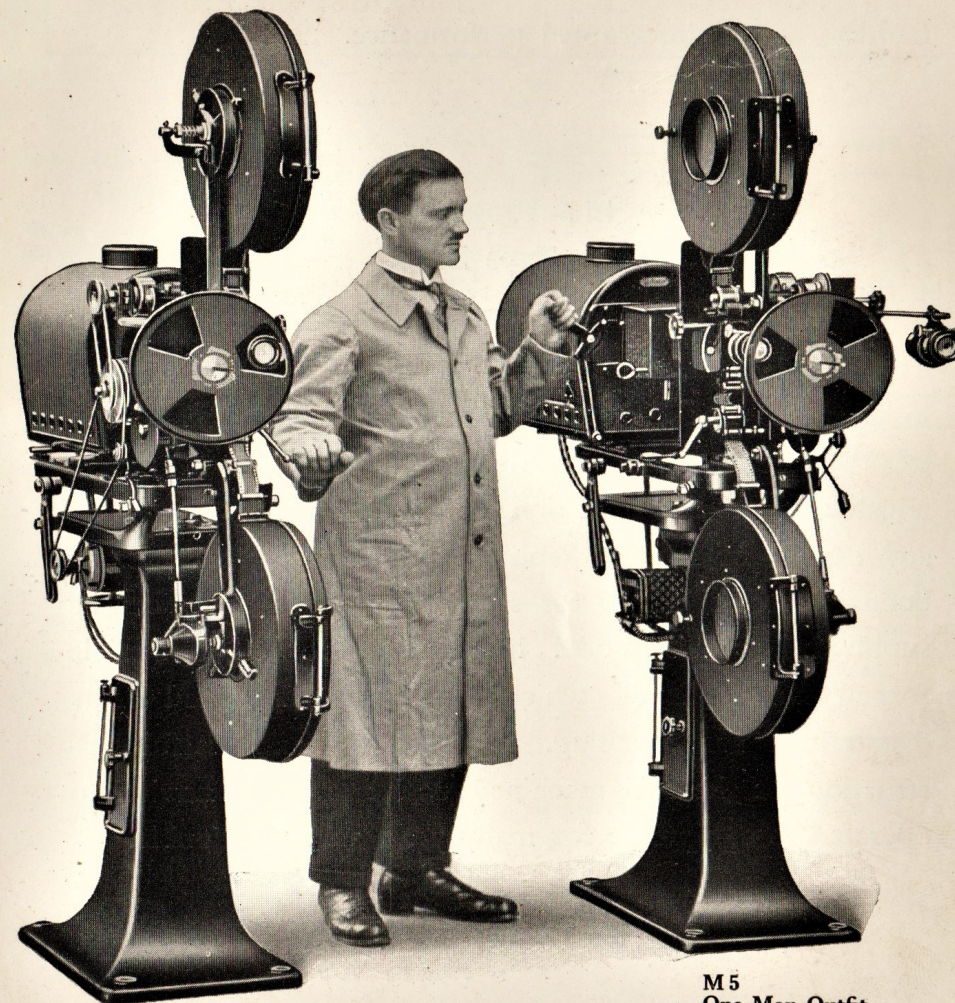
The fire safety shutter on the Projector is automatically set by a centrifugal governor and has been designed with great care. Its functioning is absolutely reliable; the stoppage of the machine immediately cuts off the light rays.



M 5
Travelling Outfit
with collapsible
pedestal and
soundhead LT 5.

One-Man-Outfit

The "One-Man-Outfit" has become familiar in trade circles. M 5 is also supplied in this combination, namely with a right-hand and left-hand drive Projector. This equipment assures ease of operation and an increase in reliability. As may be learned from the name, it is possible for both



M 5
One-Man-Outfit.

machines to be served by one operator without difficulty. This installation offers exceptional advantages for perfect changing over and is a definite aid to perfect sound film projection.

The One-Man-Outfit enables installations to be carried out in projection rooms of limited size and ensures a faultless and uninterrupted performance.

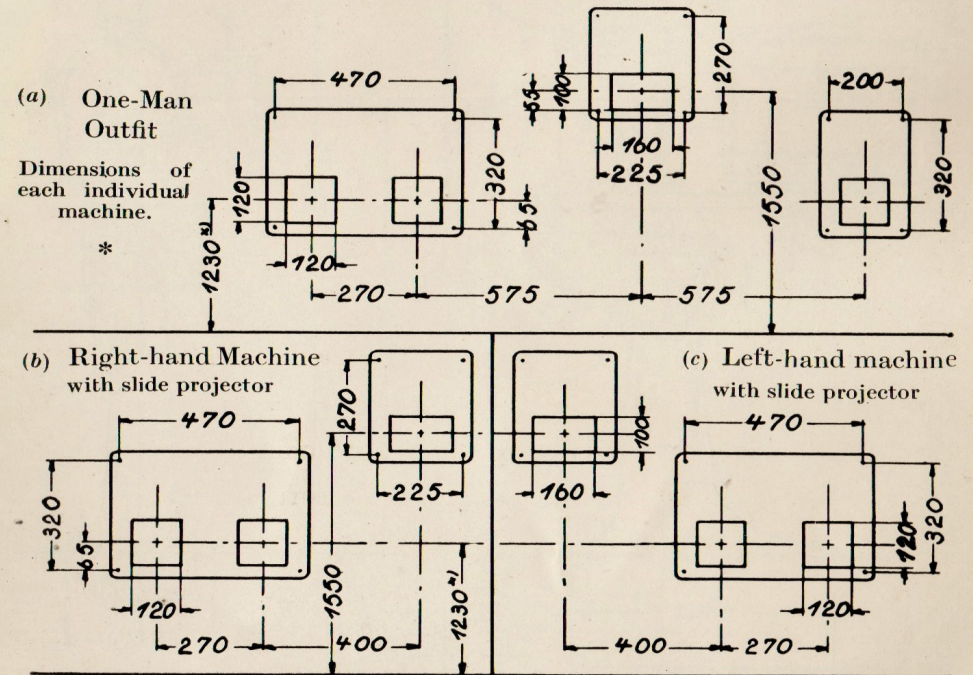
**M 5 Projector,
Type B.**

School and Lecture Model.

The M 5 Projector, Type B, is supplied for projection in premises not licensed for regular performances. For this purpose special contrivances have been employed, which render the operation of the machine free from any danger of fire. If required for lecturing purposes, in Schools, etc., a device for stopping and reversing can be supplied. This model has a four legged collapsible forged iron pedestal, which can be quickly and easily dismantled for travelling. The quality and useful construction of the M5 machine enables even a novice to operate the equipment for many years without trouble.

**Dimensions of
PROJECTOR PORTS**

also layout for complete installation length, height and width for pedestals on page 12.



**If enough room is available, it is recommended that an additional observation port be placed to the right or left of the machine.*

BRANCHES THROUGHOUT THE WORLD.

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