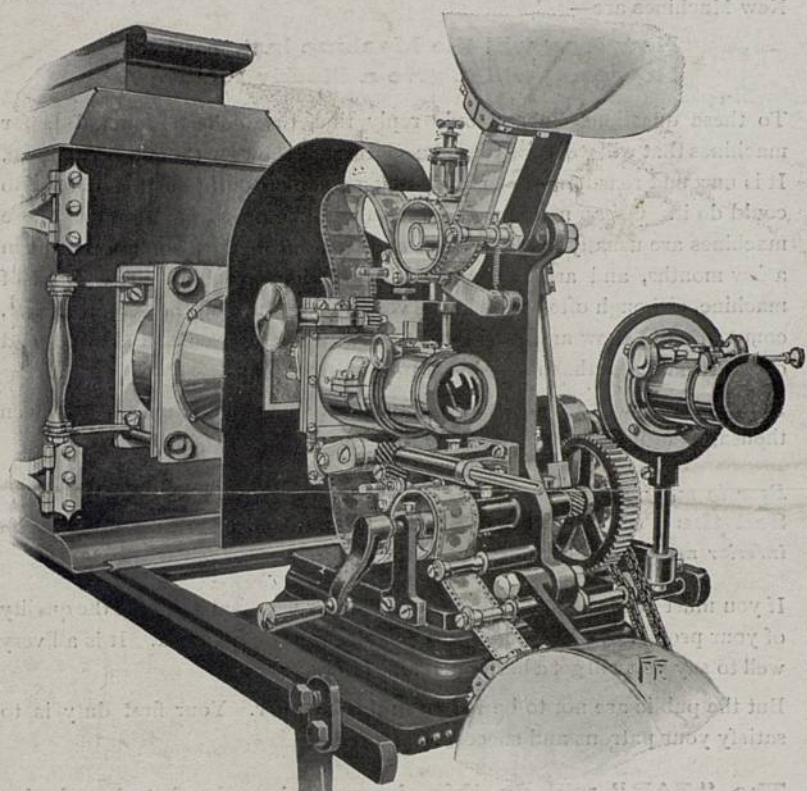


# THE "ZAR"

IS AN ABBREVIATION FOR  
"CZAR"

## The King of Projectors



*Note the strength of its construction.*

YOU CAN PAY LESS FOR A MACHINE

YOU CAN PAY MORE FOR A MACHINE

*but you cannot buy one that will beat*

### The "ZAR"

For Long-Life with Perfect Results and Immunity  
from Breakdown.

*"It is truly the Machine Par Excellence."*

AGENT:

W.D.  
8°  
207  
BR



## INTRODUCTION.

### A Word to Intending Buyers.

The most and all important points to be considered by those installing New Machines are—

**How long will the Machine last, and  
How long will it give a Steady Picture ?**

To these questions we can only reply that the modern demand is for machines that will work for years on continuous shows without a breakdown. It is unsound reasoning to suppose that a complete outfit costing about £30 could do it. Cheap machines are turned out like peas from a sack. These machines are usually made of brass or other soft metals, which wear out in a few months, and are the cause of continuous troubles. This class of machine, although often showing a very fair picture on the screen at first, commences to show an unsteady picture within a few weeks, and at the end of about nine months finds its way to the scrap heap.

In the meantime it has disgraced the theatre on which hundreds, or even thousands of pounds had been spent.

**Bear in mind the Picture Theatre Showman has nothing to  
Sell the Public except his Pictures, and to present them on an  
inferior machine is courting financial disaster.**

If you must cut things fine, do it in any other way, but don't cut the quality of your projector. You might just as well close your pay box. It is all very well to say you will get a better machine later.

But the public are not to be fooled in this manner. Your first duty is to satisfy your patrons and success is assured.

**The "ZAR" will do this, because it is made of steel, and what  
is more bears our guarantee that it will do it, for we undertake to  
replace any part damaged by fair wear within 2 years,  
and guarantee a steady picture so long as the machine remains in use.**

Lastly, we would point out it is just as easy for us to make cheap machines as any other manufacturer, and desire it clearly understood we have made The "ZAR" as cheaply as we can, with all due respects to the material in its construction. Each machine is turned out separately and receives perfect adjustment in every respect, yet all parts are standardised to enable replacement of any part at a moment's notice.

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## SHORT SPECIFICATION OF THE "ZAR."

### Mechanism.

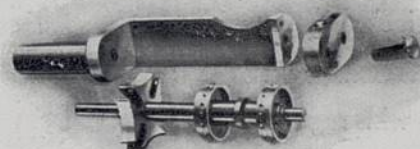
The first thing that strikes one is its solidity and workmanlike appearance. Every piece is built to stand hard wear and is made of the best steel for the purpose. The Film *never* touches the mechanism in its passage from Spool to Spool. Motion is transmitted by Gear Wheels and Skew Gearing, thus ensuring long life and easy running—with infallibility of action.

Following the best mechanical practice, the Gear Wheels are of extra width ( $\frac{1}{2}$ -in.) the main driver is of PHOSPHOR BRONZE the remainder are of finest tool Steel. This practice reduces the wear of the teeth to a minimum.

### The Maltese Cross.

The illustration shows how easily the Cross is taken apart.

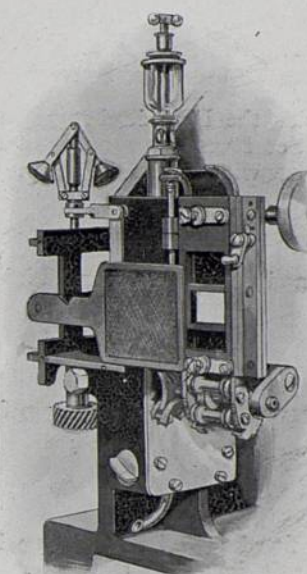
It is of large size and immediately removable and adjustable for wear by simply turning a Set Nut, and by this invention the Cross will never give an unsteady picture. Lubrication to this vital part is by means of a drip Lubricator fitted with Sight Feed. See illustration on opposite page.



### Condenser Cell.

Is well ventilated and mounted in a special slide fitted outside the Lamp House, thus keeping the lenses cool and allowing of instant removal for replacements. The  $4\frac{1}{4}$  inch Double Convex and Meniscus water white glasses are Mounted in a spring mount.

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### Shutter

Is provided with Set Screws and its design entirely does away with Flicker, giving at the same time the maximum of light.

### Patent Fireproof Device.

(As the illustration on page 1 shows), a long Asbestos Lined Steel Screen is fitted between the Lamp House and the mechanism. In this is set the Automatic Light Cut Off (as this illustration), worked from a Ball Governor and which passes sufficient light to frame the Picture without risk of Fire. Operators will greatly appreciate this trouble saving device, which is one of the "ZAR" patents.

### The Steel Sprockets

Are of the eight Picture size, fitted with heavy cradle rollers, so designed that RIDING IS IMPOSSIBLE.

### The Spool Boxes

Are blocked from one piece, and are light and very strong, being made from a mixture of aluminium and hard metals—they are fitted with special steel grooved rollers with covers and springs that effectively prevent fire from entering the box.

### Lamp House

Of finest quality Double Russian Iron, and will take any Arc Lamp, and is built on an angle iron frame. The Door is the same size as Lamp House, making Carbon adjustment easy. A screened eyeglass is fitted to the Door and the bright parts are finished in heavy Nickel Plate. The Lamp Tray is fitted with spring seating to accommodate any size Arc Lamp, and the body is large enough to take any size Carbons.

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# Cinema-Halles, Ltd., Specialities.

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# Cinema-Halles, Ltd., Specialities.

*Specification Continued.*

## The Gate

Is of novel design, extra long and holds the Film dead steady and flat. Adjustable Gate Springs with Set Nuts are fitted, and the hardened Steel Runners on which they act will wear indefinitely.

## Picture Adjustment

Is made by means of a milled head and heavy Rack and Pinion, entailing NO STRAIN on the Film.

## All Rollers

Are made in three parts, preventing uneven wear and giving a free passage to the Film.

## Lubrication.

All Spindles and Wearing Parts are fitted with large Spring Lid Lubricators, which exclude dust and grit from the Bearings. (A feature worthy of note).

## The Price

Is really low, considering that the machine has no Equal as Projector of long life qualities—AND IT MUST BE NOTED that the Machine is heavily nickel plated throughout.

### PRICES.

	£	s.	d.
Projector with safety shield, fireproof shutter, automatic take-up and Cinematograph lens ... ..	30	0	0
Projector complete as above, mounted on wrought iron base, with special lamp house and outside condensers light funnel and spool boxes . ... ..	39	10	0
Extras if required.			
Lantern lens and attachment ... ..	1	12	6
Lantern slide carrier (solid brass) ... ..	0	12	6
Heavy Arc lamps ... .. from	2	10	0
Perfectly rigid wrought iron stands, with special raising device ... .. from	1	10	0
Combined spool Film winders, British made, fully geared and guarded ... .. from	1	10	6
Driving Motors of highest efficiency, with regulating starting resistances ... .. from	3	0	0

SPARE PARTS CAN ALWAYS BE HAD IF REQUIRED.

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# Cinema-Halles, Ltd., Specialities.

## THINGS WORTH REMEMBERING.

WE SUPPLY EVERY REQUIREMENT FOR ELECTRIC THEATRES AT PRICES BEYOND COMPETITION, AND GUARANTEE THE QUALITY OF ALL GOODS SENT OUT.

	£	s.	d.
All makes of Carbons .... from per 100	0	1	9
6 large or 12 small Limes, best quality....	0	1	4
Special Nautch Roll Tickets, 12,000 ....	0	4	6
Hand-coloured King Slides ....	0	1	9
Condenser Lenses, best ground glass, 4 inch, 1/9, 4½ inch, 2/-, 4½ inch, 2/3, back or front.			
Arc Lamps, all patterns .... from	0	15	0
Special heavy type, to take up to 100 amps ....	3	19	6
Bioscope Lenses, of any focus ....	0	9	6
Highest Quality, Special Bio Lenses ....	1	7	0
Film Cement, joins either non-flam or ordinary ....	0	0	9
Black Slides, for writing titles ... doz.	0	0	10
Strong Spool Carrying Cases, galvanised, with handle and clasp, 3 spools, 5/3, 5 spools,	0	7	3
Steel Spools, 12 inch, highest quality .... from	0	2	6
Film and Spool Rewinders, fully geared ...	1	10	6
Driving Motors, with regulators .... from	3	0	0
Resistances, best quality .... „	1	19	6
Lime Jets, 2,500 C.P. .... „	1	10	0
Large Hand Torches, thoroughly reliable, complete	0	5	6
Special Silver Screen (double light) .... from	2	10	0
Solid Brass Lantern Slide Carriers ....	0	10	6
Sprayers, Brass 7/6, Nickel Plated ....	0	9	6

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