

The  
Gaumont  
Company Ltd.

"CHRONO HOUSE"  
5 & 6, SHERWOOD ST  
- LONDON - W -



General Price List of Bioscope Apparatus and  
Accessories made by

The Gaumont Co., Ltd



Cables :

" CHRONOPHON,  
LONDON."

Codes :

Lieber's and A.B.C., 5th Edition.  
Western Union.  
A-Z Francais.

HEAD OFFICE:

**Chrono House, 5 and 6, Sherwood Street, Piccadilly, London, W.**

Telephone No. : 5966 Gerrard (4 lines).

Telegraphic Address: "Chronophon, Piccy, London."

BRANCH DEPOTS (United Kingdom):

BIRMINGHAM—57, John Bright Street.  
*Telegrams—"Gaumont, Birmingham."*  
*Telephone—1154 Midland.*

DUBLIN—Lord Edward Street.  
*Telegrams—"Gaumont, Dublin."*  
*Telephone—3414 Dublin.*

LIVERPOOL—60 & 62, South Castle Street.  
*Telegrams—"Gaumont, Liverpool."*  
*Telephone—3811 Bank.*

CARDIFF—Wharton Street.  
*Telegrams—"Gaumont, Cardiff."*  
*Telephone—1617 Cardiff.*

NEWCASTLE—Chrono House, St. John Street.  
*Telegrams—"Chrono, Newcastle-on-Tyne."*  
*Telephone—429 and 430 City.*

GLASGOW—77 & 79, Dunlop Street.  
*Telegrams—"Bioscope, Glasgow."*  
*Telephone—2787 Central.*

MANCHESTER—34, Deansgate.  
*Telegrams—"Chronophon, Manchester."*  
*Telephone—1885 City.*

Also at

PARIS	BERLIN
MOSCOW	BARCELONA
BRUSSELS	MILAN
LISBON	VIENNA
BUENOS AIRES	ST. PETERSBURG
CONSTANTINOPLE	
STRAITS SETTLEMENTS	
Etc., etc.	



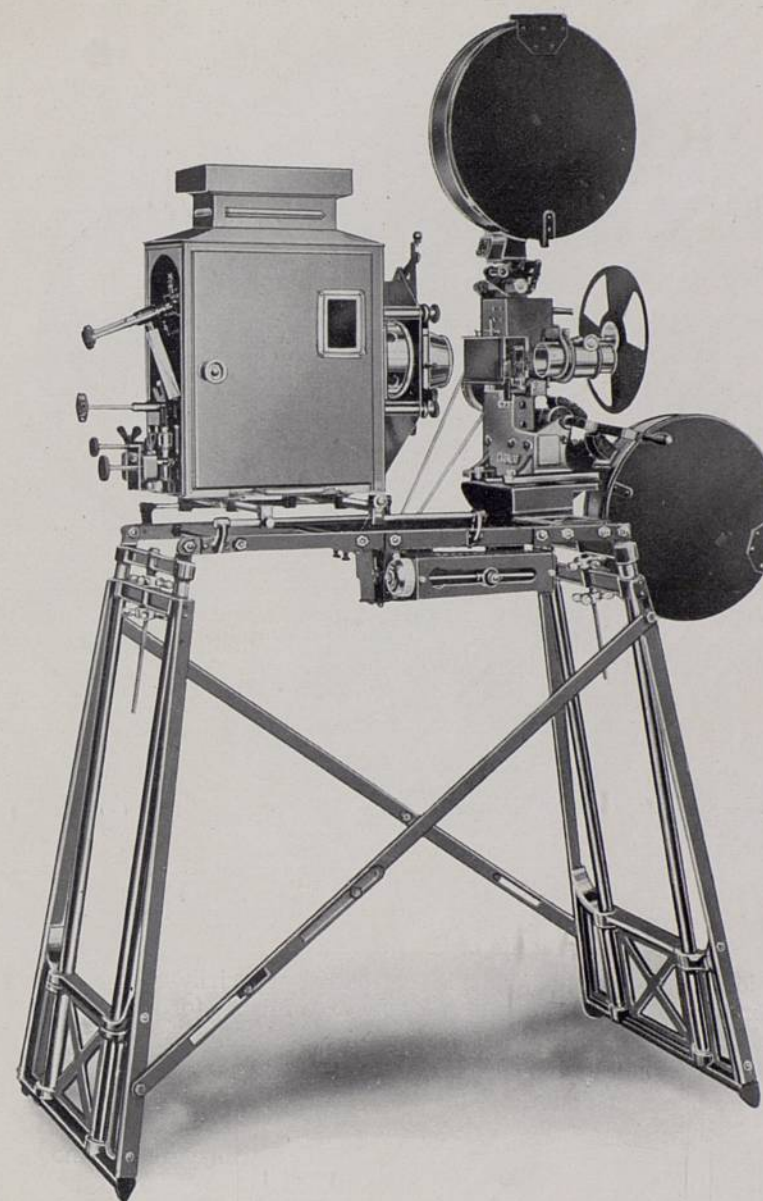
## FOREWORD

**I**N presenting this revised edition of our catalogue we wish particularly to bring to your notice the two Projectors in which we specialise, namely the "Maltese Cross Chrono de Luxe" and the "Professional Chrono"; *of these we are the actual manufacturers.*

The construction of these machines is the result of over a quarter of a century's practical knowledge of the cinematograph industry. Simplicity coupled with precision in design, and at the same time excellence of materials and workmanship—in a word, scientific construction places our productions in a class by themselves—there is nothing on the market to equal them.

It has been our consistent aim to bring the moving picture to the highest possible degree of perfection. The great progress and increasing popularity of the modern picture show undoubtedly testify to our very large achievements in this direction. And not only do we intend to maintain this high standard, but are ever on the alert to grasp any and every opportunity further to advance this industry in all its various branches.

**The Gaumont Co., Ltd**



## The New Maltese Cross Chrono de Luxe

**T**HAT the incorporation of two important improvements, namely, an Outside Triple-bladed Shutter and an Oil Bath, in a machine already in the forefront of the bioscope projector market leaves nothing to be desired, will be forcibly realised by giving the Gaumont Company's New Maltese Cross Chrono a test.

**THE MALTESE CROSS.**—The value of this device, hitherto exclusive in its design, has undoubtedly been enhanced by the attachment of an Oil Bath, which not only effects a tremendous reduction in wear of this all-important movement, but further ensures its practically silent operation. The method of eliminating play by means of two small set screws controlling the Adjustable Bearing, has been in no wise interfered with, while the efficiency of the complete principal has been more than doubled. The Cross and intermittent sprocket, unlike the generality of such movements, are one and the same, constructed **out of the solid**, the perpetual tapping of the striking pin does not therefore endanger their synchronism as is inevitably the case when they are constructed separately and joined by means of a flange and small screws.

**THE NEW TYPE SHUTTER** is now of the triple or the three-bladed class, situated outside the machine, the fact of its being supported by a keyed steel shaft permitting of such adjustment as to ensure interception of the light rays at the point of convergence. A particular feature emphasised by its utility, is the adjustable carrier of the shutter itself, which, by means of brass-toothed and pinned discs, facilitates to a marked degree its setting and consequent elimination of "ghost." Coinciding with the old type single sector shutter to the extent of synchronising with the rise and fall of the masking movement, the combination is the most practicable possible.

**THE SPOOL ARMS** are adapted for exclusively designed Fireproof Spool Boxes and Extinguishers which have been so insistently advocated by the Gaumont Company, and have been approved and adopted by the L.C.C., the various Insurance Companies, and other Corporations and Councils who have interested themselves in the matter—among these being the Paris Prefecture of Police, a particularly careful and exacting body.



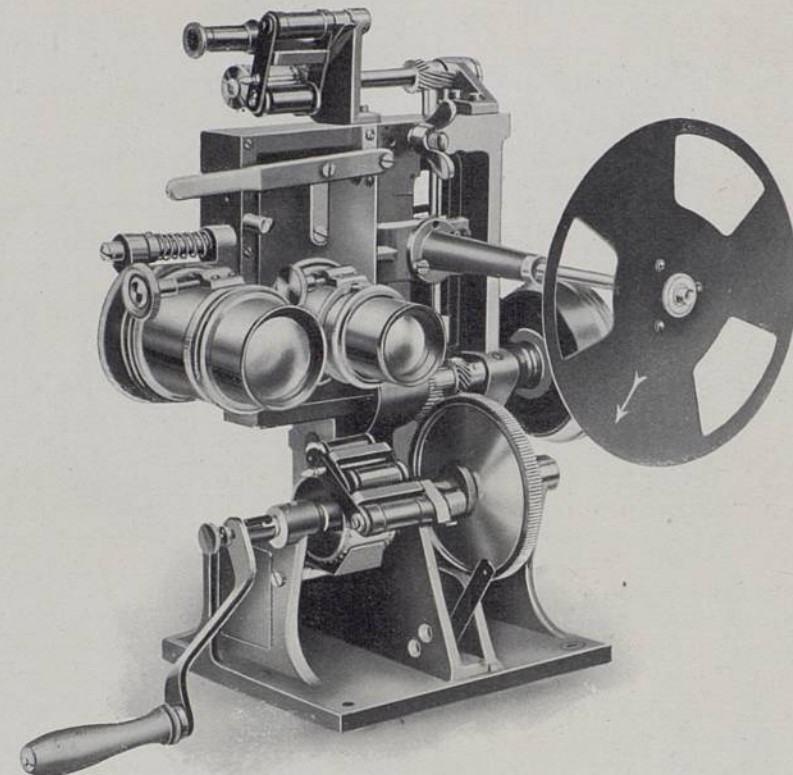
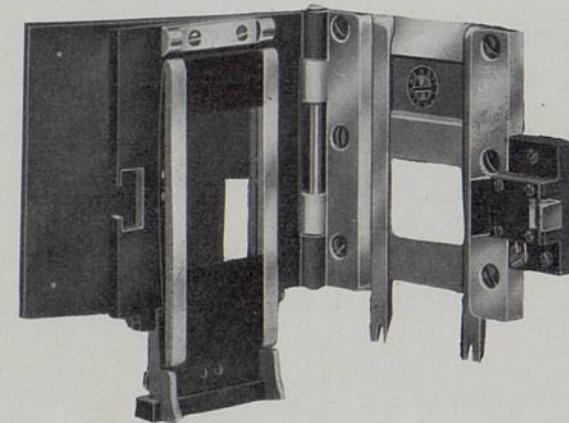


# The Maltese Cross Chrono de Luxe—(continued)

The lower arm is movable on the main shaft, to which it attaches, but unlike the upper arm does not detach from the machine, but folds up on the mechanism. This means a saving of time as well as bulk—greatly facilitating transport and erection.

**THE AUTOMATIC LIGHT CUT-OFF** fitted to this machine is a complete safeguard against fire. Controlled by a centrifugal governor in the fly wheel, the shutter does not open until the film is travelling at such a speed as will entirely prevent its ignition by the concentrated heat of the arc, while it closes instantaneously with the cessation of operation. The mechanical workmanship throughout is above criticism.

**THE STANDARDIZATION OF PARTS** throughout all Gaumont productions entirely dispenses with the necessity of returning the mechanism to the makers for minor repairs, as replacements of working parts are easily effected, thus saving much time and expense.



As in the case of the P.C., the bearings are of solid steel, thus reducing to a minimum both wear and running costs. The sprockets and gearing are constructed of a special alloy, which it is claimed adds to the durability and long life of the machine.

**THE FILM TAKE-UP.**—As in the case of all other movements, the transmission gearing of this model is controlled by specially machine-cut cogs, entirely superseding the old chain-drive, which has hitherto proved so impracticable. Its design affords every facility for adjustment and continuity of its perfect frictional action.

**THE VELVET GATE** is a distinctive feature of the M. C. machine, and one that is usually conspicuous by its absence in the generality of projectors. The pile of the velvet affords sufficient pressure to ensure rock steadiness, and at the same time actually protects the surface of the film.

**SIMPLICITY IN DESIGN.**—From the foregoing it will be seen that while the exclusive devices incorporated in the M. C. machine are of a most effective and reliable nature, the keynote of its construction is its perfect simplicity, making for smooth and economical running.



# A Summary of the Advantages in the Construction of the M.C. Chrono

1. Rock steadiness.
2. Maximum light.
3. Freeness from flicker even when running below normal speed.
4. Transmission throughout by level and worm gearing.
5. Absolute compensation for all frictional wear on the Maltese Cross.
6. Simultaneous movement of lens and shutter for masking purposes.
7. Folding bottom spool arm, facilitating packing.
8. Specially designed velvet gate for regulating the pressure on film.
9. The rapidity with which the machine can be threaded up.
10. Automatic light and hand cut-offs, reducing all likelihood of fire.
11. Absolute precision, so essential in the construction of a high-speed machine.
12. Accessibility and exposure to view of all working parts.

## Specifications Recommended for Maltese Cross Chrono de Luxe Outfits

New Type Maltese Cross Chrono de Luxe Mechanism (fitted with Triple Beaded Shutter and Oil Bath) with Lens (any focus) and rack mount	£40 0 0
Improved Gaumont Lantern, complete with Condenser, Slide Carrier, Cut-off, etc.	4 10 0
Special Cast Iron Telescopic Adjustable Stand, complete with Slide, Rails, and Motor Table (Type A)	8 10 0
Latest Elgé Arc Lamp, 100-ampere capacity	7 10 0
Lantern Lens (any focus), Rack, Mount, and Adjustable Flange	2 15 0
Fireproof Spool Boxes, with Extinguishers the pair	4 15 0
Six Solid Spools (Gaumont), 12in. diam., 1,500ft. capacity (approx.)	2 8 0
High Gear Film and Spool Rewinder	2 16 0
Elgé Special Cine Motor (110 volts or 70 volts D.C.), with Regulating Resistance and Starting Switch	10 0 0
Electric Arc Resistance, 70 volts, 50 amperes D.C.	4 5 0
Screen, 20ft. sq., eyeletted	3 10 0
	£90 19 0

Or

Arc Resistance for 110 volts circuit passing 50 amperes D.C.	£6 10 0
Arc Resistance for 220 volts circuit passing 50 amperes D.C.	9 15 0
Motors for 220 volts circuit, including Regulating Resistances and Starting Switch	12 0 0

Either of the above outfits can be accommodated in two cases of the following weights and dimensions:

A.—Containing the complete Equipment with the exception of Adjustable Iron Stand.	
Gross	2 cwt., 2 qrs., 16 lbs. (approx.)
Nett	2 cwt., 0 qrs., 8 lbs. „
Dimensions	2 ft. 8 in. × 1 ft. 10 in. × 2 ft. 1 in. „

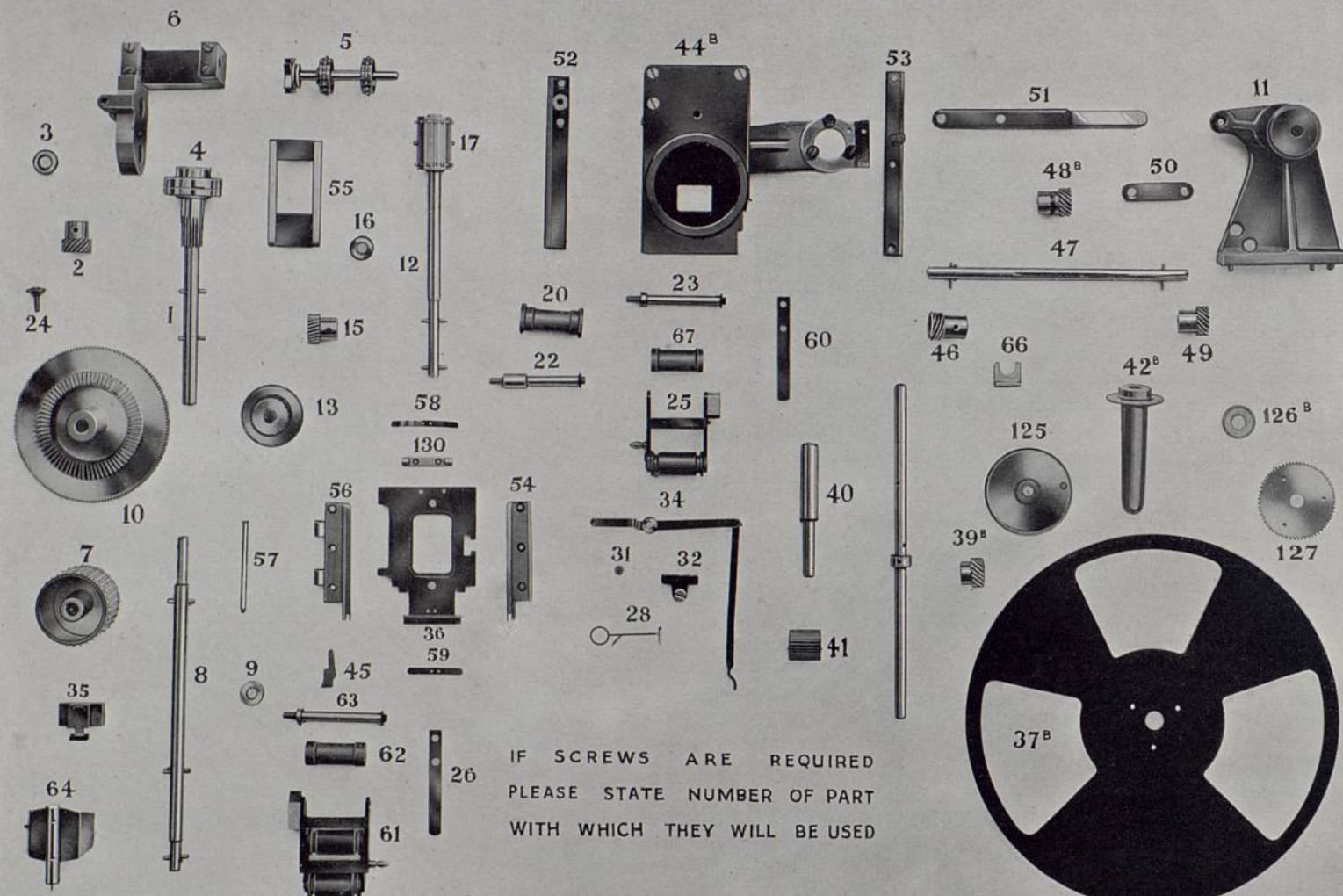
B.—Containing Adjustable Iron Stand only.	
Gross	1 cwt., 2 qrs., 19 lbs. (approx.)
Nett	1 cwt., 0 qrs., 14 lbs. „
Dimensions	3 ft. 4 in. × 2 ft. × 1 ft. 8 in. „



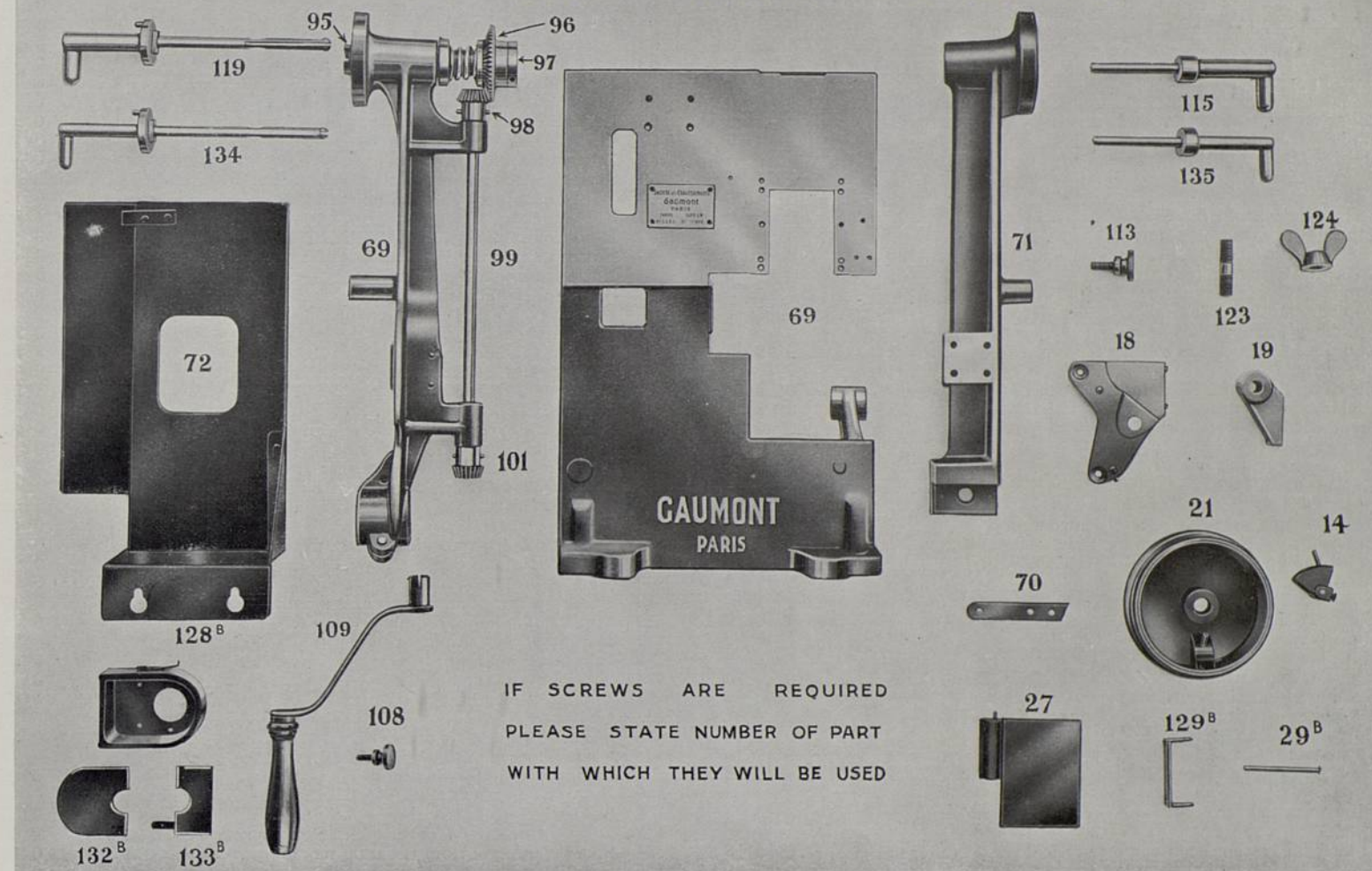




# MALTESE CROSS CHRONO DE LUXE



# MALTESE CROSS CHRONO DE LUXE.







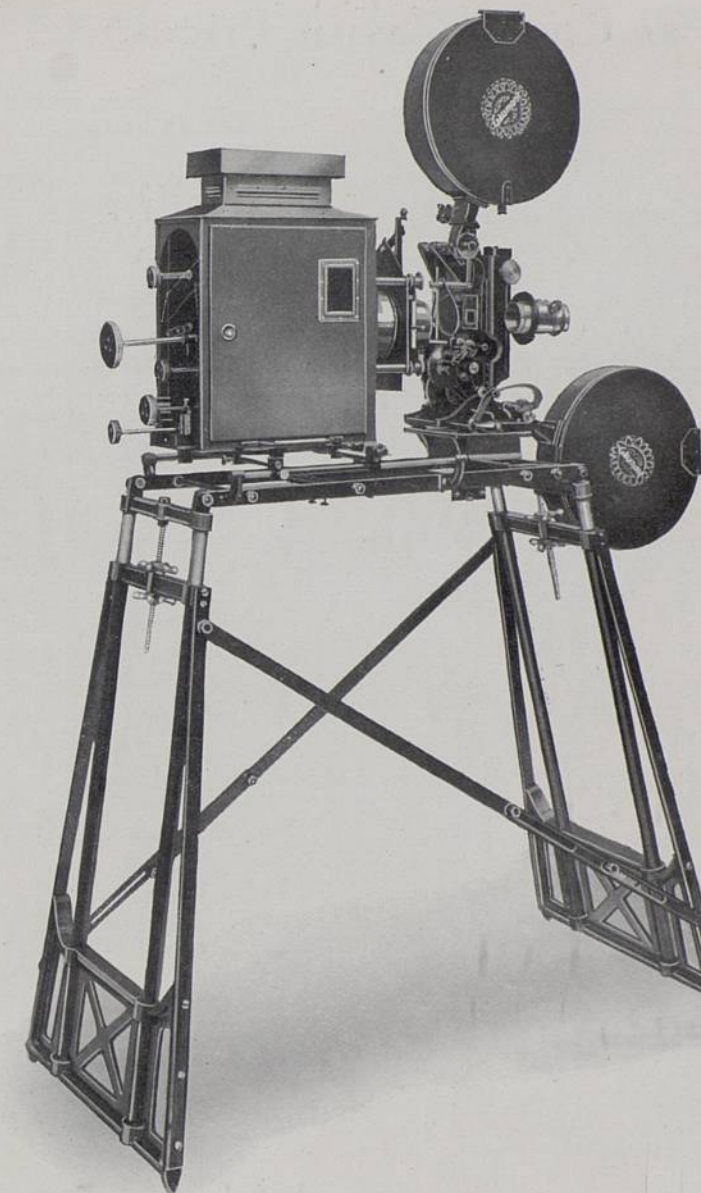
## Spare Parts for the Maltese Cross Chrono, with Prices

No.	£	s.	d.	No.	£	s.	d.
1 Striking pin and fly wheel shaft . . . . .	0	18	0	48B Helicoidal travelling cog actuating exterior shutter No. 37B	0	8	6
2 Helicoidal transmission cog on striking pin shaft . . . . .	0	5	3	49 Bottom helicoidal cog on No. 47 meshing with No. 2 . . . . .	0	5	3
3 Collar on No. 1 . . . . .	0	1	6	50 Masking crank or coupling bar . . . . .	0	6	0
4 Striking pin and cam . . . . .	0	8	0	51 Lever of masking device . . . . .	0	6	0
5 Maltese Cross and intermittent sprocket . . . . .	3	16	0	52 Right slide piece for masking device . . . . .	0	4	0
6 Maltese Cross adjustable bearing . . . . .	1	1	0	53 Left slide piece for masking device . . . . .	0	4	0
7 Bottom sprocket . . . . .	0	18	0	54 Right film groove or path piece . . . . .	0	6	0
8 Main and handle shaft . . . . .	0	8	0	55 Velvet gate and steel runners combined . . . . .	0	9	6
9 Collar on main shaft No. 8 . . . . .	0	1	6	56 Left film groove or path piece with hinges supporting No. 36	0	6	6
10 Main gear wheel . . . . .	1	3	0	57 Pin securing Nos. 36 and 56 . . . . .	0	0	6
11 Main shaft and bottom sprocket bearing supporting ebonite rollers . . . . .	0	13	0	58 Bow gate spring . . . . .	0	0	6
12 Top sprocket spindle . . . . .	0	5	6	59 Spring for gate shoes No. 45 . . . . .	0	0	6
13 Sliding fly wheel collar actuating automatic shutter . . . . .	0	2	6	60 Bottom ebonite roller cradle spring . . . . .	0	0	10
14 Centrifugal governor weights . . . . .	0	6	6	61 Bottom ebonite roller cradle . . . . .	1	0	6
15 Helicoidal transmission cog on top sprocket shaft . . . . .	0	5	3	62 Idle ebonite roller of cradle No. 61 . . . . .	0	3	0
16 Collar on top sprocket shaft . . . . .	0	1	6	63 Bottom ebonite roller cradle spindle . . . . .	0	2	3
17 Top sprocket (gunmetal or steel) . . . . .	0	8	0	64 Bottom sprocket guard . . . . .	0	5	3
18 Top sprocket spindle bearing and roller support . . . . .	0	5	3	66 Sliding fork actuating part No. 48B . . . . .	0	1	6
19 Auxiliary top sprocket bearing . . . . .	0	5	0	67 Idle ebonite roller of top cradle . . . . .	0	3	0
20 Ebonite idle or jockey roller . . . . .	0	3	3	68 Main casting . . . . .	3	11	0
21 Fly wheel . . . . .	0	15	9	69 Bottom take-up arm casting . . . . .	2	14	9
22 Ebonite roller spindle, supporting No. 20 . . . . .	0	2	3	70 Bottom arm locking spring . . . . .	0	0	10
23 Roller spindle carrying Nos. 25 and 67 . . . . .	0	1	8	71 Top arm casting . . . . .	1	16	0
24 Screw securing fly wheel to cam shaft . . . . .	0	0	6	72 Light shield . . . . .	0	5	0
25 Top ebonite roller cradle . . . . .	0	10	6	95 Steel bush or sleeve for bottom take-up spindle . . . . .	0	5	3
26 Top ebonite roller cradle spring . . . . .	0	0	10	96 Main take-up bevel cog, meshing with No. 98 . . . . .	0	9	0
27 Automatic safety shutter . . . . .	0	7	0	97 Friction clutch, including washer and spring . . . . .	0	6	0
28 Automatic shutter spring . . . . .	0	0	6	98 Bevel take-up transmission cog, meshing with No. 96 (gun-metal or steel) . . . . .	0	5	0
29B Pin securing automatic shutter to bracket . . . . .	0	0	6	99 Take-up transmission spindle . . . . .	0	3	0
31 Roller for centrifugal governor weights No. 14 . . . . .	0	1	3	101 Bevel take-up transmission cog, meshing with No. 10 . . . . .	0	5	0
32 Pivot casting for automatic shutter arms . . . . .	0	3	0	108 Screw securing handle . . . . .	0	0	10
33 Automatic shutter arm . . . . .	0	5	9	109 Handle . . . . .	0	4	6
34 Automatic shutter arm . . . . .	0	3	0	113 Thumb screw securing top arm spindle . . . . .	0	0	10
35 Gate catch . . . . .	0	8	9	115 Top spool spindle, ordinary . . . . .	0	9	6
36 Gate . . . . .	1	16	0	119 Bottom spool spindle, ordinary . . . . .	0	14	6
37B Exterior type triple bladed flicker shutter, composition . . . . .	0	2	3	120 Wing nut securing top arm No. 71 . . . . .	0	12	9
37B Exterior type triple bladed flicker shutter, aluminium . . . . .	0	7	6	124 Screwed bolt supporting No. 71 . . . . .	0	1	6
38B Spindle supporting exterior type shutter . . . . .	0	5	3	125B Pinned disc or shutter plate . . . . .	0	10	6
39B Helicoidal shutter transmission cog rotating with No. 48 . . . . .	0	4	9	126B Screw for No. 125 . . . . .	0	2	3
40 Spindle for transmission cog No. 41 . . . . .	0	3	3	127B Toothed adjustable disc for shutter . . . . .	0	4	3
41 Horizontal gear wheel . . . . .	0	4	0	128B Grease box or oil bath for Maltese Cross . . . . .	0	9	3
42B Bracket bearing supporting triple bladed shutter . . . . .	0	10	6	129B Automatic shutter bracket . . . . .	0	2	9
43B Collar on part No. 38 . . . . .	0	1	6	130 Film guide or "hump" . . . . .	0	1	6
44B Film trap and mask . . . . .	3	5	3	132B Sliding grease bath cover . . . . .	0	2	3
45 Gate shoe . . . . .				133B Sliding grease bath cover and locking spring . . . . .	0	2	3
46 Helicoidal transmission cog on vertical shaft No. 47 . . . . .	0	5	3	134 Spool spindle bottom (London model) . . . . .	0	14	6
47 Vertical transmission spindle carrying Nos. 46, 48 and 49 . . . . .	0	4	0	135 Spool spindle top (London model) . . . . .	0	9	6

All Maltese Cross Parts are Standardised



## The Professional Chrono de Luxe



TO the construction of this machine is attached the greatest importance. Its precision and general mechanical excellence makes this Chrono absolutely reliable. The frame and bearings and spool arms are solid steel castings, while the shafts are of specially selected steel, adding in a marked degree to its durability. Those important factors, the sprockets and main gear wheels, are gun-metal, and cut with absolute accuracy and regularity. The eccentric cam or striker of the professional Chrono is of hardened and burnished steel.

In short, the construction, materials and workmanship are in every respect the finest which science, scrupulous care, and long experience can produce.

The film itself travels from start to finish through a hollowed track, no part but the extreme edges coming into contact with the machine. Thus the wear on the actual emulsion is avoided, the longitudinal scratches being entirely prevented so that an infinitely longer life to the film is insured.

**THE GATE** of this model calls for special consideration, its design being an exclusive feature, and such that, while its pressure upon the film ensures perfect steadiness, there is not the least tendency to damage the emulsion or perforation.

**SPOOL ARMS.**—Each Spool Arm is held in position by a single fly-nut, and can be attached or removed in a moment from the body of the machine. The rewinding or take-up arm is actuated by means of machined cogs cut with mathematical accuracy.

**FILM TAKE-UP.**—This slipping clutch, offering compensation for increasing diameter of film as rewound, is entirely controlled by bevel gearing; its design permitting of adjustment to ensure its effective frictional action at all times.



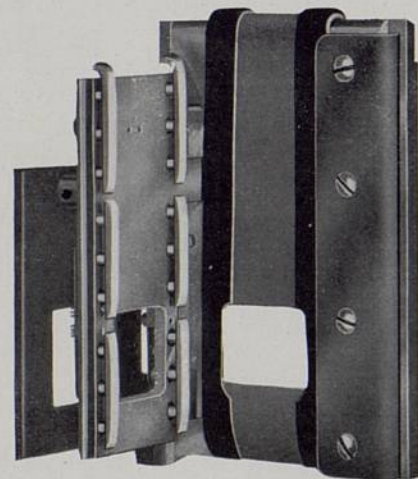




## The Professional Chrono de Luxe—(continued)

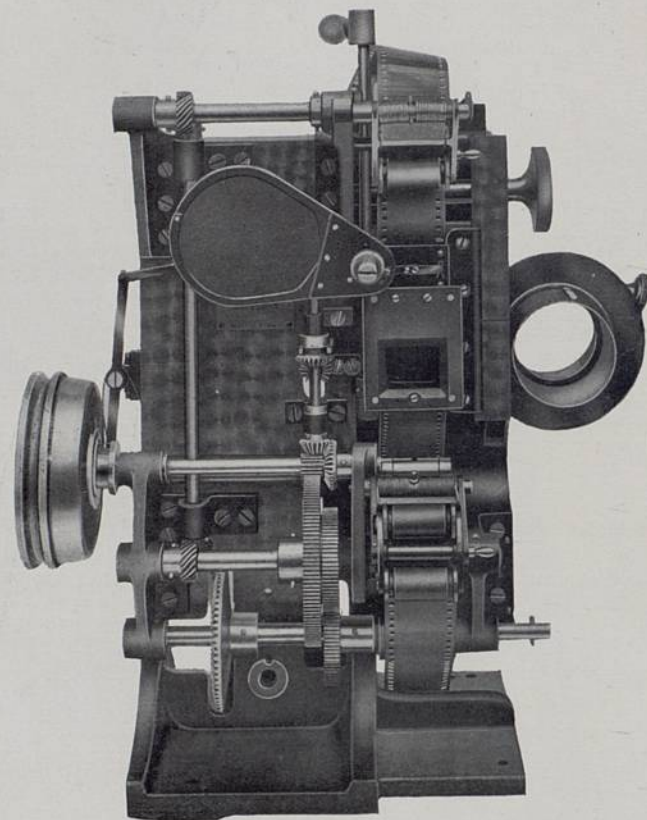
**THE CAM** (or striking pin).—The maximum rate of movement compatible with safety to the film is obtained by a specially designed cam, made of burnished steel, and hollowed centrally so as only to touch the film at the edges. This cam also has a direct bearing on the steadiness of the projected image.

**THE SHUTTER** works between lens and picture. A radical improvement has just been made in its working, consisting of an increase in the relative rate of revolutions of the shutter as compared with the periods



during which the film is respectively in movement and at rest. By this improved device projection is rendered entirely free from flicker, when running at normal speed.

**AUTOMATIC SHUTTER.**—As in the case of the M.C. machine, this attachment is controlled by a centrifugal action of weights inserted in the fly wheel, so that on the attainment of a speed at which the film is out of danger from the concentrated rays of the arc, it opens and automatically closes again as the machine stops.



## A Summary of the Advantages in the Construction of the Professional Chrono

1. Rock steadiness.
2. Maximum light.
3. Freeness from flicker.
4. Transmission throughout by bevel and worm gearing.
5. Perfect uniformity in movement of film.
6. Simultaneous movement of lens and shutter for masking purposes.
7. Facility with which film stock with inferior perforation can be utilised.
8. Specially designed velvet gate for regulating pressure on film.
9. Rapidity with which the machine can be threaded up.
10. Automatic light cut-off, reducing all likelihood of fire.
11. Absolute precision so essential in the construction of a high speed machine.

## Specifications Recommended for Professional Chrono Outfit

Professional Chrono de Luxe Mechanism with lens (any focus) and rack mount . . . . .	£36 0 0	Professional Chrono de Luxe Mechanism with Lens (any focus) and rack mount . . . . .	£36 0 0
Improved Gaumont Lantern, complete with Condenser, Slide Carrier, Cut-off, etc. . . . .	4 10 0	Improved Gaumont Lantern, complete with Condenser, Slide Carrier, Cut-off, etc. . . . .	4 10 0
Special Cast Iron Telescopic Adjustable Stand, complete with Slide, Rails, and Motor Table (Type A) . . . . .	8 10 0	Special New Pattern Cast Iron Telescopic Adjustable Stand, complete with Slide, Rails, and Motor Table (Type B) . . . . .	9 0 0
Latest Elgé Arc Lamp, 100-ampere capacity . . . . .	7 10 0	Latest Elgé Arc Lamp, 100-ampere capacity, with mechanical tray . . . . .	8 10 0
Lantern Lens (any focus), Rack, Mount, and Adjustable Flange . . . . .	2 15 0	Lantern Lens (any focus) Rack, Mount, and Adjustable Brass Pillar . . . . .	3 15 0
Fireproof Spool Boxes, with Extinguisher . . . . . the pair	4 15 0	Fireproof Spool Boxes with Extinguisher. . . . . the pair	4 15 0
Six Solid Spools (Gaumont), 12in. diam., 1,500ft. capacity (approx.) . . . . .	2 8 0	Six Solid Spools (Gaumont), 1,500ft. capacity (approx.) . . . . .	2 8 0
High Gear Film Spool Rewinder . . . . .	2 16 0	High Gear Film Spool Rewinder . . . . .	2 16 0
Elgé Special Cine Motor (110 volts or 70 volts D.C.), with Regulating Resistance and Starting Switch . . . . .	10 0 0	Elgé Special Cine Motor (110 volts or 70 volts D.C.), with Resistance and Starting Switch . . . . .	10 0 0
Electric Arc Resistance, 70 volts, 50 amperes D.C. . . . .	4 5 0	Electric Arc Resistance, 70 volts, 50 amperes D.C. . . . .	4 5 0
Screen, 20ft. sq., eyeletted . . . . .	3 10 0	Screen, 20ft. sq., eyeletted . . . . .	3 10 0
	£86 19 0		£89 9 0
Or			
Arc Resistance for 110 volts circuit passing 50 amperes D.C. . . . .			£6 10 0
Arc Resistance for 220 volts circuit passing 50 amperes D.C. . . . .			9 15 0
Motors for 220 volts circuit, including Regulating Resistance and Starting Switch . . . . .			12 0 0

Either of the above outfits can be accommodated in two cases of the following weights and dimensions:

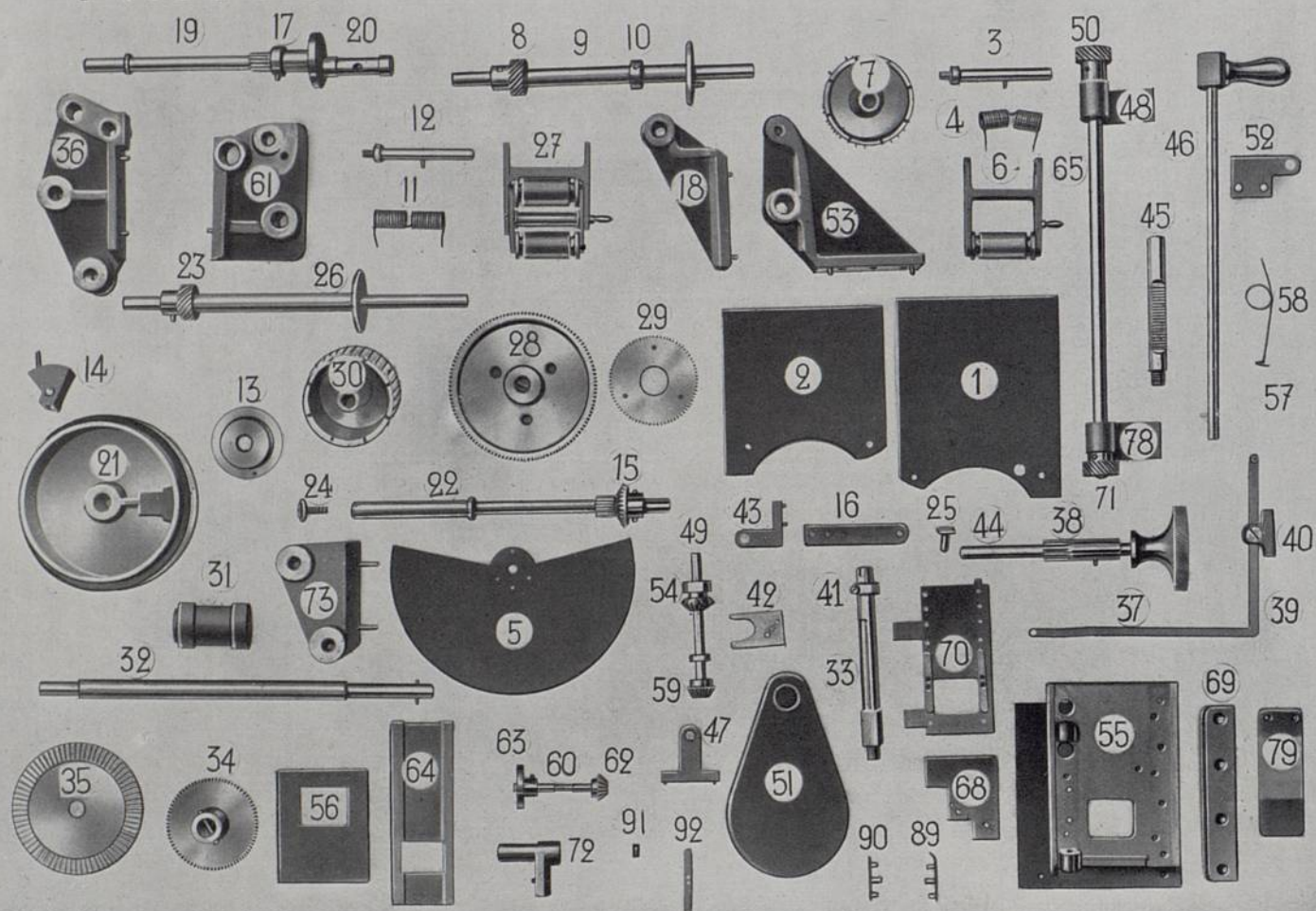
A.—Containing the complete Equipment with the exception of Adjustable Iron Stand.	B.—Containing Stand only.
Gross . . . . . 2 cwt., 2 qrs., 16 lbs. (approx.)	Gross . . . . . 1 cwt., 2 qrs., 19 lbs. (approx.)
Nett . . . . . 2 cwt., 0 qrs., 8 lbs. „	Nett . . . . . 1 cwt., 0 qrs., 14 lbs. „
Dimensions . . . . . 2 ft. 8 in. × 1 ft. 10 in. × 2 ft. 1 in. „	Dimensions . . . . . 3 ft. 4 in. × 2 ft. × 1 ft. 8 in. „



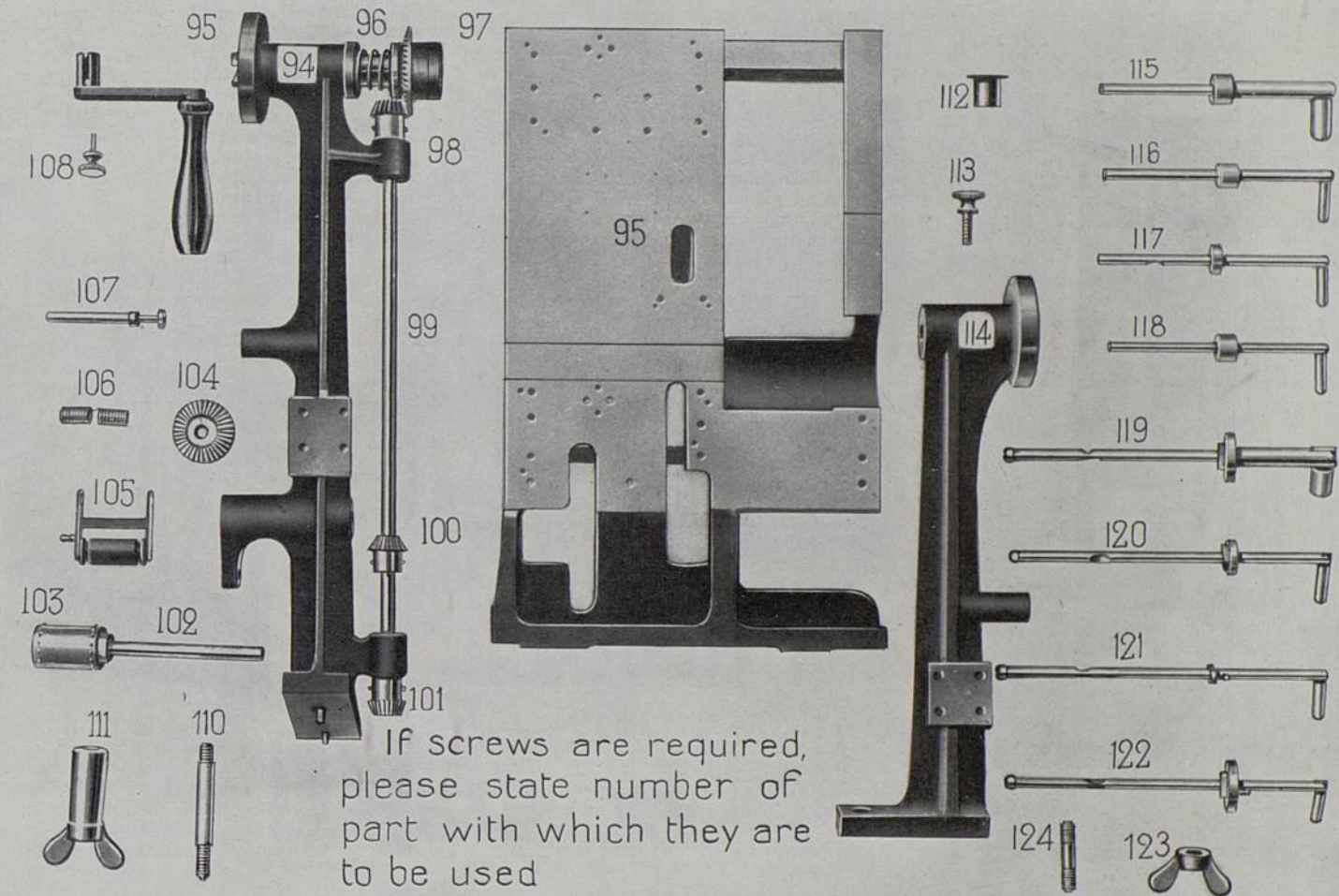




## PROFESSIONAL CHRONO SERIES VII



## PROFESSIONAL CHRONO SERIES VII



If screws are required,  
please state number of  
part with which they are  
to be used







## Spare Parts for the Professional Chrono, with Prices

No.			No.			No.		
1	Top light shield	£0 5 6	38	Sleeve cog actuating masking device.	£0 4 6	73	Right bracket supporting handle	
2	Bottom light shield.	0 4 6	39	Sleeve cog to 37	0 6 0		spindle and bottom sprocket spindle	£0 4 6
3	Roller spindle supporting cradle No. 6	0 2 6	40	Pivot block for automatic shutter		78	Bottom bracket supporting handle	
4	Spring controlling cradle No. 6.	0 0 9		arm 39	0 3 0		spindle and bottom sprocket	
5	Flicker shutter	0 1 0	41	Collar on automatic shutter spindle	0 1 6		spindle to 48	0 4 6
6	Top cradle	0 12 6	42	Sliding fork for transmission cog of		79	Spring controlling masking device	0 1 0
7	Top sprocket	0 17 6		flicker shutter	0 2 0	89	Gate runners or shoes, top	0 1 6
8	Transmission cog on top sprocket shaft	0 5 3	43	Top casting supporting automatic		90	Gate runners or shoes, bottom	0 1 6
9	Top sprocket spindle	0 11 3		transmission spindle 49	0 4 0	91	Block on gate carrying 92	0 0 6
10	Collar and top sprocket spindle	0 1 6	44	Spindle and masking handle	0 5 6	92	Gate springs	0 0 4
11	Spring controlling bottom cradle		45	Rack of masking device	0 6 0	93	Main casting or body	3 0 0
	No. 27	0 0 8	46	Gate spindle and handle	0 3 0	94	Bottom arm casting	2 5 0
12	Roller spindle supporting cradle No. 27	0 2 4	47	Bottom casting supporting 49	0 5 3	95	Steel bush for take-up spindle	0 5 3
13	Sliding fly-wheel collar	0 2 6	48	Top bearing supporting vertical trans-		96	Main bevel take-up cog	0 9 3
14	Governor weight	0 5 6		mission spindle No. 65.	0 4 6	97	Take-up clutch movement	0 6 0
15	Transmission cog on flywheel shaft		49	Automatic shutter vertical trans-		98	Take-up transmission cog	0 5 0
	actuating shutter.	0 7 0		mission spindle	0 3 0	99	Take-up transmission spindle	0 3 3
16	Tempered steel spring controlling		50	Transmission cog actuating No. 8	0 5 3	100	Bevel cog for auxiliary sprocket	0 5 0
	part 46	0 0 10	51	Automatic light cut-off	0 6 9	101	Take-up transmission cog	0 5 0
17	Washer on parts 19 and 20	0 1 6	52	Gate spindle bracket supporting 46	0 1 9	102	Auxiliary sprocket spindle	0 4 0
18	Left bracket supporting top sprocket		53	Right bracket supporting top		103	Auxiliary sprocket spindle	0 8 0
	spindle	0 5 0		sprocket spindle.	0 3 9	104	Bevel cog actuating on part 102	0 7 6
19	Cam spindle	0 16 6	54	Travelling transmission cog for flicker		105	Auxiliary cradle	0 10 6
20	Cam or beater	0 4 6		shutter	0 6 6	106	Spring controlling auxiliary cradle.	0 0 9
21	Fly wheel	0 15 9	55	Permanent masks	3 6 6	107	Spindle carrying auxiliary sprocket	
22	Fly wheel spindle	0 13 0	56	Asbestos mask	0 2 0		cradle 105	0 2 3
23	Transmission cog on bottom sprocket		57	Roller for governors	0 1 0	108	Handle screw	0 0 10
	spindle	0 5 3	58	Spring controlling automatic cut-off.	0 0 9	109	Handle	0 4 6
24	Fly wheel, screw and washer	0 0 6	59	Bevel transmission cog on vertical		110	Bolt for attaching take-up arm to	
25		0 2 4		shutter spindle 49	0 4 0		casting	0 1 9
26	Bottom sprocket spindle	0 12 0	60	Horizontal shutter spindle	0 3 0	111	Sleeve fly nut for 110	0 3 0
27	Bottom cradle	1 0 0	61	Right casting supporting horizontal		112		0 1 6
28	Main transmission cog	0 10 0		shutter spindle to 36	0 6 0	113	Thumb screw controlling top	
29	Carried by 28 and actuating bottom		62	Bevel transmission cog, horizontal			spindle	0 0 10
	handle spindle 32	0 6 9		shutter spindle 60	0 4 0	114	Top arm casting	1 11 6
30	Bottom sprocket	0 17 6	63	Shutter plate	0 2 4	115	Ordinary spool spindle	0 9 6
31	Bottom idle ebonite roller	0 3 0	64	Velvet gate	0 6 0	116	Special spool spindle	0 8 0
32	Handle spindle	0 8 9	65	Vertical transmission spindle	0 3 3	117	Special spool spindle	0 8 0
33	Spindle supporting automatic cut-off	0 3 0	66		—	118	Special spool spindle	0 8 0
34	Spindle wheel on part 32.	0 7 6	69	Masking slide	0 8 0	119	Ordinary spool spindle, bottom	0 14 6
35	Large bevel transmission cog on part		70	Gate	0 12 0	120	Special spool spindle, bottom	0 12 9
	32	0 17 3	71	Bottom transmission cog on vertical		121	Special spool spindle, bottom	0 14 6
36	Left casting supporting fly wheel			spindle 65	0 5 3	122	Special spool spindle, bottom	0 12 9
	handle and bottom sprocket spindle	0 9 0	72	Auxiliary shutter spindle casting		123	Fly nut for securing top arm.	0 2 6
37	Automatic shutter arm	0 3 3		supporting horizontal spindle 60	0 6 6	124	Bolt for securing top arm	0 1 9

All Professional Parts are Standardised



## The New Gaumont Lantern

### Special Features in its Construction

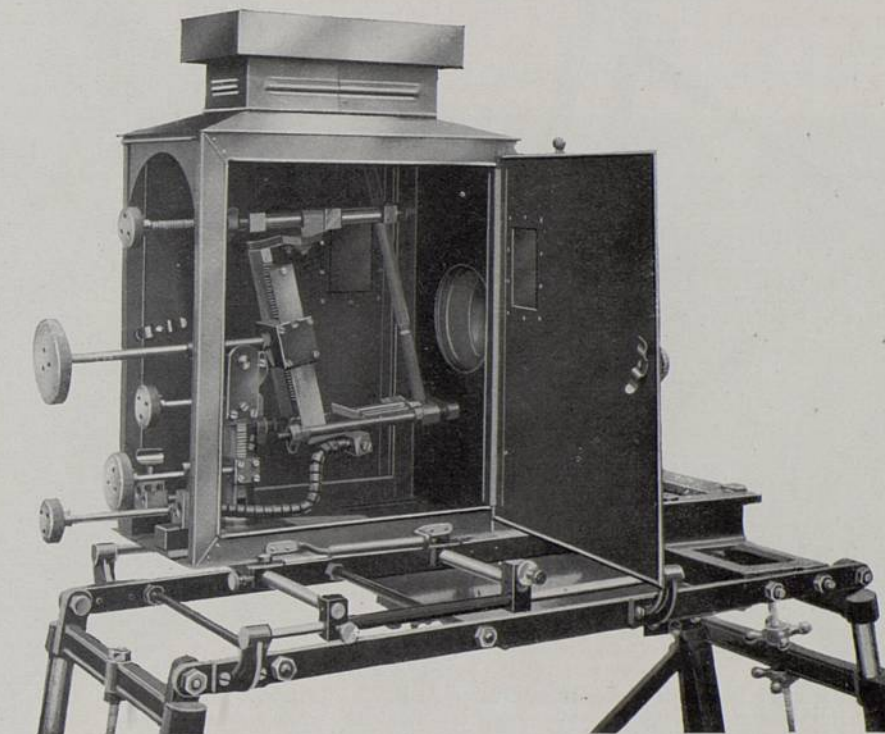
#### INCREASED CAPACITY—

This, together with the increased height of the optical centre, enable the use of carbons up to 12 in. in length, and thus the continual necessity for recarboning during the performance is effectually obviated.

**ACCESSIBILITY TO INTERIOR**—Each (complete) side being made to open, renders the arc lamp easily accessible.

**VENTILATION**—An improved type of dome, or cowl, ensures the free circulation of air and prevents overheating.

The coloured glass peep hole in the door has been



Price complete, with condenser, slide carrier and cut-off - £4 10 0

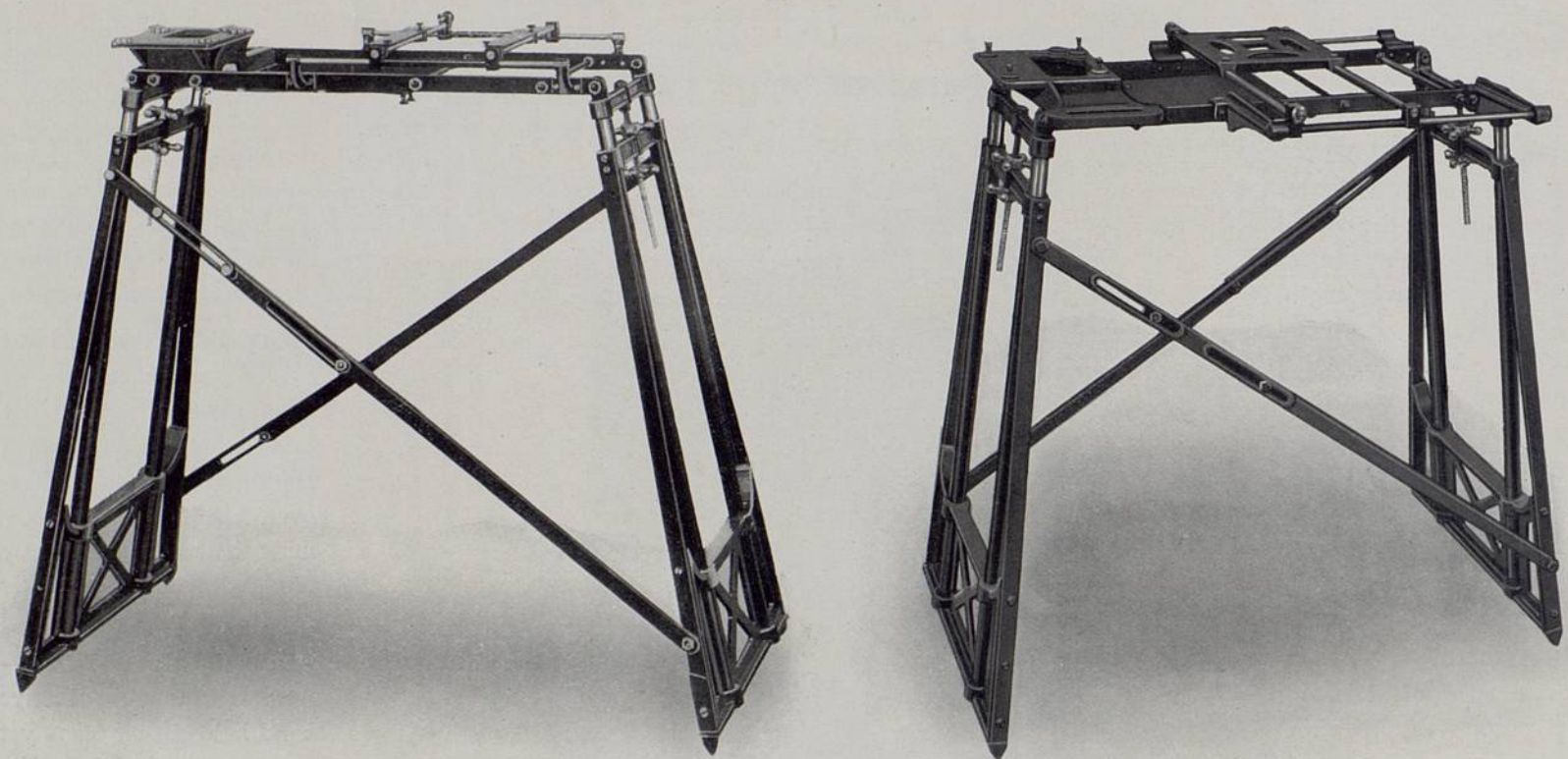
This Lantern can be used with either Type A or Type B Stands illustrated on the following page, while the heavier Condenser Cell shown on page 26 can be fitted at the additional cost of 7/6







## Specially designed Cast Iron Adjustable Telescopic Stand



**A.** In addition to incorporating the first essentials of a perfect cinematograph projector stand, viz.: rigidity and adjustability, an exceptionally neat device in the nature of a locking screw, or pin, controlling the travel of the lantern has been employed. By its simple manipulation perfect alignment between the light and optical centres of both Cine and Lantern Lenses and consequent uniformity of light upon the screen is ensured.

Price, complete with Motor Table, Electrical Terminals, Slide Rails, and Adjusting Screw for Lantern (Type A) **£8 10 0**

In addition to the foregoing the old type baseboard for use with supports similar in every respect to the above can be supplied complete at a cost of **£8 12 6**

(The Lantern Locking attachment is not included, but in compliance with the L.C.C. regulations the entire surface of the well-seasoned wood baseboard is neatly and effectually covered with Russian Iron, and is consequently absolutely fireproof.)



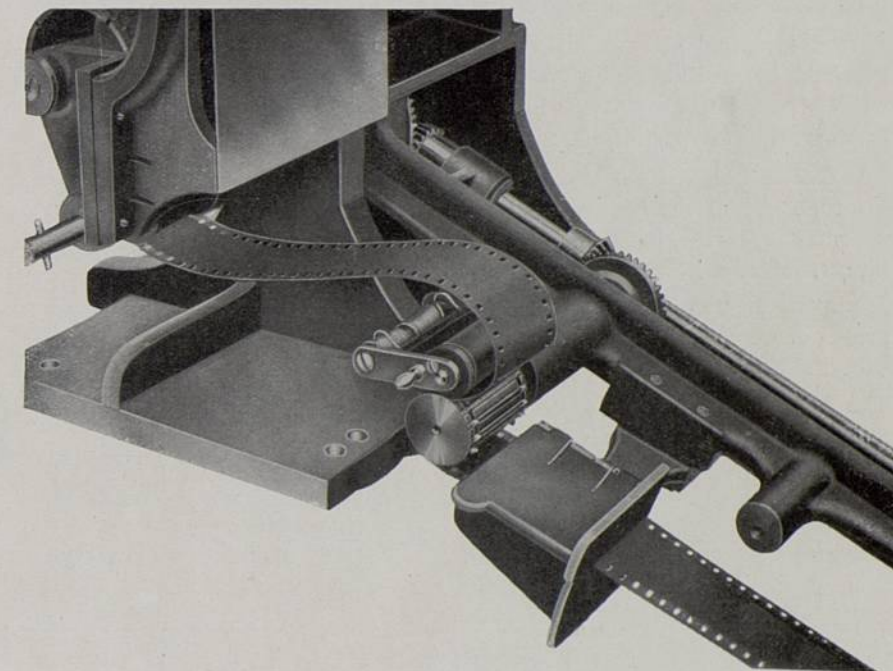
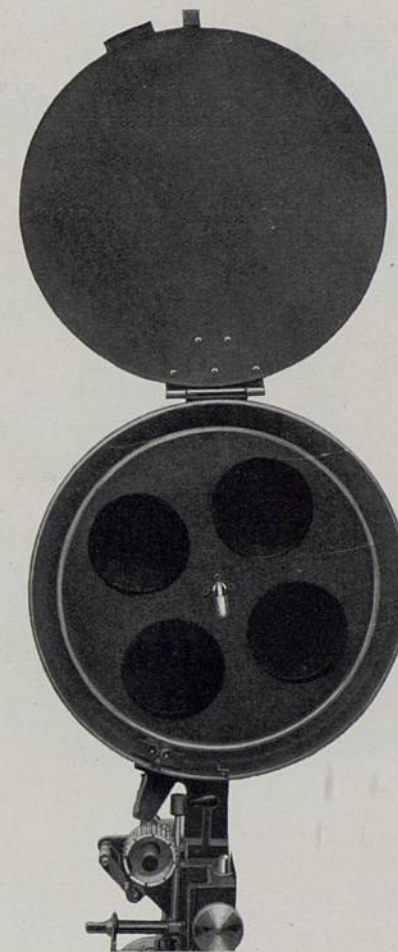
## Fireproof Spool Box

FITTED WITH GAUMONT PATENT EXTINGUISHER

Recommended and adopted as the most efficacious by a Special Examining Committee in their Resolution and Report to the

This feature, which since its introduction by the Gaumont Company has been extensively imitated, is an absolute safeguard against disaster. It is a matter of impossibility to fire the film in the box from the outside when closed.

**OUR CHALLENGE.**—We CHALLENGE ANY PERSON, whether wilfully careless, or criminally ignorant, to succeed (even purposely or designedly) in igniting the film when these boxes with extinguishers are closed and in proper use.



London County Council, on the occasion of the Competitive Examination at the London Hippodrome, and also approved by members of the Board of Trade.

The severest possible tests have been made under the most extreme conditions, even to the extent of igniting the loop of film left below the top extinguisher. In this, as in every case, its capabilities as a fire extinguisher were amply and effectively demonstrated.

**Price per pair, complete with Extinguishers, £4 15 0**







## The "Elgé" Arc Lamp

### Specification

This improved type lamp of the Gaumont Company has now been on the market some considerable time, and everywhere has met with the very highest approval, fulfilling as it does to a far greater extent than its predecessors the requirements of the cinematograph operator.

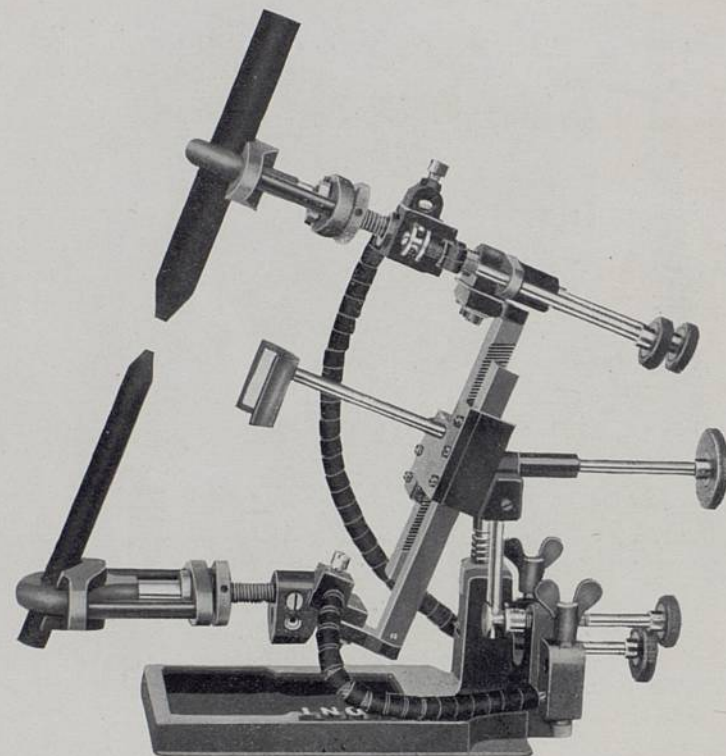
Its two principal features are the effective method by which the carbons are held in position and a circular traverse of the complete top jaw by which they can always be brought into perfect alignment one with another, thus facilitating the production of a light of the highest efficiency.

The carbon holder itself is designed and constructed in such a way that in proportion as the heat of the lamp increases so the grip of the carbons becomes firmer. This point will be fully appreciated by any who have been troubled with dropping carbons.

The vertical travel or raising and lowering movement is actuated by means of worm gearing (in the place of the old rack and pinion) in itself effecting a great saving in wear.

The Elgé Arc Lamps' unquestionable advantages can be summed up as follows:—

- |   |  |
|---|--|
| (a) Perfect rigidity.                         | (e) Adjustability of top jaw.                  |
| (b) Rapid action of carbon feed.              | (f) Spiral gear racking movement.              |
| (c) Unfailing carbon grip.                    | (g) High capacity.                             |
| (d) Extreme extension for using long carbons. | (h) Easy adaptability for alternating current. |



Price - - - - - £7 10 0

Elgé Arc Lamps with Mechanical Tray Movement - - - £8 10 0



## The "Modern Needs" Arc Lamp

### Specification

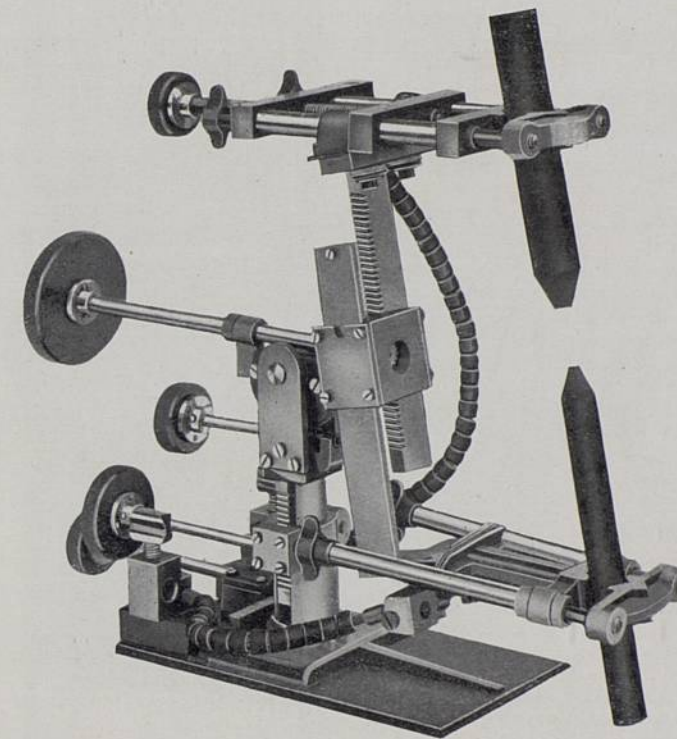
Alternative to the "Elgé" model illustrated, the Gaumont Co. would bring to the notice of prospective buyers yet another Arc Lamp, namely the "Modern Needs." It is particularly adapted for use in theatres at which heavy currents are not necessary, and offers practically all the advantages of the "Elgé" type excepting capacity, as it is only intended to carry up to 75 amperes.

Although embodying a differently designed Carbon Holder, its action in use leaves nothing to be desired. This lamp being fitted with feeding pillars somewhat longer than those usually employed, will allow of extreme extension, permitting of the use of long carbons, thus avoiding all risk of "burning out" in the middle of a show.

It can be fitted with jaws for direct or alternating currents, and in use with either, calls for but a small amount of attention to ensure its perfect action.

The facilities at disposal with the use of the "Modern Needs" lamp can be summed up in the following:—

- |   |  |
|---|--|
| (a) Extreme extension of jaws.          | (e) Perfect carbon grip.                       |
| (b) Rapid action of feeding adjustment. | (f) Practical action of all racking movements. |
| (c) Exceptional solidity.               | (g) Perfect workmanship throughout.            |
| (d) Rapid re-carboning.                 |  |



Price - - - - - £6 0 0

A heavy type model almost identical with the above, having a capacity of 100 to 120 amperes - - - £9 0 0

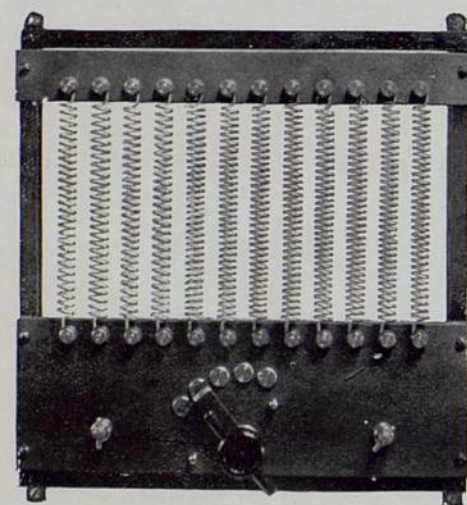






## Arc Resistances

The importance of perfect reliability in respect of this factor of the equipment should be fully appreciated, and the regulator illustrated below will be found to embody the conscientious workmanship and first-class material so long associated with the name of Gaumont.



### Specification

**FRAME** of Wrought Iron, giving great stability and strength.

**WIRE** of highest grade resistance alloy, not affected by temperature, and capable of carrying large overload currents.

**SWITCH** of our own exclusive design, with laminated heavy copper brush, ensuring perfect contact and easy step by step regulation.

**TERMINALS AND STUDS.**—Heavy brass throughout, fitted with double brass washers.

**TYPE.**—The usual type for erection upon walls is supplied unless otherwise specified.

## Regulating Panel

The advantages of this combination of electrical control equipment can be summed up in the following:—

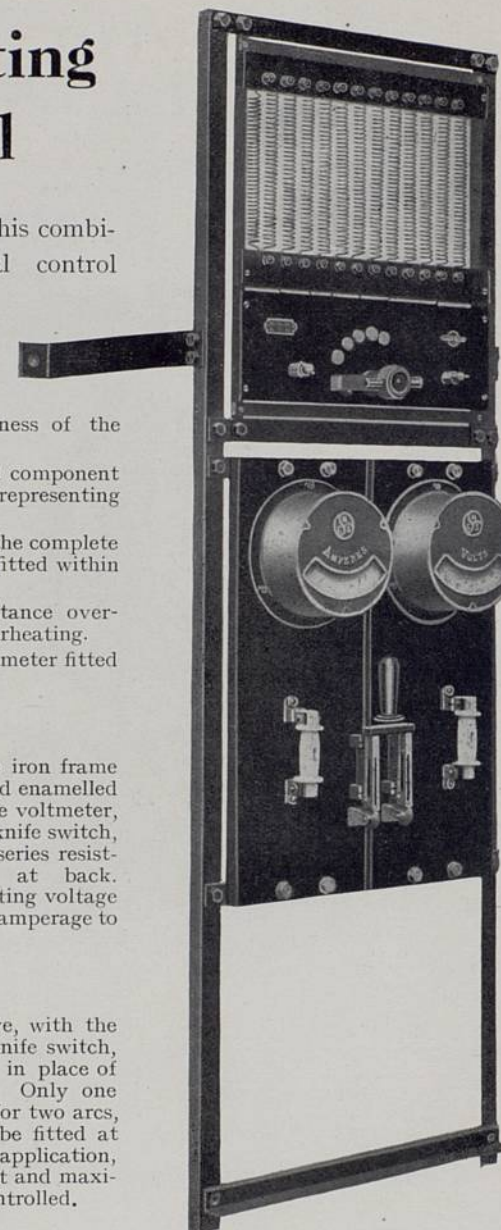
- (1) Extreme compactness of the board.
- (2) Accessibility of all component parts, each board representing its own diagram.
- (3) Facilities whereby the complete equipment can be fitted within two hours.
- (4) Situation of resistance overhead reducing overheating.
- (5) Ammeter and voltmeter fitted in line of sight.

### For One Arc

Board consists of angle iron frame fitted with wall arms and enamelled slates mounted with one voltmeter, one ammeter, one D.P. knife switch, two bobbin fuses, one series resistance, all connections at back. Price on application, stating voltage of circuit and maximum amperage to be controlled.

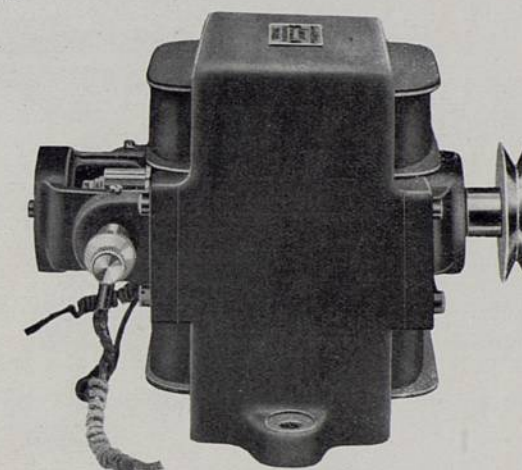
### For Two Arcs

Board consists of above, with the addition of a D.P. C.O. knife switch, and an ironclad switch in place of knife switch for mains. Only one resistance is necessary for two arcs, but two can, of course, be fitted at extra cost. Price on application, stating voltage of circuit and maximum amperage to be controlled.



## Motors

With the object of not only ensuring perfectly uniform speed in the actuation of the film, but also eliminating the wear on the machine occasioned by the inevitable peculiarities of hand turning, small driving motors have been universally adopted for the operation of the Bioscope Projector. It is felt that purchasers intending their inclusion in Cinematograph equipment about to be acquired cannot do better than select either of the models listed. Space being a matter for consideration, the size of these machines has been reduced to a minimum, and nothing spared in their design or construction to raise their quality to the state of perfection responsible for the premier position occupied by The Gaumont Co.'s productions.



### SPECIAL ELGE MOTORS of French Construction

Suitably wound for	70v. D.C.	£10	0	0
"	" " 110v. "	10	0	0
"	" " 220v. "	12	0	0

The above prices include regulating resistances (either A or B type as desired)

Spare carbon brushes	1/6 each
" " brush holders	3/- "

### SPECIAL ENGLISH MOTORS

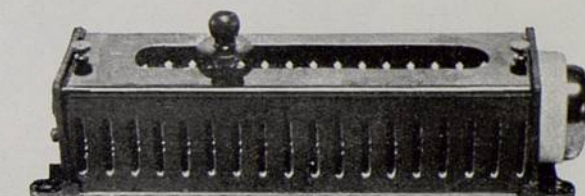
Suitably wound for direct mains of 100 to 150v. capacity	£9	0	0
" " " " 200 to 250v. "	9	0	0

The above prices include regulating resistances (A type only).  
Spare carbon brushes 1/- each

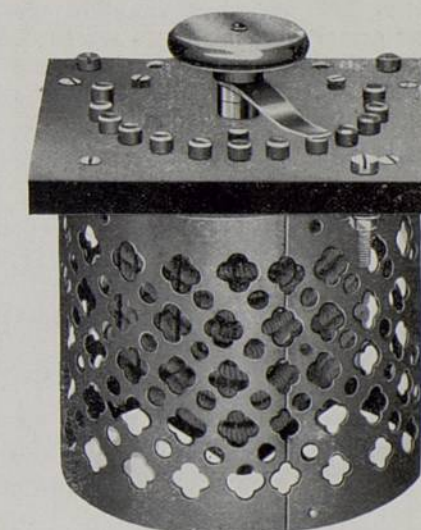
## Regulating Resistances

(For Motors)

In order to facilitate the regulation of the speed of Cine Motors, a special feature has been made of the resistances illustrated, both types complying with the latest requirements of licensing authorities. It will be readily noticed that "A" type by virtue of a sliding connection offers a somewhat finer range of speed regulation than "B," the advancing and retarding movement of the latter having the usual limitations of the stud type.



**A Type** for 70 volts, 110 volts, 220 volts (or any intermediate pressure) direct current . . . £1 11 6



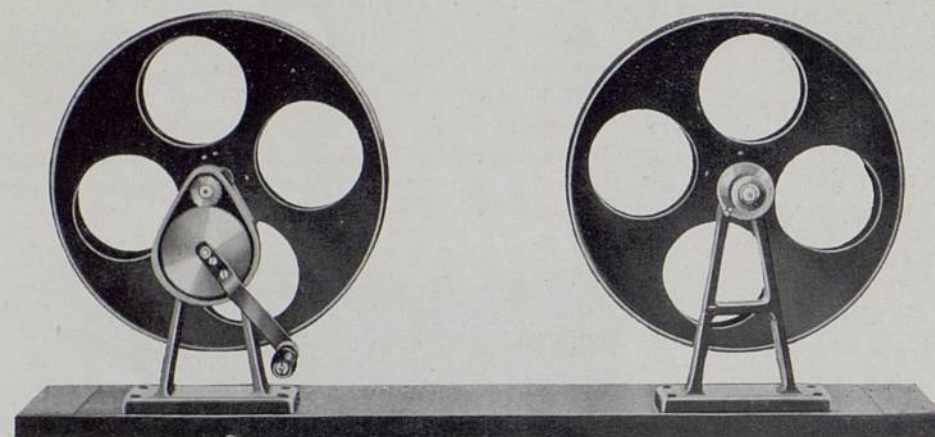
**B Type** for 110 volts and 220 volts (only) . . . £1 11 6







## Rewinders



### 1—Special Elgé Table Spool Rewinders

For practical purposes these rewinders cannot be excelled. By their use the rewinding of films has become greatly simplified and accelerated. Here, as in all other mechanism produced by the Gaumont Company, precision and practicability have been carefully studied, and the gears which have hitherto been roughly cast are now machine-cut, considerably adding to their wearing qualities.

The above is fitted with friction clutch device compensating for speed variation occasioned by the increasing diameter of the film.

Price complete - - £3 7 6

This Rewinder is capable of carrying spools of up to 2,000 feet capacity.

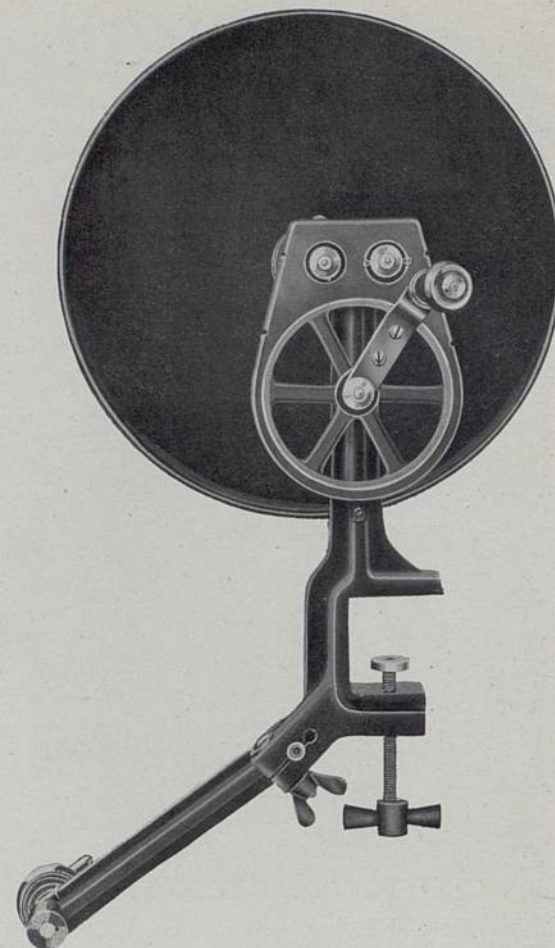
### 2—High-g geared Spool and Film Rewinder

This model is of exceptional efficiency and greatly in advance of any other of its type. It is designed for clamping on a bench or table, and thus occupies a minimum of space, while outlay is considerably reduced by its adaptability for spool or loose film rewinding.

Price complete - - - - - £2 16 0

Yet another model can be supplied for use for winding films only, and is a valuable asset to any equipment (and specially designed for use with No. 1).

Price - - - - - £1 2 6



## Lenses

The necessity for using a good quality lense for the **projection** of cinematograph films will be readily appreciated when it is borne in mind the attention this important factor has already received in **taking** the original pictures.

In order, therefore, to cater for the consequent demand in this respect, the Gaumont Company have entered into special arrangements with the more prominent lens makers and are in a position to offer unique facilities for their immediate delivery from stock. A wide range is covered by the following prices :—

### Elgé

**Special Quality** focus from 2in. to 7in., each nett. £2 0 0 **Ordinary Quality** focus from 2in. to 7in., each nett £0 16 8

### Dallmeyer

#### SERIES XII.—(Small Aperture)

Focal Length.	PRICE.	Focal Length.	PRICE.
Inches.		Inches.	
2	£6 0 0	4½	£6 0 0
2½	6 0 0	4½	6 0 0
2¾	6 0 0	4¾	6 0 0
3	6 0 0	5	6 0 0
3½	6 0 0	5½	6 0 0
3¾	6 0 0	6	6 0 0
4	6 0 0	6½	6 0 0
		7	6 0 0

Series XII. Lenses surpass the ordinary type of cheap lenses, both in definition and brilliance of picture.

#### SERIES XIV.—(Extra Large Aperture)

Series XIV. Extra Large Aperture Lenses give an even brighter picture than Series XII., the improvement in definition being very marked.

Focal Length.	PRICE.	Focal Length.	PRICE.
Inches		Inches	
1½	£7 10 0	4½	£13 2 6
2	7 10 0	5	13 2 6
2½	7 15 0	5½	13 2 6
2¾	7 15 0	6	13 2 6
3	13 2 6	6½	13 2 6
3½	13 2 6	7	13 2 6

### Busch

#### SERIES I.—Model K1 (Small Aperture)

Focal Length	PRICE	Focal Length	PRICE
Inches	Each	Inches	Each
2	£2 2 0	4	£2 2 0
2½	2 2 0	4½	2 2 0
2¾	2 2 0	4¾	2 2 0
3	2 2 0	5	2 2 0
3½	2 2 0	5½	2 2 0
3¾	2 2 0	6	2 2 0
4	2 2 0	6½	2 2 0
4½	2 2 0	7½	2 2 0

#### SERIES II.—Model Kino (Large Aperture)

Focal Length	PRICE	Focal Length	PRICE
Inches	Each	Inches	Each
3	£3 0 0	4½	£3 0 0
3½	3 0 0	4¾	3 0 0
3¾	3 0 0	5	3 0 0
4	3 0 0		

Busch continued overleaf.





## Lenses—(continued)

### Busch—(continued)

#### SERIES III.—Model Glankar

Equivalent Focus	PRICE Series II. In Cylindrical Tubes	Equivalent Focus	PRICE Series II. In Cylindrical Tubes
Inches		Inches	
1 $\frac{1}{8}$	£5 12 6	3 $\frac{1}{2}$	£8 9 0
1 $\frac{3}{4}$	5 12 6	3 $\frac{3}{4}$	8 12 0
2	6 0 0	4 $\frac{1}{4}$	9 0 0
2 $\frac{1}{8}$	6 0 0	4 $\frac{1}{2}$	10 2 6
2 $\frac{3}{8}$	6 15 0	5 $\frac{1}{4}$	11 5 0
2 $\frac{5}{8}$	6 15 0	5 $\frac{1}{2}$	12 15 0
2 $\frac{7}{8}$	7 10 0	6	14 5 0
3	7 10 0	7 $\frac{1}{4}$	18 0 0
3 $\frac{1}{4}$	7 17 6	8 $\frac{1}{4}$	24 7 6
3 $\frac{3}{8}$	8 5 0		

### Darlot

#### SERIES I.—L.T. Quality

##### Large Aperture.

Focal Length.	PRICE.	Focal Length.	PRICE.
Inches.		Inches.	
2	£5 5 0	4 $\frac{1}{2}$	£5 5 0
2 $\frac{1}{4}$		4 $\frac{3}{4}$	
2 $\frac{1}{2}$		5	
3		5 $\frac{1}{4}$	
3 $\frac{1}{4}$		5 $\frac{1}{2}$	
3 $\frac{3}{4}$		5 $\frac{3}{4}$	
3 $\frac{5}{8}$		6	
4		6 $\frac{1}{4}$	
4 $\frac{1}{4}$		6 $\frac{1}{2}$	

### Darlot—(continued)

#### SERIES II.—L.T. Quality

##### Small Aperture.

Focal Length.	PRICE.	Focal Length.	PRICE.
Inches.		Inches.	
2	£4 0 0	4 $\frac{1}{2}$	£4 0 0
2 $\frac{1}{4}$		4 $\frac{3}{4}$	
2 $\frac{1}{2}$		5	
3		5 $\frac{1}{4}$	
3 $\frac{1}{4}$		5 $\frac{1}{2}$	
3 $\frac{3}{4}$		6	
4		6 $\frac{1}{4}$	
4 $\frac{1}{4}$		6 $\frac{1}{2}$	

#### SERIES III.—Ordinary Quality

##### Small Aperture.

2in.—2 $\frac{3}{4}$ in. focus, advancing in $\frac{1}{4}$ in. . . . .	£1 17 6
3in.—10in. focus „ $\frac{1}{4}$ in. . . . .	2 9 0
10in.—14in. focus „ $\frac{1}{2}$ in. . . . .	2 16 0

#### SERIES IV.—Ordinary Quality

##### Large Aperture.

2in.—2 $\frac{3}{4}$ in. focus, advancing in $\frac{1}{4}$ in. . . . .	£2 14 0
3in.—3 $\frac{3}{4}$ in. focus „ $\frac{1}{4}$ in. . . . .	2 8 0
4in.—10in. focus „ $\frac{1}{2}$ in. . . . .	2 5 0

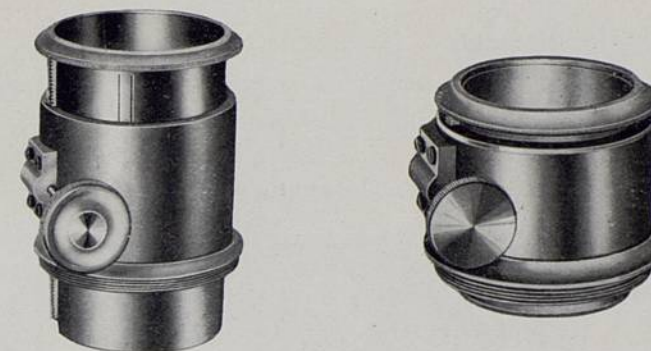
## Lantern Lenses

(Elge.)

These lenses are obtainable in foci from 8in. to 28in., in one quality only.

Price . . . . . £1 5 0

## Lens Mounts



Of highly finished brass construction with carefully machine-cut rack and pinion, for either lantern or cine lenses.

Price . . . . . 16/-

## Extension or Lengthening Tube

Both for cine and lantern mounts . . . . . per inch 3/-

## Flanges

These flanges are specially designed to facilitate announcement slide showing, and are included in specifications on pages 5 and 11, together with lantern lens and rack mounts, but if desired can be furnished separately at the following prices:—

For M.C. Chrono . . . . . 15/-

For P. Chrono . . . . . 14/-

## Screens

### 1—For Ordinary Projection

These screens are composed of fabric of the finest possible texture, the four-fold edges of which are fitted with brass eyelets at close intervals so as to withstand the hard wear to which they are ordinarily subjected.

#### PRICES.

12ft. × 12ft. One seam . . . . .	£1 10 0
14ft. × 14ft. „ . . . . .	2 0 0
16ft. × 16ft. „ . . . . .	2 5 0
18ft. × 18ft. „ . . . . .	3 0 0
20ft. × 20ft. Two seams . . . . .	3 10 0
22ft. × 22ft. „ . . . . .	4 4 0
24ft. × 24ft. „ . . . . .	4 15 0
25ft. × 25ft. „ . . . . .	5 0 0

### 2—For Transparent Work

The Gaumont Co. have acquired the sole rights of a special screen for transparent work. This screen has been exhaustively tested, and is always found to meet the most fastidious requirements. On account of its translucent properties the brilliancy of the pictures is greatly intensified, and the definition in no wise impaired.

Further particulars and quotations will be supplied on receipt of clients' specifications.

## Screen Preparation

A unique dressing which, when applied to cording canvas, calico or plaster screens, is productive of a perfect matt surface which, whilst minimising light absorption, gives brilliancy and definition to the picture.

Supplied in tins holding sufficient for a 20ft. × 16ft. screen £1 2 6

Gaumont

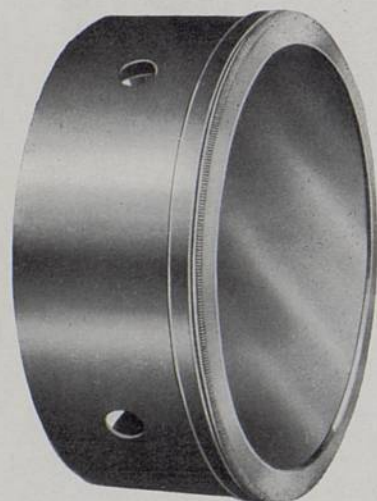
Gaumont



## Condensers

4 inches,  $4\frac{1}{4}$  inches and  $4\frac{1}{2}$  inches in diameter.

The glass from which these Condenser Lenses is constructed is of especial purity and whiteness, dispensing entirely with colour on the screen, while perfect concentration of light is ensured.



Type A

4in. plano-convex condenser glasses . . .	per pair	8/6
With Type A metal mount . . .	complete	12/6
$4\frac{1}{4}$ in. plano-convex condenser glasses . . .	per pair	10/-
With Type A metal mount . . .	complete	15/-
4in. meniscus and double or bi-convex . . .	per pair	8/6
With Type A metal mount . . .	complete	12/6
$4\frac{1}{2}$ in. meniscus and double or bi-convex . . .	per pair	10/-
With Type A metal mount . . .	complete	15/-

Improved (B) Type Heavy Condenser Cell embodying special Bayonet fitting ring lock, the use of which considerably avoids cracked lenses arising from rapid contraction of the metal.

Price - - - - £1 2 6

(including 1 pair 4in. glasses)

Glasses to fit this cell ( $4\frac{1}{4}$ in. in diameter) can be supplied at the same rate as the  $4\frac{1}{2}$ in. mentioned above.



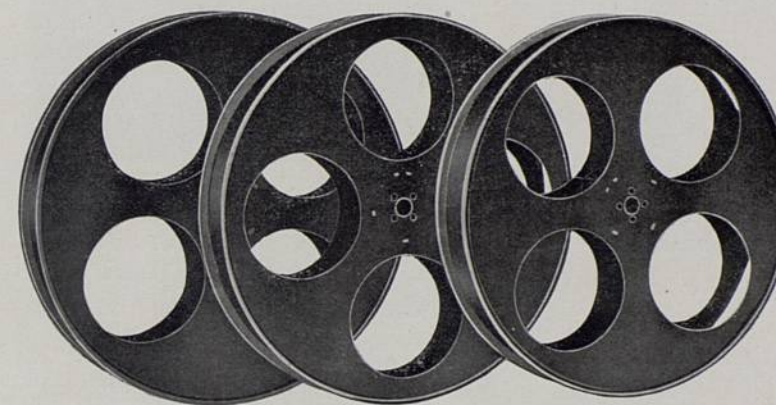
Type B

Although Type A is usually supplied with, and included in the price of the Lantern illustrated on page 15, it may be replaced by Type B at an additional cost of 7/6



## Spools

As will be readily observed from the accompanying illustration these Spools (Elgé Type) are constructed with exceptionally small metal cores, rendering them highly efficient from the points of view of both carrying capacity and strength.



12in. Elgé model with carrying capacity of 1,500ft. (approx.)	
A quality . . . . .	8/-
12in. English Model with carrying capacity of 1,500ft. (approx.) B quality . . . . .	5/3
14in. with carrying capacity of 2,000ft. . . . .	10/-
Half or split spools, enabling the exhibitor to split up long lengths of films at a moment's notice . . . . .	12/-
Special wooden bobbins upon which the film can be wound when spools are inaccessible . . . . .	1/-

## Spool Carrying Cases

For the purpose of protecting films in transit from the Hiring Establishments to the Picture Theatre, and more especially to afford them safety from inflammable substances, the cases illustrated have been almost universally adopted.

Made of best heavy gauge galvanised iron, neatly jointed and fitted with substantial hinges, hasp and padlock, at the following prices:

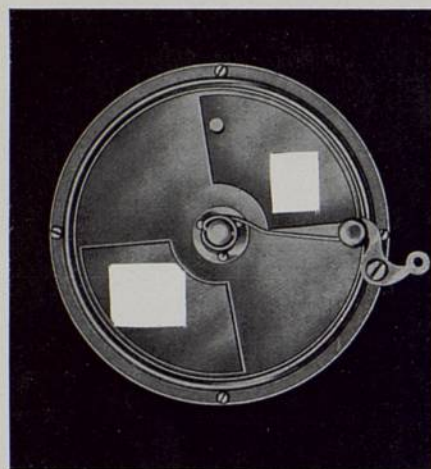
To take one 12in. spool . . . . .	6/-
To take two 12in. spools . . . . .	7/6
To take three 12in. spools . . . . .	9/-
To take four 12in. spools . . . . .	9/6
To take five 12in. spools . . . . .	10/6
To take six 12in. spools . . . . .	12/-
To take nine 12in. spools . . . . .	15/-
To take twelve 12in. spools . . . . .	19/-

A vastly superior carrying and travelling case containing partitions, which prevent unnecessary jolting and consequent damage to the films; supplied with padlock, and fitted with special wooden handle and ticket slip.

To take two 12in. spools . . . . .	15/-
To take three 12in. spools . . . . .	18/-
To take four 12in. spools . . . . .	21/-
To take five 12in. spools . . . . .	22/-
To take six 12in. spools . . . . .	24/-







Type A.—Open

From the accompanying diagrams a very shrewd idea can be formed as to its working merits. Instantaneous action coupled with complete efficiency places this model easily in the forefront of fire extinguishing appliances.

Type A.

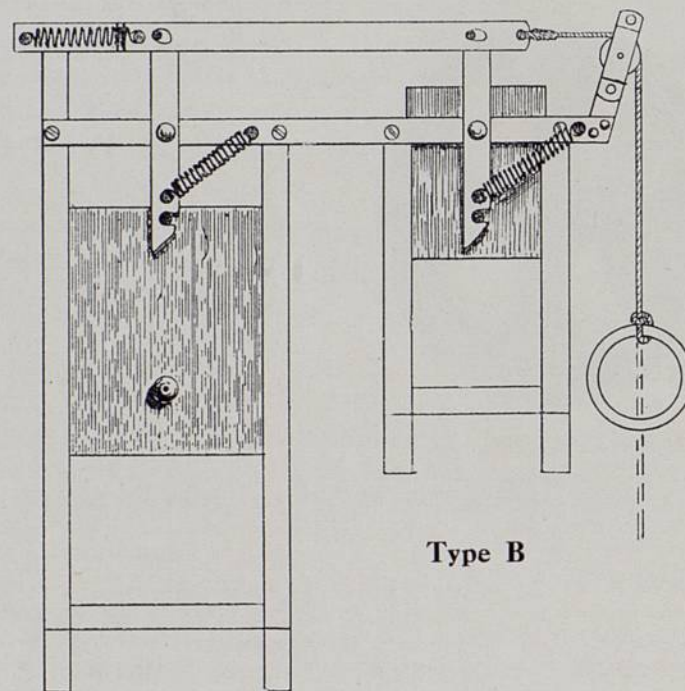
Price for one complete shutter

£9 0 0

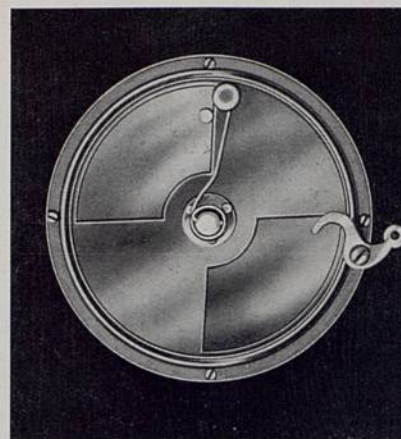
Type B—1 Projector set	£3 7 6
2 Projector sets	6 0 0
2 Projector sets and biunial	9 0 0
2 Projector sets and biunial, but with five openings	7 17 6

## Fire Shutters

Specially designed to meet the requirements of the L.C.C. and other Licensing Authorities.



Type B



Type A.—Closed

Special provision has been made whereby these shutters can be worked either singly or in pairs, and controlled by means of thin wire cables from any part of the building.

Type A.

Price for two complete shutters

£17 10 0

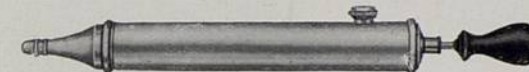


## Sprays

With the object of promoting additional comfort to picture theatre audiences an up-to-date spray has been devised for purifying the atmospheric conditions.

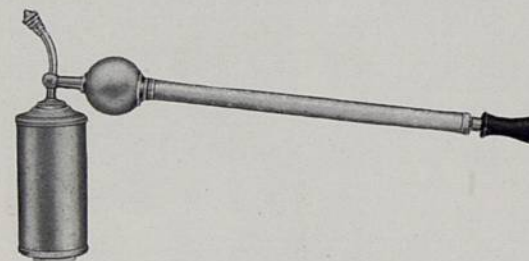
Type A.

No. 2.	Capacity 10 ounces (approx.), or length 16½ in.	27/-
No. 3.	" 21 " " " 26¾ in.	39/-
No. 4.	" 26 " " " 26¾ in.	48/-



Type B.

No. 1.	Capacity 8 ounces (approx.)	15/9
No. 2.	" 16 " " "	19/-



### "Perolin" Essence

16 oz. bot. at ½% strength=80 qts. of Solution	Per bot.	24/-
8 oz. " " =40 " " "	"	13/6
4 oz. " " =20 " " "	"	7/6
2 oz. " " =10 " " "	"	4/6
1 oz. " " =5 " " "	"	2/3



## Limes

Specially selected Irish Limes securely packed in tin boxes containing six of 1½ inch diameter.

Each - - - - - 3/-

## Asbestos Curtains

For Lantern. Illustrated on page 15.

Price - - - - - 3/6

## Chrono Lubricants

The importance of using a high-grade lubricant has long been appreciated by those operators who have the life of their Chrono in mind. The Gaumont Company's specially prepared "Chrono Oil," which has been in constant use in their own works for nearly twenty years, has the great merit of preventing the clogging of delicate mechanism, and ensures that even running which means so much to the success of the show and to the wearing qualities of the machine itself.

Price - - - 1/- per bottle

Upon the incorporation of a lubricating bath with the exclusive Maltese Cross Movement of the Chrono, the Gaumont Co. have devoted great care to the selection of a grease of superfine qualities for use therewith. It is entirely free from acidity or destructive ingredients, ensuring perfect lubrication, and consequent reduction in wear.

Price - - - 1/- per pot

Quotations for larger quantities on application.

## Driving Belts for Cine Motors

Composed either of metal or finest quality rubber . . . 1/6





## Poster Boards



Price, without glass . . . £1 17 6  
 „ with glass . . . 2 9 6

Quite a new departure has been made in the exhibition of posters by the introduction of the special easel boards by the Gaumont Company.

Apart from being exceptionally attractive, they are, as in the case of the programme boards, constructed of well-seasoned wood (solid oak), and capable of withstanding the rough usage that they invariably encounter.

Although usually intended for interior service, they can with facility be stationed outside the hall, the only difference being that in the former case it is not necessary to fit them with glass while in the latter it is expedient to do so in order to afford the poster itself necessary protection.

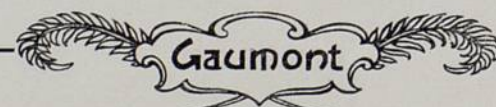
## Programme Boards



With full realisation of the necessity of attracting the "passer by," special attention has been given to the design of the programme board illustrated, which has entirely superseded the various improvised methods of advertising films on view in Picture Theatres. Of a sufficient capacity to accommodate the titles of a complete programme without resorting to confusing abbreviations, it is beyond doubt that it will bring the prominent features of a performance well before the public eye.

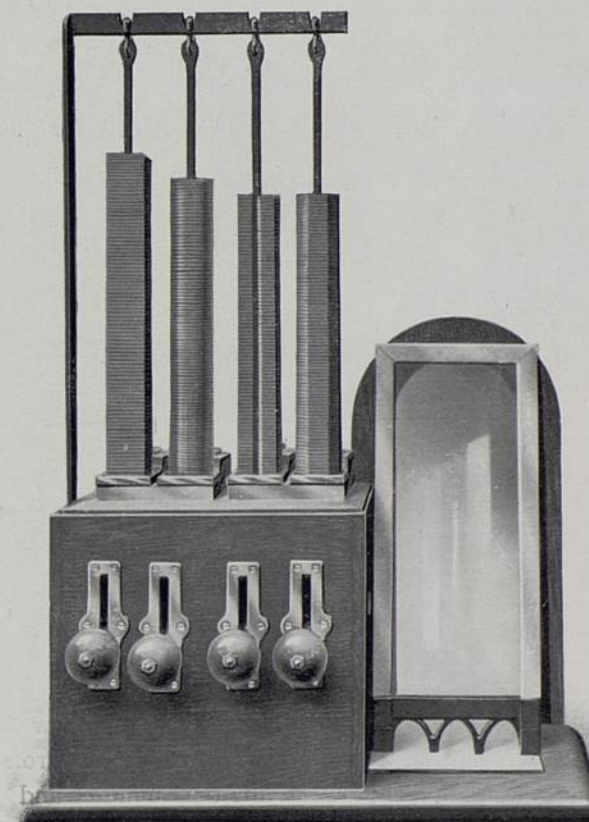
Being constructed of selected and well-seasoned wood, and treated in such a way as to withstand the inclemencies of the weather, this programme board will be found to fulfil its requirements admirably, while its lasting qualities will prove to be all that can be desired.

Oak, including complete set of letters £4 14 6  
 Mahogany „ „ „ 5 5 0



## Ticket Issuing Machine

The Climax machine (illustrated), which the Gaumont Company supply, is widely known and appreciated for its extreme simplicity coupled with exceptional efficiency.



The present patterns embody improvements which are the result of seventeen years' experience of theatrical management, and their construction is beyond criticism.

The machines are delivered ready to screw into position, the metal tickets being suspended in files of two hundred and fifty, which are drawn one by one into the mechanism as the handle is actuated and delivered into the centre of the cage plate. The machine delivers its ticket away from the cashier, and it is impossible to pass a ticket otherwise than through the mechanism, therefore the fraud of passing back tickets and re-selling them without accounting for the second sale is impossible.

A register records every ticket issued, and as the mechanism of this register is in a locked and sealed chamber, which forms an inseparable part of the machine, it is absolutely impossible to tamper with it.

The tickets are made in numbers of different shapes and designs, and in an assortment of metals especially alloyed to withstand rough usage. Moreover, they take up a minimum of space and can be issued with greater rapidity than by any rival machine.

Each machine is fitted with special gauges for the differently shaped tickets, and will only take those for which it is specifically designed.

A bent ticket is automatically rejected, and there is no possibility of jamming from this or any other cause, and no oil or other attention usual to machinery is necessary.

The machines are constructed of gun metal with steel working parts and gun metal mountings, on a solid oak case. The pay plate is also of gun metal, and the cage being of 1/4-inch plate-glass is dust and waterproof, and the whole makes a handsome addition to the pay box.

A substantial guarantee is given with each.

Price	
Single (or one price) . . . .	£11 5 0
Two way (or two price) . . . .	21 15 0
Three way (or three price) . . . .	32 5 0
Four way (or four price) . . . .	42 15 0
Tickets (250 any standard shape) . . . .	3 0 0







## Exit Signs

In Stout Jappanned Iron as illustrated

In compliance with the rigid regulations now enforced by the various licensing authorities, the Gaumont Co. have made provision for the supply of specially designed "Exit" signs. These articles are composed of stout gauge metal and Opaque Glass rendering them extremely serviceable.

They can be adapted for illumination by either electricity or gas, in accordance with client's specification, without additional cost.



Price - - - £2 12 6

Prices and illustrations of other Models on application



## Electric Torches

In conducting patrons to their seats the portable electric lamp is indispensable, adding both to their comfort and safety, and thus reducing the liability of the proprietors.



Type A.

Price . . . 5/3

Refills for Type A, 1/6

Bulbs, 9d.



Type B . . . . . 10/6

Refills for Type B, 3/- Bulbs, 1/6

## Gate Velvet

From time to time it is undoubtedly expedient to renew the velvet upon the gates of both the "Maltese Cross" and "Professional" Chronos, as it is largely owing to the minute and uniform pressure afforded by the fine pile of the material that steadiness in picture projection is obtained.

Prices for M. C. Chrono . . . . . per yard 3/6

Prices for P. Chrono . . . . . „ 1/6



## Taking

In this particular branch of cinematograph apparatus great strides have been made, as will be seen from the accompanying illustrations depicting the improved type camera.

It entirely supersedes the old exterior type film box mechanism, the magazines now being totally enclosed.

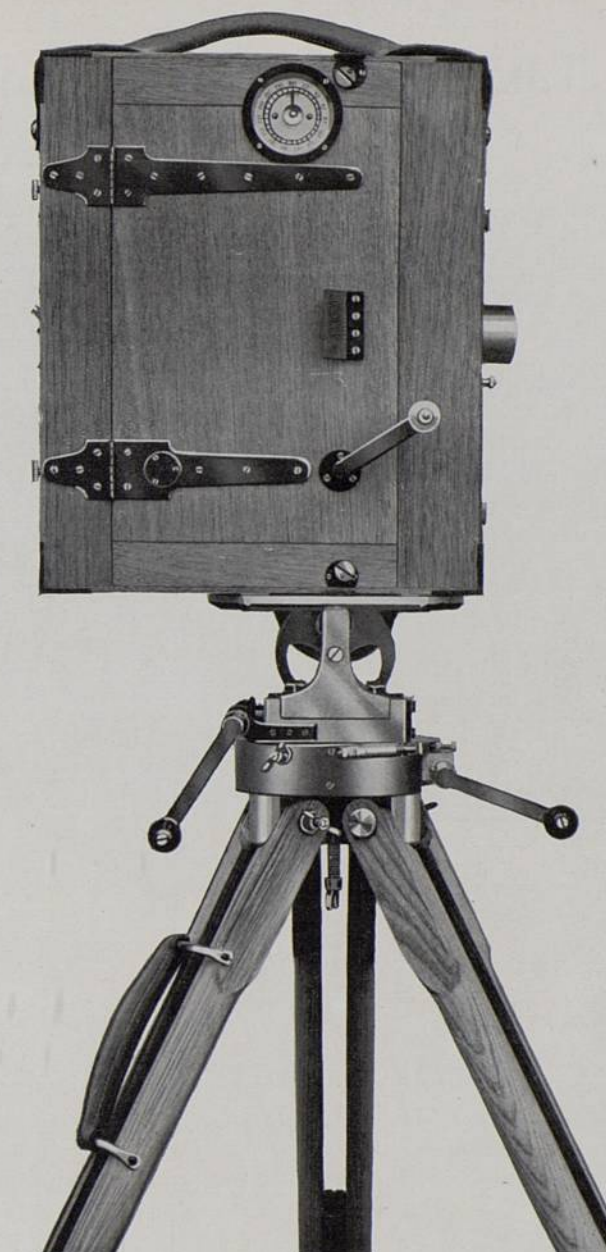
This in itself greatly facilitates transport, and at the same time provides an additional safeguard against accidental exposure or fogging of the film.

The same precision and perfection of workmanship embodied in the projection apparatus has been the governing features of the taking camera mechanism, the Gaumont Company realising the extreme importance of eliminating any unnatural movement of the film in the initial stages of picture production.

The film is actuated by means of a rectangular claw movement, which is undoubtedly the most practicable method of insuring accurate movement without impairing the film perforation.

The complete mechanism is easily accessible, so that the operator can immediately effect any adjustments necessary.

By means of a vastly improved type focussing attachment, the object to



## Cameras

be photographed can be focussed upon the film itself. This device is in the nature of a tube running right through the camera, rendered light-tight by means of a specially designed shutter in the rear.

Not only is the operation greatly facilitated by this method, but more perfect definition ensured than by the use of the old prismatic focussing glasses, as the observation tube contains an intensifier by which the object is greatly enlarged whilst focussing. If, however, the alternative and almost obsolete method is preferred, the use of this special fitting can be entirely ignored without inconveniencing the operator.

A new model film punch can be attached if desired, without additional cost.

An improved type of measuring device has been adopted, which will be found to record with perfect accuracy the quantity of film exposed.

The body of the camera is made of well-seasoned mahogany, the fittings throughout being of oxidised metal and brass.

The tripod is constructed of finely selected ash, forming a light yet rigid support for the camera.



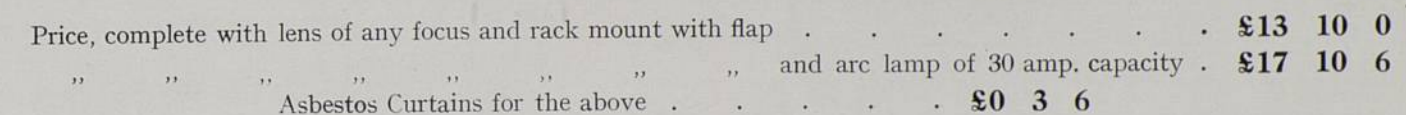




One special cinematograph taking camera, including two spool boxes, spiral focussing jacket and film punch . . . . .	£51 10 0
One view finder . . . . .	1 17 6
One 2in. Tessar F 3.5 lens . . . . .	7 17 6
One 3in. Tessar F 3.5 lens . . . . .	9 0 0
Special tripod with panoramic base and tilting top . . . . .	15 15 0
One leather carrying case to take camera, lenses, etc. . . . .	5 8 9

Alternatively the Gaumont Company can offer the old type exterior spool box camera, complete with two spool boxes . . . . .	£87 10 0
One view finder . . . . .	1 10 0
One 2in. Tessar F 3.5 lens . . . . .	7 17 6
One 3in. Tessar F 3.5 lens . . . . .	9 0 0
Special tripod, with panoramic base and tilting top . . .	15 15 0
One carrying case to take camera lenses, etc. . . . .	5 8 9

Gaumont



Fulfilling L.C.C. regulations can be delivered within three days (approximately) from receiving order, in the following sizes (including bolts, thumb-screws, and fire shutters) :—

5ft.×6ft.×7ft., sufficient capacity to hold one machine	<b>£12 0 0</b>	8ft.×6ft.×7ft., sufficient capacity to hold two machines	<b>£16 0 0</b>
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The above are unequalled for compactness and portability, as they can be assembled and dismantled with a minimum of exertion and time.

Gaumont

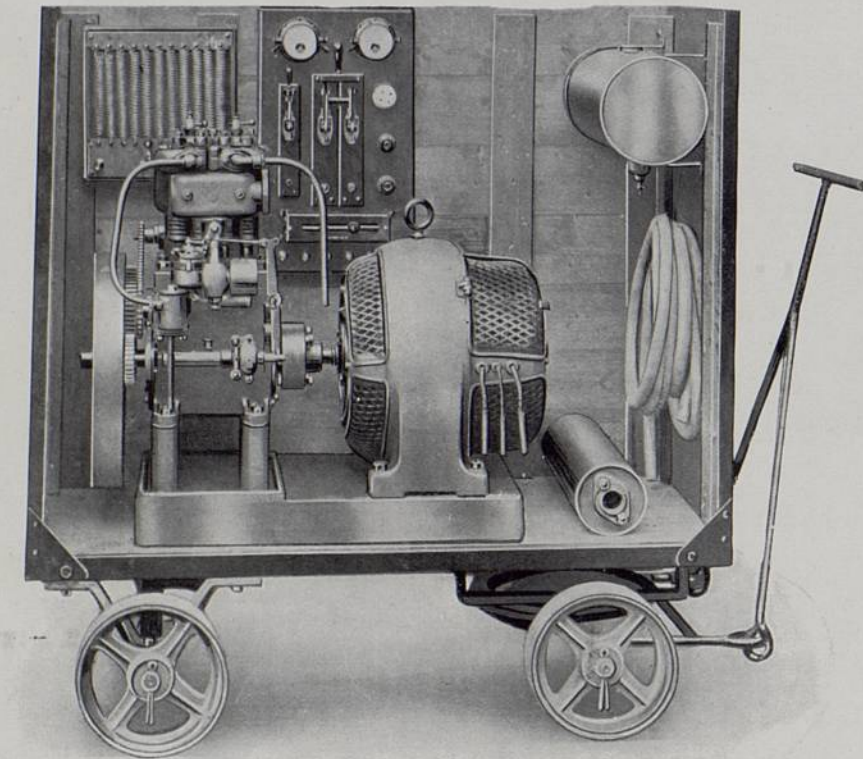




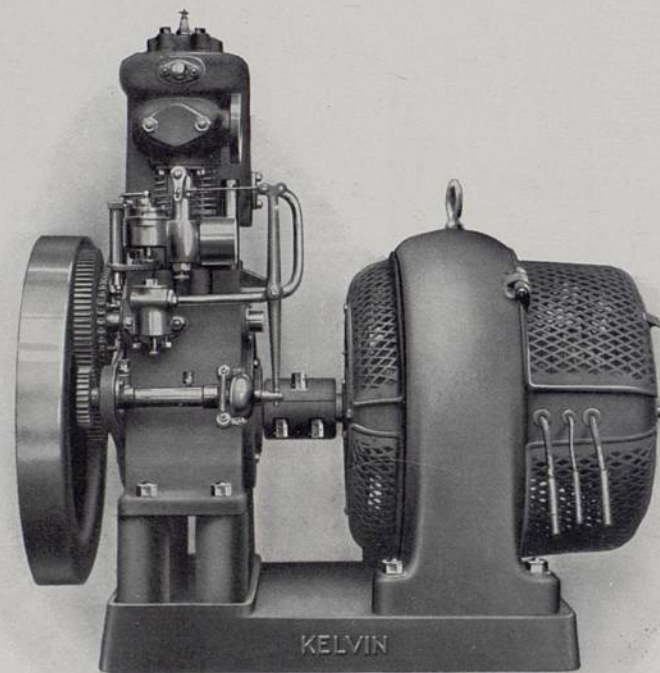
# Generating Sets

In remote districts where electric current is not available for the community at large, a light portable or stationary generating set is preferable for picture projection to any other form of illuminant. The importance of this factor has led the Gaumont Company to make a special branch of this type of installation, and after exhaustive tests it has been determined nothing is more suited to

the varying conditions encountered both in the travelling and stationary show. The accompanying illustrations and specification will serve to make clear the various points in connection with these sets; suffice it to say that their design is such as to call for only an average amount of common sense to ensure their safe and satisfactory working.



50 ampere, 60 volt Portable Set, showing switchboard, shunt regulator, and cinematograph arc resistance. Approximate nett weight, 1650 lbs. Approximate gross weight, 2235 lbs.



70 ampere, 60 volt Stationary Engine and Dynamo, switchboard, resistance and tanks, etc. (not shown). Approximate overall dimensions, 3ft. 8in. x 2ft. 1in. x 3ft. 7in. high.



# Petrol and Paraffin Driven Generating Sets

(Portable and Stationary)

## General Specification of Kelvin Set

One KELVIN Engine, high tension magneto ignition, governor, water circulating pump, silencer, all necessary pipes, fuel tank, etc., petrol starting tank in the case of paraffin engine.  
Dynamo on bedplate with engine.  
Resistance and regulating switch for cinematograph arc lamp.

Switchboard with two meters, two switches, fuses, two plugs, cut-out, shunt regulator, terminals, etc.  
Tool box, containing tool equipment and spares.  
Portable sets are mounted on substantial truck, built on iron framework with removable sides and top.

Output.	Fuel.	Number and Size of Cylinders.	Speed.	Price, Stationary.	Code Word Stationary.	Price, Portable.	Code Word Portable.
50 amp., 60 volt. .	Petrol . .	Two 3½in. x 4½in. .	850	£197 8 0	Tripetros .	£232 2 6	Tripet
50 amp., 60 volt. .	Paraffin. .	Two 3½in. x 4½in. .	850	206 12 6	Triparos .	241 10 0	Tripar
70 amp., 60 volt. .	Petrol . .	One 5½in. x 7in. .	550	228 7 6	Quapetros .	252 7 6	Quapet
70 amp., 60 volt. .	Paraffin. .	One 5½in. x 7in. .	550	239 2 0	Quaparos .	263 2 0	Quapar
100 amp., 60 volt. .	Petrol . .	Four 3½in. x 4½in. .	850	295 17 6	Sexatros .	323 12 6	Sexapet
100 amp., 60 volt. .	Paraffin. .	Four 3½in. x 4½in. .	850	308 12 6	Sexos . .	336 0 0	Sexapar

The truck included in the above is arranged for haulage by hand or horse, the latter by means of trace ropes (not included).  
Extra if fitted with horse shafts mounted for harness, £6. When ordering this arrangement by cable, add " shafts " to code word.  
Packing for shipment: Add 2½ per cent. to nett price.

LARGER SIZES ON APPLICATION. FULL INSTRUCTIONS ARE SENT WITH EACH SET.

## Limelight

For use with Gases under Pressure

For the convenience of showmen promoting cinematograph performances in districts in which electrical current is unavailable, the Gaumont Company hold an extensive stock of limelight appliances. The following articles comprise a complete outfit:—

No. 2 Gwyer Jet, with Mechanical Tray . . . . .	£6 0 0
Limes (Tin 6) . . . . .	0 3 0
Gas Tubing . . . . .	0 7 6
Wrench and Key . . . . .	0 3 9
Regulators and Gauges . . . . .	7 15 0
	£14 9 3

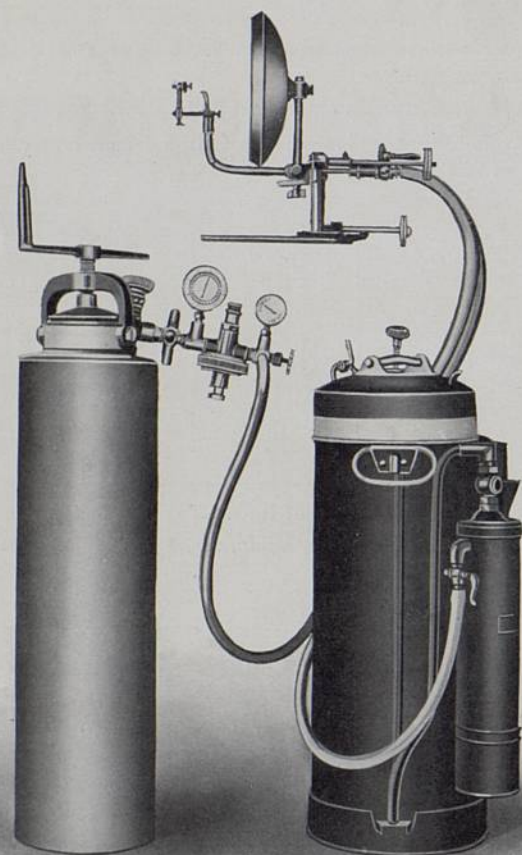






## Oxy-Acetylene Outfit

For shows on tour in foreign parts where circumstances will not permit either of electrical generating set or limelight supply, no more practical equipment than the oxygen generating outfit described below can be desired. The whole apparatus can be erected and ready for use within half-an-hour.



### The outfit consists of:—

- 1 A burner, similar in principle to the limelight jet, but employing a special "lime" in the form of a pastille which is rendered incandescent and emits an extremely powerful light. The jet is mounted on a tray, and can be mechanically adjusted in all directions.
- 2 A portable oxygen generator fitted with pressure regulator from which oxygen can be obtained in a very simple manner by means of a powder called "Oxygenite."
- 3 An acetylene generator of simple and efficient design.

This outfit will furnish a continuous light for about one-and-a-half hours; re-charging is a matter of four or five minutes.

Weight of complete plant (small size oxygen generator) about 70 lbs.

The consumption of oxygen is about 6 cubic feet per hour, equivalent to  $1\frac{1}{4}$  lbs. of Oxygenite per hour's run.

### Prices

Complete outfit, Type A, consisting of jet, oxygen and acetylene generators, and all necessary tubing . . . . .	£25 10 0
Pastilles . . . . . each	0 4 6
Pastille Carrier . . . . .	0 3 9
6in. mangin mirror, as illustrated . . . . .	3 9 0
Best quality rubber tubing . . . . . per foot	0 1 0
Drums for storing carbide or oxygenite (56 lbs.) . . . . .	1 2 6
Oxygenite packed in 12 lb. ( $5\frac{1}{2}$ kilos.) tins . . . . . per tin	1 1 0
Carbide, packed in sealed drums . . . . . per cwt.	0 19 6

(Reduction on quantity).

NOTE.—Larger sizes of Oxygen generators can be supplied according to length of run required. Quotations on receipt of enquiries.

Oxygen generators separately, for use with existing oxy-acetylene or oxy-coal gas lime lights, etc., can be supplied if desired.

Full and complete instructions are sent with each outfit.



## Carbons

The question of carbons has been recognised as of such vital importance as to prompt the Gaumont Company to devote very special attention to their composition. As a result there has been evolved a carbon that is acknowledged to be without a rival both for purity of light and durability.

Special terms for large consignments on application.

### Conradty Carbons

M/M	" NORRIS "			" CROWN "			" C "		
	7in.	9in.	12in.	7in.	9in.	12in.	7in.	9in.	12in.
12	2/3	3/-	3/10	1/7	2/2	2/9	11d.	1/2	1/6
13	2/6	3/2	4/2	1/9	2/3	3/-	1/-	1/4	1/8
14	2/8	3/5	4/6	1/11	2/6	3/3	1/2	1/5	1/9
15	3/-	3/10	5/2	2/2	2/9	3/7	1/3	1/6	1/11
16	3/7	4/7	6/-	2/6	3/3	4/2	1/5	1/9	2/4
17	4/4	5/6	7/3	2/9	3/7	4/8	1/8	2/2	2/9
18	4/8	6/1	8/-	3/4	4/2	5/6	1/10	2/4	3/1
19	5/4	6/11	9/1	3/7	4/8	6/3	2/-	2/7	3/5
20	5/10	7/8	10/2	4/1	5/3	6/11	2/3	2/10	3/10
21	6/7	8/4	11/1	4/6	5/10	7/8	2/6	3/2	4/2
22	6/11	9/1	11/11	5/-	6/4	8/4	2/8	3/6	4/7
23	7/9	9/11	13/3	5/6	7/2	9/-	2/10	3/10	5/-
24	8/3	11/-	14/7	5/4	7/9	10/2	3/4	4/2	5/6
25	9/8	12/5	16/4	6/8	8/7	11/5	3/8	4/8	6/3

The above prices are for Bundles of 25, and are subject to special discounts according to quantity.



## The "Economic" Carbon Holder

For use with either the "Elge" or "Modern Needs" Arc Lamps, listed on pages 18 and 19.

For the purpose of reducing the consumption of carbons, the device illustrated has been especially designed by the Gaumont



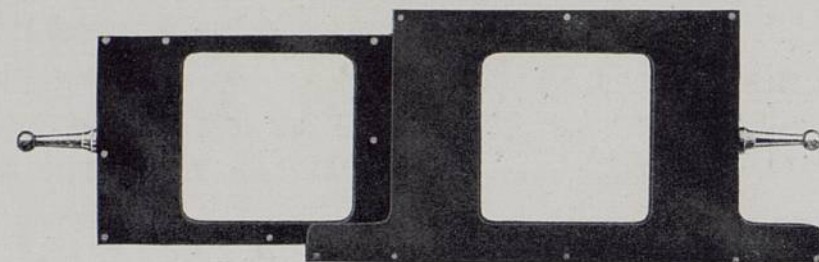
Company, and a few moments consideration of the tremendous saving of short lengths of carbons effected by its use will amply convince the showman of its utility.

Price - - - 15/- per pair





## Slide Carriers

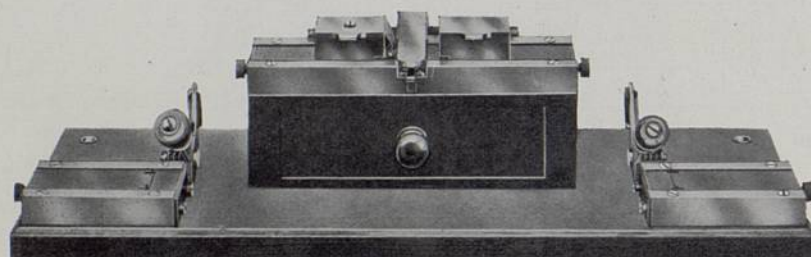


These carriers, being composed entirely of metal, are capable of withstanding the high temperatures to which they are invariably subjected when working on long throws.

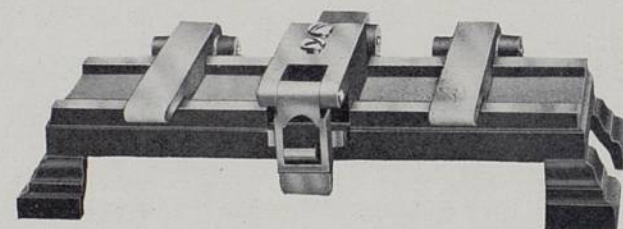
Russian Iron - - - 15/-

Heavy Brass - - £1 4 0

## Film Menders



Type A.



Type B.

Perhaps in nothing is accuracy of greater importance than in the joining up of films, and with the object of facilitating this operation special efforts have been exerted. Above are depicted two devices whereby minute accuracy is insured.

Prices :

Type A - - £6 0 0

Type B - - £2 12s. 6d.

Type C (not illustrated) - - 7s. 6d.



## Slides

Provision has been made to expedite delivery of Announcement Slides of every description, both of the black and white, coloured and indestructible varieties, upon receipt of application and specification of wording other than stock phrases, full quotation will be forwarded.

### ORDINARY SLIDES, FOR STOCK ANNOUNCEMENTS

Coloured - - 1/6 Plain - - - 1/-

### "KING" SLIDES

Coloured - - 3/- Plain - - - 2/6

### INDESTRUCTIBLE SLIDES, FOR STOCK ANNOUNCEMENTS

Coloured - - 4/- Plain - - - 3/6

### "KING" SLIDES

Coloured - - 6/- Plain - - - 5/-

## Film Cement

Special Elgé Cement (made under the Gaumont Company's exclusive recipe) strongly recommended and sold at the following prices:—

For use with Non-flam Films - per box 3/-

For use with Ordinary Films - per box 1/6

## The Gaumont Film Hire Service

IN these days when the output, whether of literature or piano-player rolls or gramophone records, is on so large a scale, the need of libraries and co-operative systems of hiring is universally acknowledged. It has been found not otherwise in the matter of films—ambitious exhibitors recognise that the wider the range of their display, the greater, necessarily, must be the attracting qualities, and they see that only by hiring such films as fit the needs of their particular locality can this desirable object be attained.

The Gaumont Company is in perhaps a unique position for collecting suitable subjects. The range covered by their organisation—itsself the result of years of experience—is unequalled, and they are, therefore, able to offer their clients an invaluable film service—one which includes every imaginable subject, topical, historical, episodic, humorous and educational.

Enterprising showmen who have not already done so would do well to consider the advisability of linking up with the Gaumont Film Hire Service without delay.







## The Filming of Topical Events

The increasing demand on the part of the public to be given a concise record of the world's current events has led the Gaumont Company to make special provision for getting topical films at the first possible moment, and placing them before the public whilst the interest is at its height. This result is achieved only by the maintenance of an exceptionally large highly trained and well-equipped staff of operators, who can be despatched at the shortest notice to any part where happenings of moment are in progress. In this way every event of importance in the world comes within the scope of the Gaumont Company's efforts.

Moreover, unique facilities are at the Company's disposal for providing clients with records of events of purely local interest. Fulllest possible particulars and estimates will be given on application.

## "The Gaumont Graphic"

This unique budget was instituted for the purpose of keeping patrons in closer touch with the events chronicled in the daily Press.

Its valuable qualities are being more generally appreciated every day, appealing as they do to every class of audience. Both from an educational and remunerative point of view, the modern showman cannot fail to realise "The Gaumont Graphic's" unique value.

Two issues of (approximately) 300 ft., making a weekly aggregate of 600 ft. (approximately), can be supplied at the nett cost of £5 per week.



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## Terms

All previous Prices and Quotations are hereby cancelled.

The Prices and Specifications in this List are subject to alteration without notice.

Terms are strictly Cash with Order. Monthly account only on approved London Trade references.

Remittances may be made by London Bank Drafts or Cheques, or by P.O. Money or Telegraphic Order, or Cable transfer, payable to The Gaumont Co., Ltd.

Remittances should cover Freight and Packing, and, in case of export, tin-lined cases.

All Claims must be made immediately on receipt of goods, or will not be considered.

Cases and Packing are returnable within one week in good condition only, an allowance of 50% being made.

We accept no responsibility for damage or loss in transit, nor for errors or delays in execution, delivery, or shipment, however arising: orders are only accepted and executed on this strict understanding. All Goods are sent at Consignee's risk.

We cannot guarantee to ship by any particular line of Steamers, but will always endeavour to meet our customers' wishes in this respect.

Delivery for Export F.O.B., London.

All correspondence should be addressed to the Company, *and not to individuals.*

**THE GAUMONT CO., LTD.**





