

Simplex

THE
PROJECTOR OF
INTERNATIONAL
REPUTATION

Sole European Concessionaires :

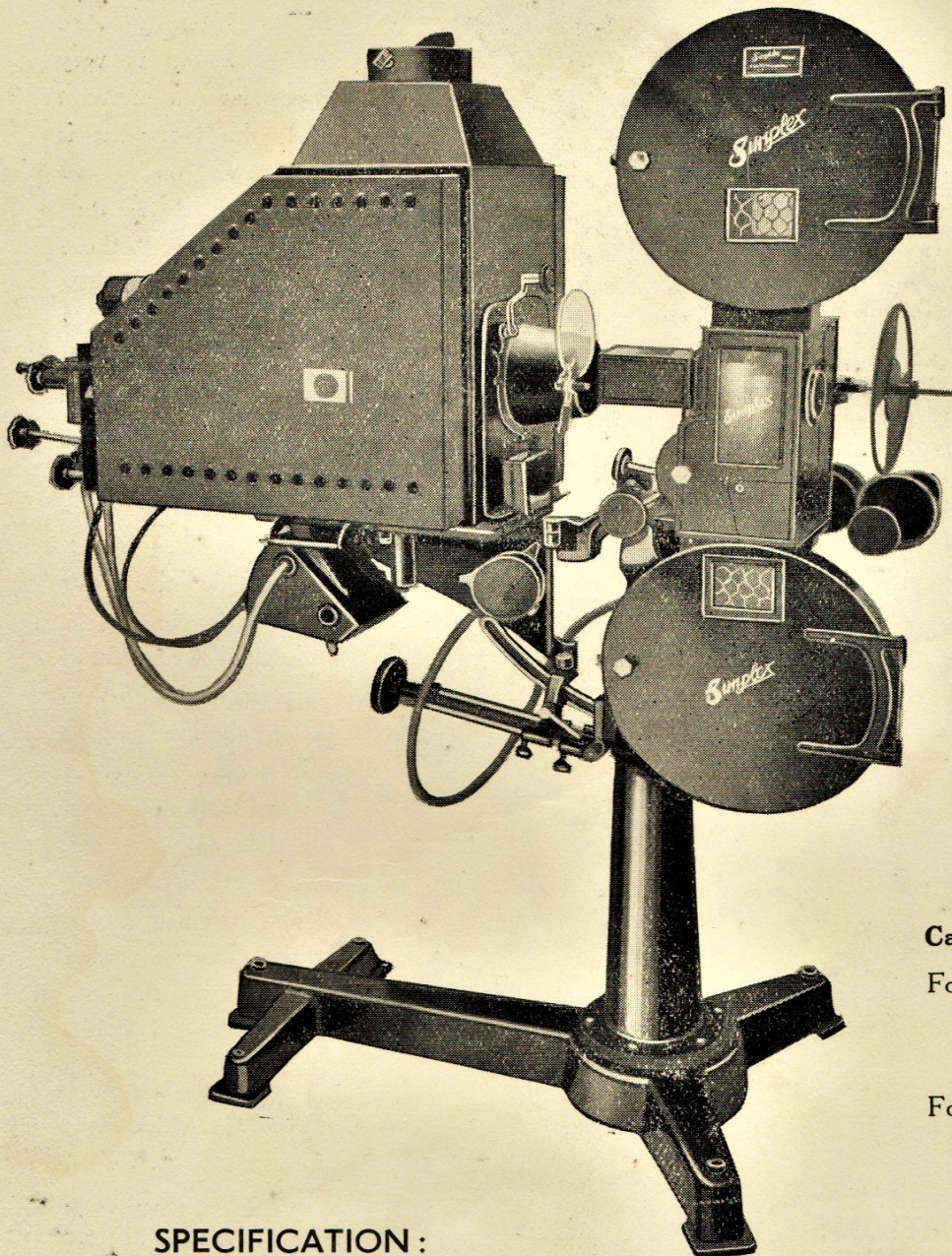
J. FRANK BROCKLISS LIMITED

58, Gt. Marlborough Street,
LONDON, W.1.



Simplex
TRADE MARK PAT'D

PROJECTOR with HALL AND CONNOLLY HIGH INTENSITY ARC



SPECIFICATION :

SIMPLEX STANDARD MECHANISM.
FIVE POINT PEDESTAL AND TILTING DEVICE.
16" UPPER AND LOWER SPOOL BOXES.
HALL AND CONNOLLY H.I. ARC.

THE Hall and Connolly Arc used in this model is in general use in most super cinemas. Ordinarily it operates at 120-140 amperes, but a model is supplied which operates up to 175 amperes. The most suitable line voltage for greatest efficiency is 100-110 volts with an average arc voltage of 68.

The arc voltage should be 65-68 for 120 amps. increasing slightly as the amperage increases above 125.

Carbon Combinations.

For 120-140 amps. :

13.6 mm x 20 H.I. Pos.

11 mm x 9 H.I. Neg.

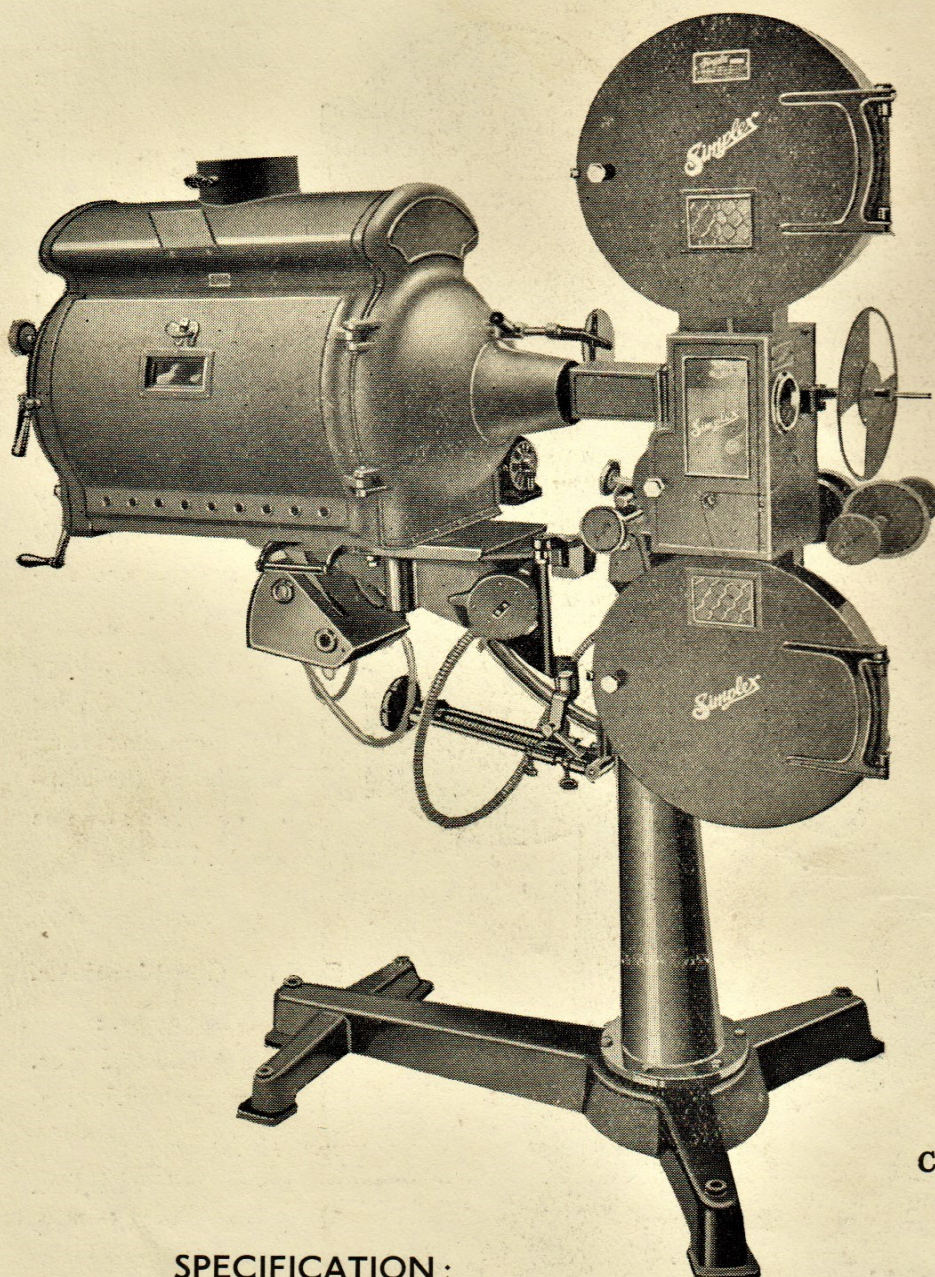
For 75-90 amps. :

11 mm x 20 H.I. Pos.

9.5 mm x 9 H.I. Neg.

Simplex
TRADE MARK PAT'D

PROJECTOR with PEERLESS HIGH INTENSITY REFLECTOR ARC



SPECIFICATION :

SIMPLEX STANDARD MECHANISM.
FIVE POINT PEDESTAL AND TILTING DEVICE.
16" UPPER AND LOWER SPOOL BOXES.
PEERLESS HIGH INTENSITY REFLECTOR ARC.

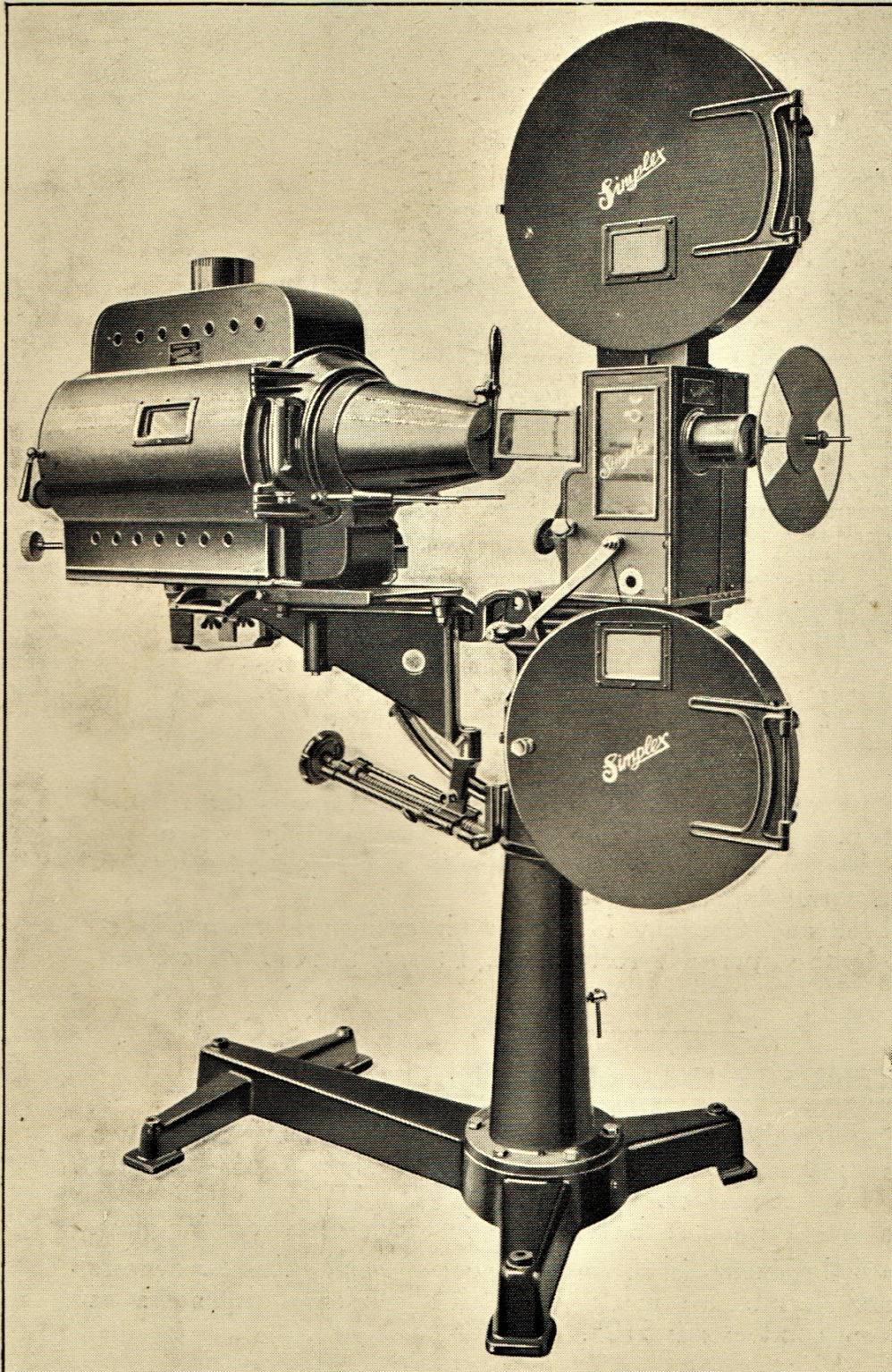
THE Peerless High Intensity Arc Lamp is very popular on account of the fact that it operates on 40-75 amps. and is thus suitable for those cinemas where the amperage available is low. It is the only H.I. Mirror Arc which has a rotating Positive Carbon, and a mechanical automatic Arc Feed. Apart from this factor the lamp is also in demand on account of the brilliant illumination obtained. At 75 amps. the light is equal to that obtained at 120 amps. in the standard H.I. Arc. Best working conditions for maximum efficiency are :—

Line Voltage 100-110
Arc Voltage - 55

Carbon Combination.
9 mm x 20 H.I. Pos.
8 mm x 9 H.I. Neg.
Size of Mirror 11½ in.

Simplex
TRADE MARK PAT. 2

PROJECTOR with PEERLESS LOW INTENSITY REFLECTOR ARC



THE Peerless Low Intensity Arc is particularly suitable for cinemas where high intensity light is not essential. It is beautifully constructed and with its automatic feed constitutes the finest arc lamp of its kind on the market.

The arc can be operated on any amperage from 10 to 35 amperes

Carbon

Combinations

16 to 20 amps.:

10 mm x 8 Pos.

7 mm x 8 Neg.

21 to 25 amps.:

12 mm x 8 Pos

8 mm x 8 Neg.

26 to 30 amps.:

14 mm x 8 Pos.

10 mm x 8 Neg.

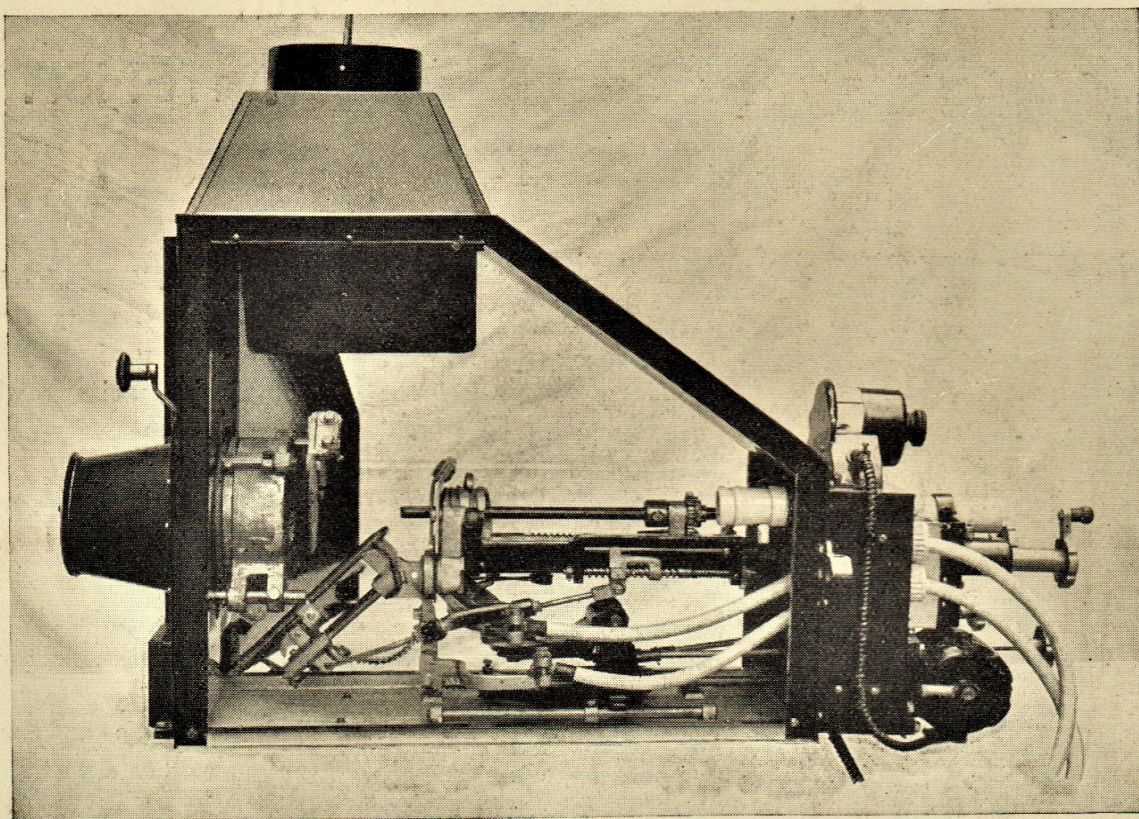
Specification :

Simplex Standard
Mechanism

Five Point Pedestal
and Tilting Device

16" Upper and Lower
Spool Boxes

Peerless Low Intensity
Reflector Arc



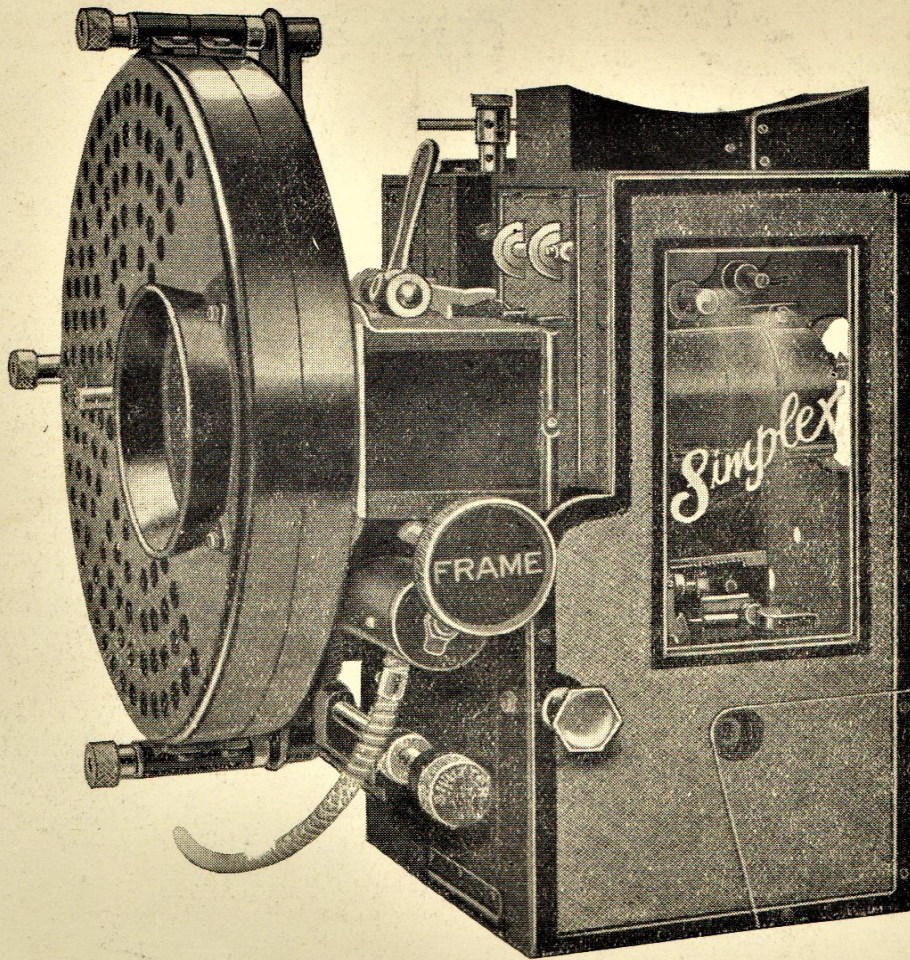
THE HALL AND CONNOLLY HIGH INTENSITY ARC

ONE of the leading features of the High Intensity Arc Lamp is the rotating positive carbon. The patents on this type of carbon control are held by the Sperry Co. and we do not handle any High Intensity Arc which does not embody this important feature.

Further, the Hall and Connolly H. I. Arc is exclusively manufactured for us in this country by the Sperry Gyroscope Co., Ltd., of the Gt. West Road, Brentford.

CONDENSER SYSTEMS FOR HALL AND CONNOLLY ARCS.

- (1) The standard unit for the Hall and Connolly Arc is a combination of two 6 x 9 Plano-Convex condensers. An alternative combination is 5½ x 9 back condenser and 6 x 9 front condenser.
- (2) Combinations as in (1) can also be obtained in special heat resisting glass.
- (3) Greatly increased brilliancy is obtained if special Aspherical condensers made by Bausch and Lomb are used. The back condenser is known as No. 5124 and the front condenser is 5125.



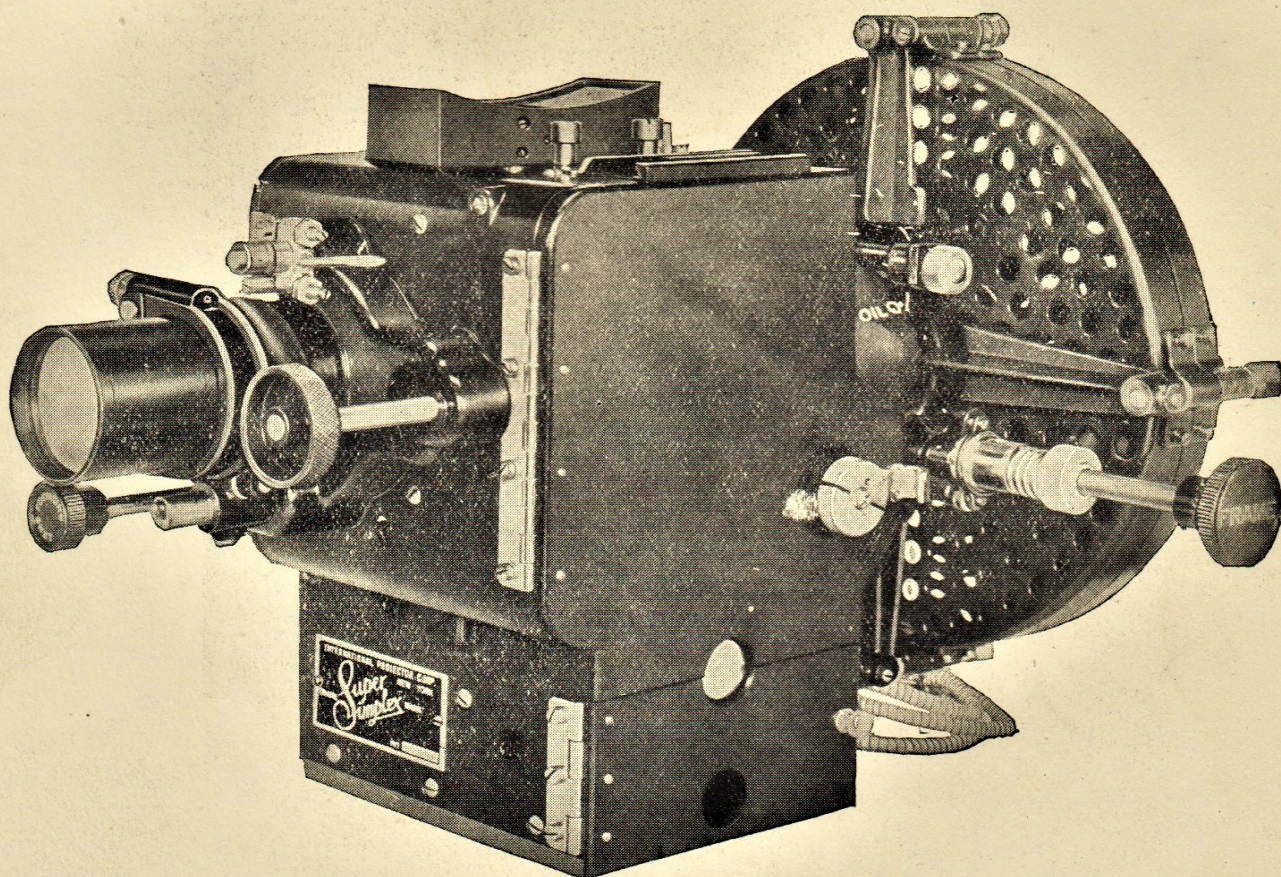
THE NEW REAR SHUTTER ASSEMBLY FOR SIMPLEX PROJECTORS

THE rear shutter model mechanism can be supplied complete or in the case of existing mechanisms the rear shutter attachment can be fitted with ease. In other words, a standard mechanism of any age can be transformed into a super model.

Our booklet on the rear shutter gives full details of the benefits to be derived from its use.

Simplex
TRADE MARK 1925

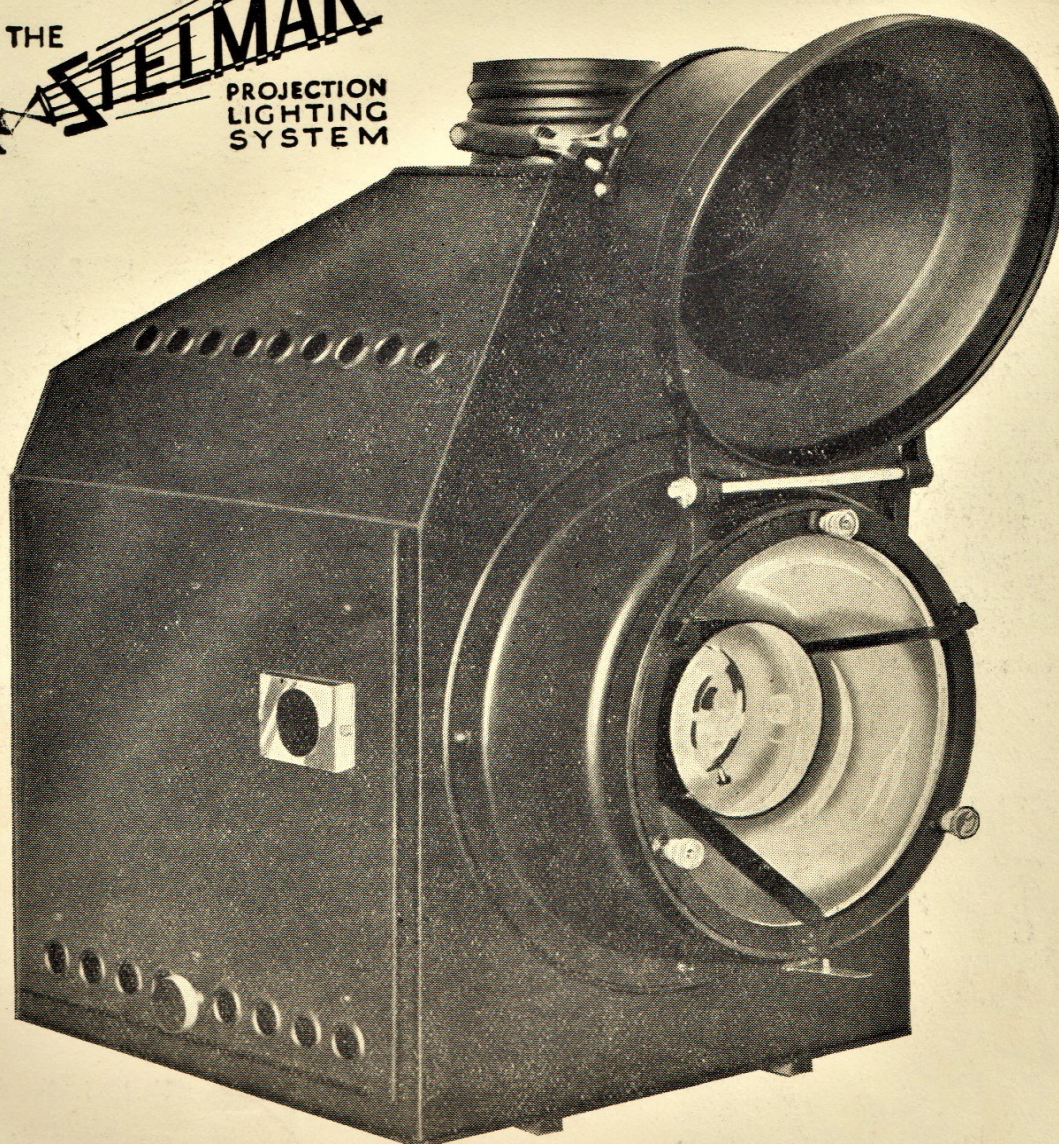
THE SUPER MECHANISM



A SUPER MECHANISM in every respect and boasts of steel hardened construction throughout, ensuring an enormous amount of life in the most prolonged hours of performance. The increased size of screens in theatres, longer throws, longer performances, the introduction of sound and conditions have created an incessant demand for this type of projector. It is designed for super projection results and heavy duty, this mechanism is without rival—Hence :—

THE PROJECTOR OF INTERNATIONAL REPUTATION

THE
STELMAR
PROJECTION
LIGHTING
SYSTEM

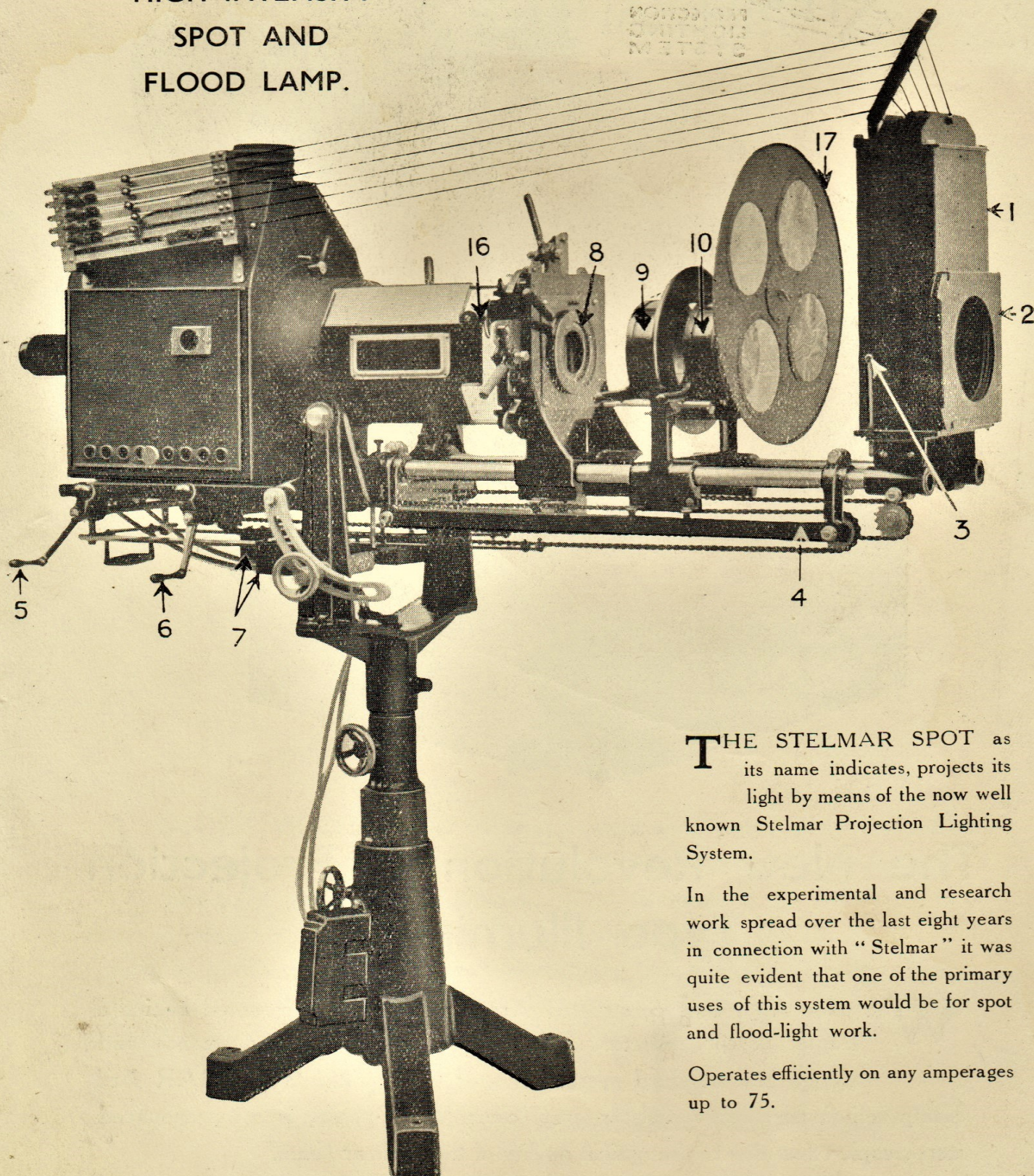


The New Revolutionary Projection Type Illuminant.

WE offer this robust constructed Arc Lamp which is mounted behind a frontal mirror reflector system. It supercedes in performance and design any standard mirror reflector lamp. The STELMAR Arc Lamp eliminates costly mirror replacements. There is a pronounced stereoscopic effect due to the optical quality of the Stelmar beam.

The STELMAR

HIGH INTENSITY
SPOT AND
FLOOD LAMP.



THE STELMAR SPOT as its name indicates, projects its light by means of the now well known Stelmar Projection Lighting System.

In the experimental and research work spread over the last eight years in connection with "Stelmar" it was quite evident that one of the primary uses of this system would be for spot and flood-light work.

Operates efficiently on any amperages up to 75.

ASK FOR A DESCRIPTIVE BOOKLET

PRICE LIST

Standard Simplex Projector, Pedestal, Spool Boxes and Double Bearing Mechanism	£135	0	0
Simplex Super Mechanism	150	0	0
Simplex Standard Mechanism	90	0	0
Simplex Mechanism fitted with Rear Shutter	120	0	0
Hall & Connolly High Intensity Arc Lamp	95	0	0
Peerless High Intensity Reflector Arc Lamp	115	0	0
Peerless Low Intensity Reflector Arc Lamp	75	0	0
Stelmar Arc Lamp	35	0	0
Stelmar Arc Lamp with Automatic Feed	50	0	0
Upper and Lower Magazines per pair	12	10	0

SPOT AND FLOOD LIGHTS

Stelmar H.I. Super Spotlight	£90	0	0
Stelmar H.I. Super Spotlight with Automatic Feed	105	0	0
Spot and Flood Lamp 100 amps	60	0	0
Spot and Flood Lamp 50 amps	18	0	0

OPTICAL LANTERNS

Model No. 8 Premier	£18	5	0
Model No. 9 Premier	21	10	0

ACCESSORIES

Peerless High Intensity Arc Mirrors each	£7	10	0
Peerless Low Intensity Arc Mirrors „	4	0	0
Simplex All Metal Spools to take 2,000 feet of film „	0	12	6
Film Storage Cabinets to take 12 Simplex Spools „	6	0	0
Film Storage Cabinets to take 6 Spools „	4	0	0
Simplex Heavy Pattern Rewinders „	5	0	0
Simplex Light Pattern Rewinders „	2	12	6
Asbestos Fire Blankets in Metal Containers „	2	5	0
Fire Buckets „	0	7	6
Simplex Fire Extinguishers „	1	16	0

BROCKLISS

LENSES

Busch Variable Focus Lens	...	...	...	...	each	£52	10	0
Taylor-Hobson Focus Lens	...	...	...	...	,,	35	0	0
Taylor-Hobson Ultimum Lens...	...	...	...	...	,,	16	0	0
Dallmeyer-Superlite Lens	...	...	...	...	,,	15	0	0
Taylor-Hobson Maximum Lens	...	...	...	...	,,	13	0	0
Taylor-Hobson Unifit Lens	...	...	...	...	,,	11	0	0
Dallmeyer, Series XIV. Lens	...	...	...	...	,,	10	0	0
Busch 52.mm. Lens	...	...	...	...	,,	6	7	6

CONDENSERS FOR HALL AND CONNOLLY

H.I. ARC LAMP

Standard 6 in. x 9 in. Plano Convex	...	...	...	each	0	9	0
Standard 5½ in. x 9 in. Plano Convex	...	...	...	,,	0	9	0
Standard 6 in. x 9 in. or 5½ in. x 9 in. Heat Resisting								
Condensers	,,	1	5	0
Bausch and Lomb Aspherical Condensers	...	...	...	the Set	10	10	0
Separately 5124 Back	...	...	...	each	4	15	0
Separately 5125 Front	...	...	...	,,	5	15	0

CHANGEOVERS

Thide Electrical Changeover Device for two or more							
machines	...	...	...	Per Projector	£15	0	0
Easifit Hand Operated Changeover Device for two							
machines	...	...	...	Per Set	10	10	0

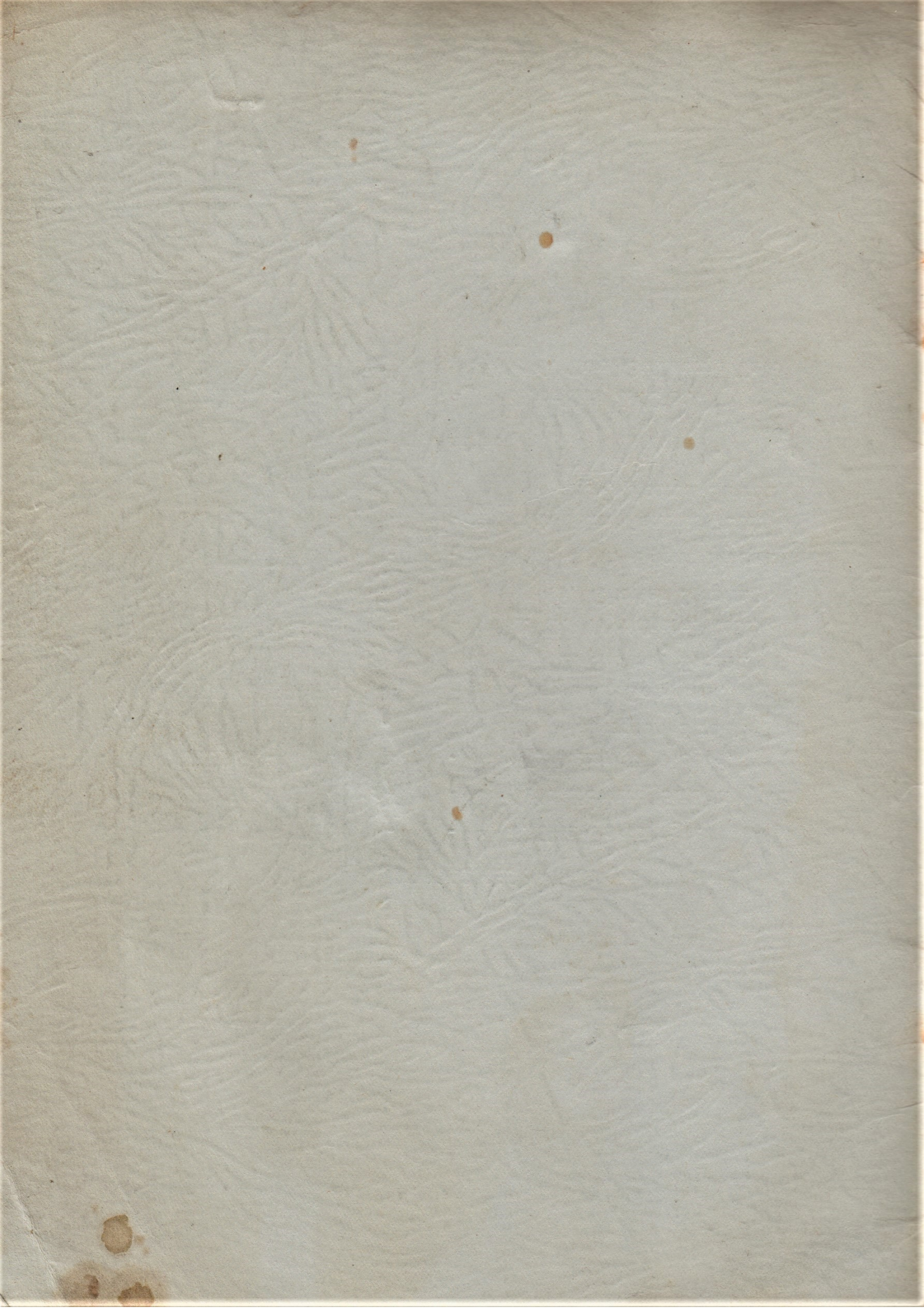
WE ALSO SPECIALISE IN THE FOLLOWING :

SCREENS—FIXED OR EXPANDING
 SWITCHBOARDS
 RESISTANCES, CONTROL PANELS
 RECTIFIERS
 GENERATORS
 AUTOMATIC FIRE SHUTTERS
 ARC VENTILATING DUCTS



Keenest prices can be quoted for above
 according to the requirements of each
 particular installation

J. FRANK BROCKLISS LTD.
 58, Gt. Marlborough St., W.1.



BRANCHES :

MANCHESTER	-	-	3, The Parsonage.
GLASGOW	-	-	181, Howard Street.
LEEDS	-	-	67, Britannia House, Wellington Street.
NEWCASTLE	-	-	Crowe & Co., Ltd., 52, Stowell Street.
CARDIFF	-	-	J. O. Wyndham, Ltd., 46, Charles Street.
BIRMINGHAM	-	-	110, John Bright Street.
DUBLIN	-	-	Irish Film Renters, Ltd., 204, Pearse Street.

And at

PARIS	-	-	-	Brockliss & Cie., 6, Rue Guillaume Tell.
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