



Maltheser Maschinenbau

Berlin SW. 61
Blücherstrasse Nr. 12
Tel.: Amt Moritzplatz 11933

G. m.

b. H.



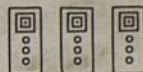
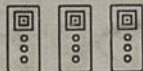
Telegr.-Adr.: Maltheser-Berlin
A. B. C. Code 5th Edition
□□□□ Private Code □□□□

Manufacturers of high grade
mathematical instruments.

Specialists in Cinematograph-Machinery

and all forms of appliances
for the production of Motion
Pictures in combination with
Talking Machines. :: Sole
manufacturers of the cele-
brated "Cinephon-Vitograph
and Photoscop" Apparatus.

Purveyors to the Royal Theatres,
— Lichtspiele Mozartsaal etc. —





TERMS.

***PRICES:** The prices quoted do not include either packing or freight unless specially stipulated as agreed to by us in writing.*

When goods are ordered "Freight paid", the customer or consignee is requested to pay the freight charges on arrival of goods and forward the carrier's receipts to us, when the amount of same will be refunded. All goods are sent at consignee's risk. If specially requested we will insure goods before dispatch, charging the insurance premium on invoice.

***PACKING** charges comprise cost price of material and labour.*

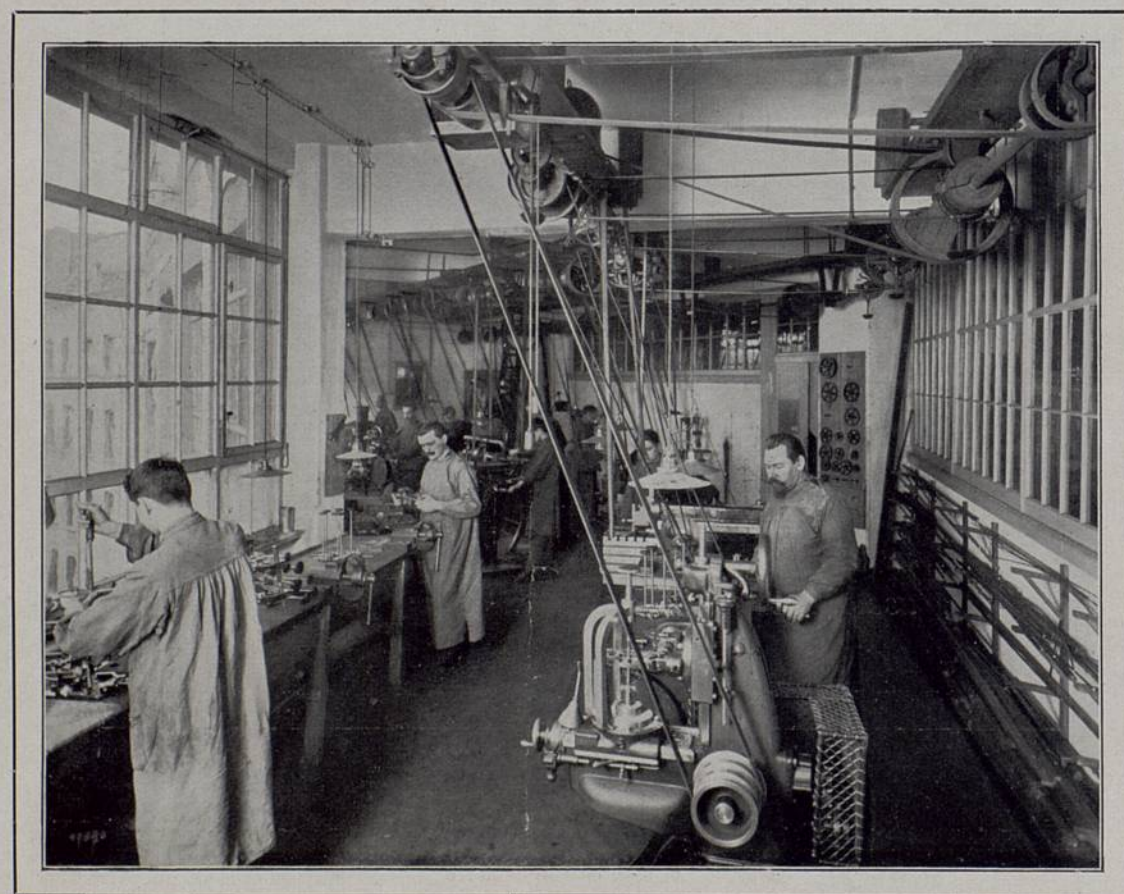
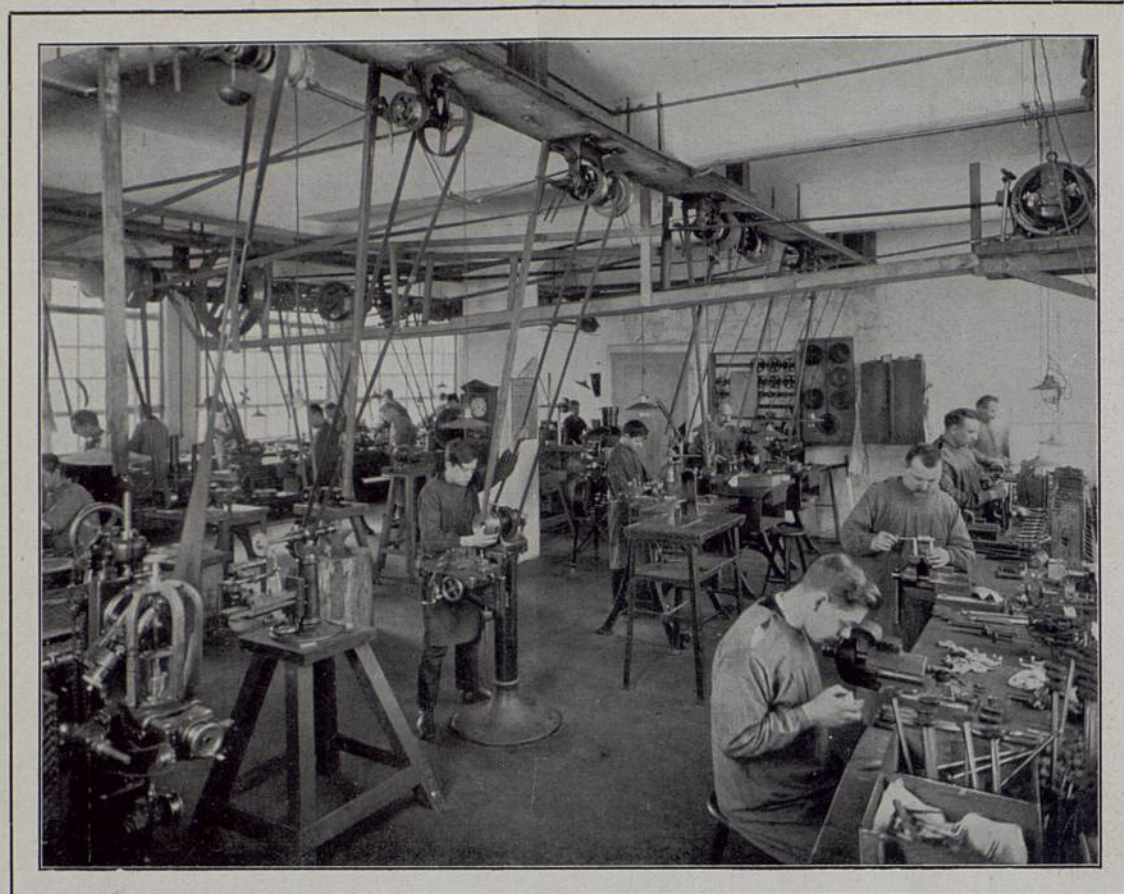
***PAYMENT** to be made in accordance with the conditions stated on our confirmation of order. Orders for spare parts to be accompanied by cash.*

***DELIVERY** is made in Berlin. All contracts entered into by us are subject to the usual clauses in respect of strikes, lock-outs & acts of God.*

***GUARANTEE.** We guarantee our machines for one year, provided payment is made in accordance with conditions agreed upon.*

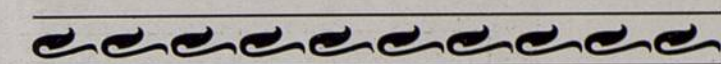
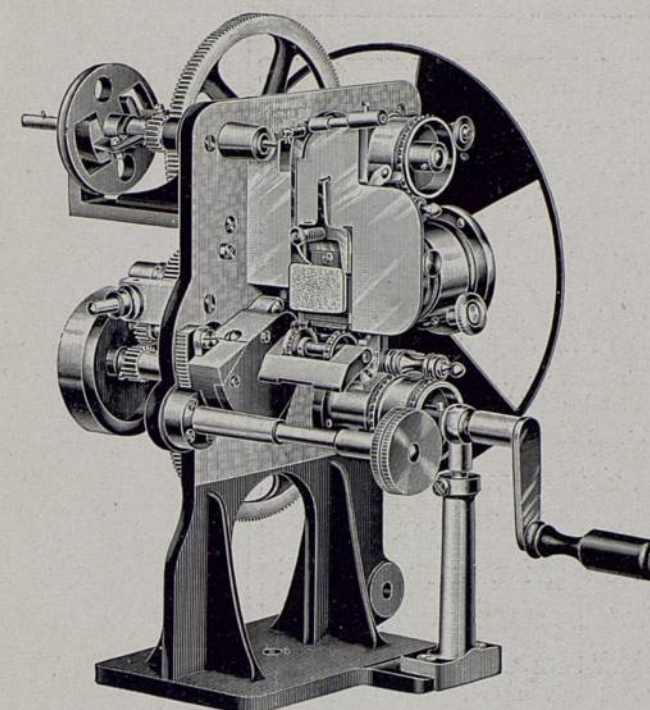
We cannot make allowances for or replace parts free of charge when the damage is due to unreasonable wear and tear, fault or careless handling or to the use of unsuitable lubricants.

W. D.
Fol.
7
BR



Maltese Cross Projector

Model "Taifun"



The Maltese Cross Projector, Model „Taifun“, enjoys a well deserved popularity on account of its technical advantages and absolute rigidity of construction. This model is especially suitable for export as all parts of the machine will stand any amount of hard wear. Through the gearing of 1 : 7 a clear and plastic picture is obtained and at the same time a great saving of current is effected. This projector is provided with an automatic safety fire-proof shutter and a simultaneous framing and shutter adjustment device.

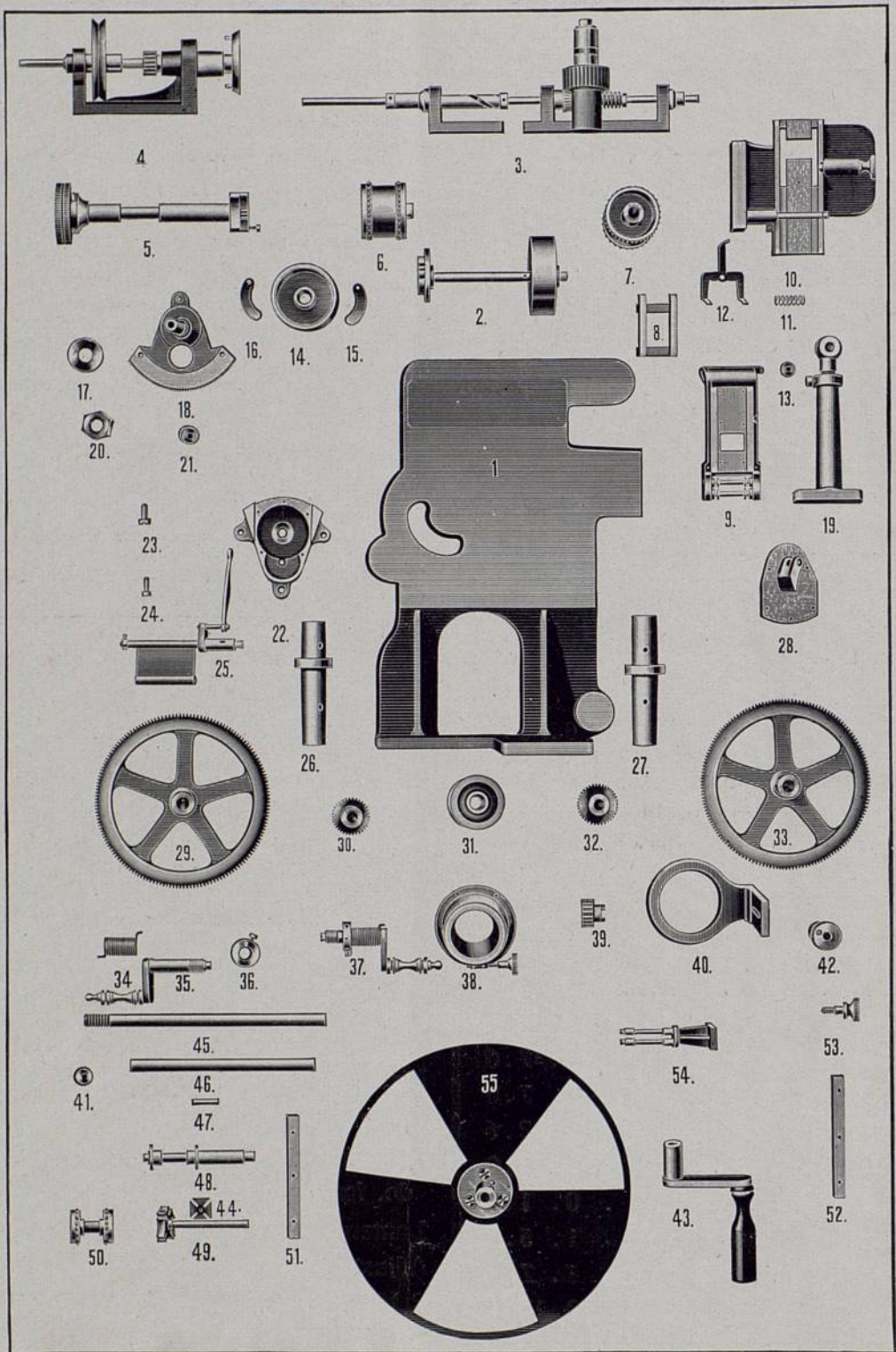
Price £ 32.10.0



	£		£
Steel pressing frame	0. 8. 6	Bottom-arm	1. 5. 0
Upper film sprocket	0. 8. 0	Maltese Cross Projector (mechanism) .	32.10.0
Lower do. do.	0. 8. 0	Arc-lamp	5. 0. 0
Sprocket wheel	0.14. 6	Lantern-body	3. 5. 0
Gate	3. 5. 0	Slide-carrier	0.18. 0
Pressing roller for window	0. 4. 3	Automatic take-up	1. 5. 0
Maltese cross	0.12. 0	2 Fire-proof spool-boxes	3. 5. 0
Maltese cross casing complete	4.15. 0	Double condenser with lenses, 103 m/m	0. 9. 0
Striking roller	0.14. 6	do. do. do. 115 m/m	0.12. 0
Film gate	0.17. 6	Kine lens for any focus	2. 0. 0
Guiding-rolls for spool-boxes	0. 7. 6	Lantern lens for any focus	1.15. 0
Shutter	0.12. 6	Tube for kine lens	0.12. 0
Handle	0. 5. 0	do. for lantern lens	0. 6. 0
Pulley-wheel	0. 1. 9	Lantern lens carrier	0. 4. 0
Lantern-lens arrangement complete	1. 5. 0	Adjustable iron stand	4.10. 0
Curtain-cut-off	1. 7. 6	2 Film spools	0. 9. 0
Slide	0.15. 0	Belt	0. 1. 0
Asbestos-cover	0. 8. 6	Asbestos cover	0. 8. 6
Top-arm	0.12. 0		

Price of complete outfit £ 52.10.0

Parts of the Maltese Cross Projector „Taifun“



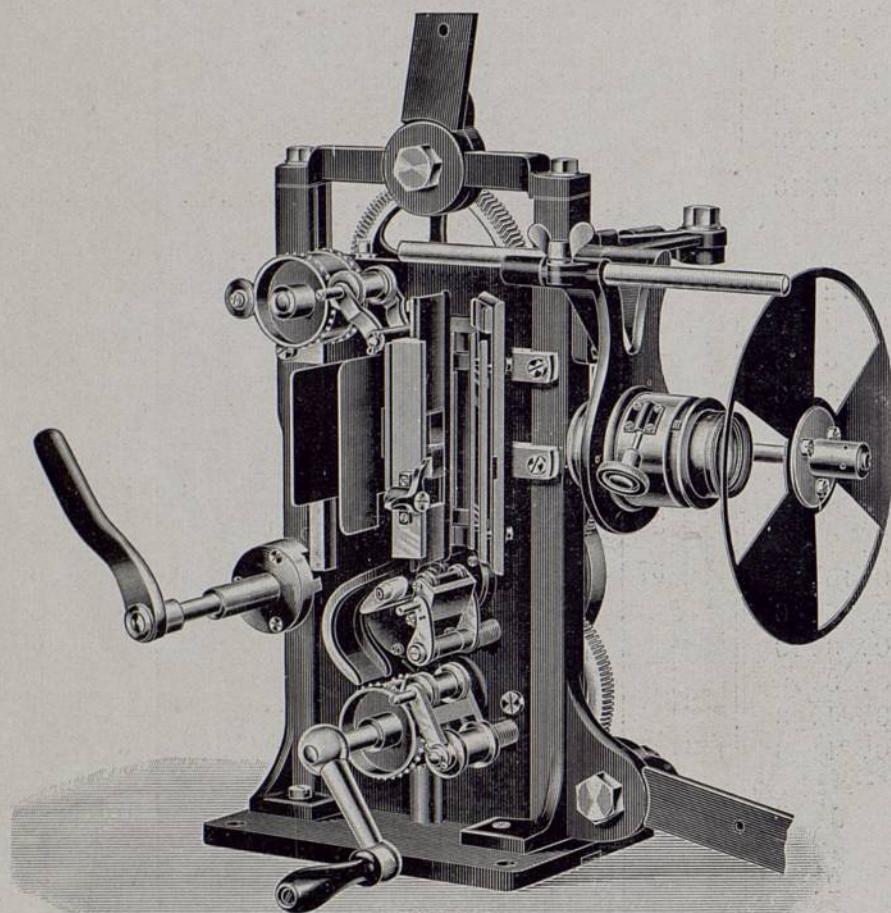
For prices and description of the various parts see list

Parts of Projector Mechanism
Model "Taifun"

№		£ s d	№		£ s d
1	Frame, pedestal		10	Gate door with bolt and hinge	1. 10. 0
2	Striking roller with fly wheel	1. 7. 9	11	Small spiral springs for runners	0. 0. 6
	1 Pin wheel	0. 14. 6	12	Compensating bridge	0. 2. 6
	1 Fly wheel	0. 6. 6	13	Threaded screw	0. 1. 6
	1 Pinion No. 39	0. 4. 0	18	1 Segment with teeth on edge	
	1 Screw nut No. 42	0. 2. 3		Screw nut No. 20 }	0. 16. 0
3	Framing device	3. 2. 10		Wheel No. 17 . }	
	1 Double bushed frame or support	1. 12. 0	19	1 Supporting pillar for main driving shaft	0. 12. 6
	1 Axis with worm drive	0. 12. 6	22	1 Cover for Maltese cross	1. 8. 6
	„ „ pin and worm	0. 3. 10	26/27	2 Bush	0. 18. 0
	1 Double cog wheel	0. 6. 3	29/33	2 Large gear wheels	0. 16. 0
	1 Conical pinion	0. 3. 6	30	1 Intermediate gear wheels	0. 3. 6
	1 Circular (or rotating) rack	0. 3. 3	32	1 Cog wheel for framing device	0. 3. 0
	1 Nozzle with screw	0. 1. 6	37	Top and bottom film holder	0. 15. 6
4	Fire shutter frame with motor drive	2. 7. 3		1 Bush No. 35	0. 2. 9
	1 Bushed frame	0. 15. 0		1 Spindle	0. 1. 6
	1 Spindle	0. 3. 6		1 Spring No. 34	0. —. 9
	1 Pulley wheel	0. 3. 10		1 Steel ring No. 36	0. 2. 9
	1 Pinion	0. 3. 0		1 Sprocket rollers	0. 2. 3
	1 Wheel with two pins	0. 4. 3		1 Spindle with boss	0. 2. 6
	1 Aluminium wheel No. 14	0. 4. 6		1 Connecting bar	0. 3. 0
	1 Brass weight — pawl No. 15, 16	0. 1. 6	38	Adjustable lens jacket and pinion	0. 12. 0
	1 Fire shutter flap No. 25		40	Lens holder	
	1 Spindle	0. 2. 6		2 Guides No. 51, 52	
	1 Flap with lever	0. 5. 3		Threaded screws No. 53	0. 18. 0
	1 Connecting rack or lever	0. 2. 6	43	Cranked handle	0. 5. 0
5	Framing device (rack)	0. 15. 6	44/49	Maltese cross	1. 2. 6
	1 Bush	0. 4. 9	45	Handle spindle	0. 3. 9
	1 Spindle	0. 2. 6	46	Top spindle	0. 2. 6
	1 Pinion	0. 3. 0	47	Conical (tapering) pin	0. 0. 2
	1 Boss with pin	0. 5. 3	48	Film guiding rolls with bushing	0. 4. 3
6	Sprocket	0. 8. 0	50	Maltese cross sprocket	0. 14. 6
7	Sprocket	0. 8. 0	54	Guide with two rollers	0. 5. 6
8	Felt pressing frame	0. 4. 3	55	Rotating shutter with spindle	0. 12. 6
9	Gate	1. 15. 2		Spindle only	0. 4. 6
	1 Frame (of gate)	0. 12. 0	21	Washer	0. 0. 3
	1 Steel bed (facing)	0. 8. 6	31	Pulley wheel	0. 1. 9
	1 Spring bolt	0. 1. 3			
	2 Rollers	0. 7. 0			
	2 Gate springs	0. 0. 9			
	4 Compression springs	0. 3. 0			
	2 Protecting plates	0. 2. 9			

Maltese Cross Projector

Latest Model "Tiger"



It is an undisputed fact, that, during the last few years, the manufacture of films has made enormous strides. In order to do our share in the development of cinematography, we have made every effort to put on the market a machine of the finest workmanship and embodying all the latest technical improvements. The model we are now putting before the trade, we have named

"The Tiger"

and we are convinced that, owing to the perfect manufacture and absolute rigidity of this machine, it will produce the finest possible results.

Price £ 35.0.0



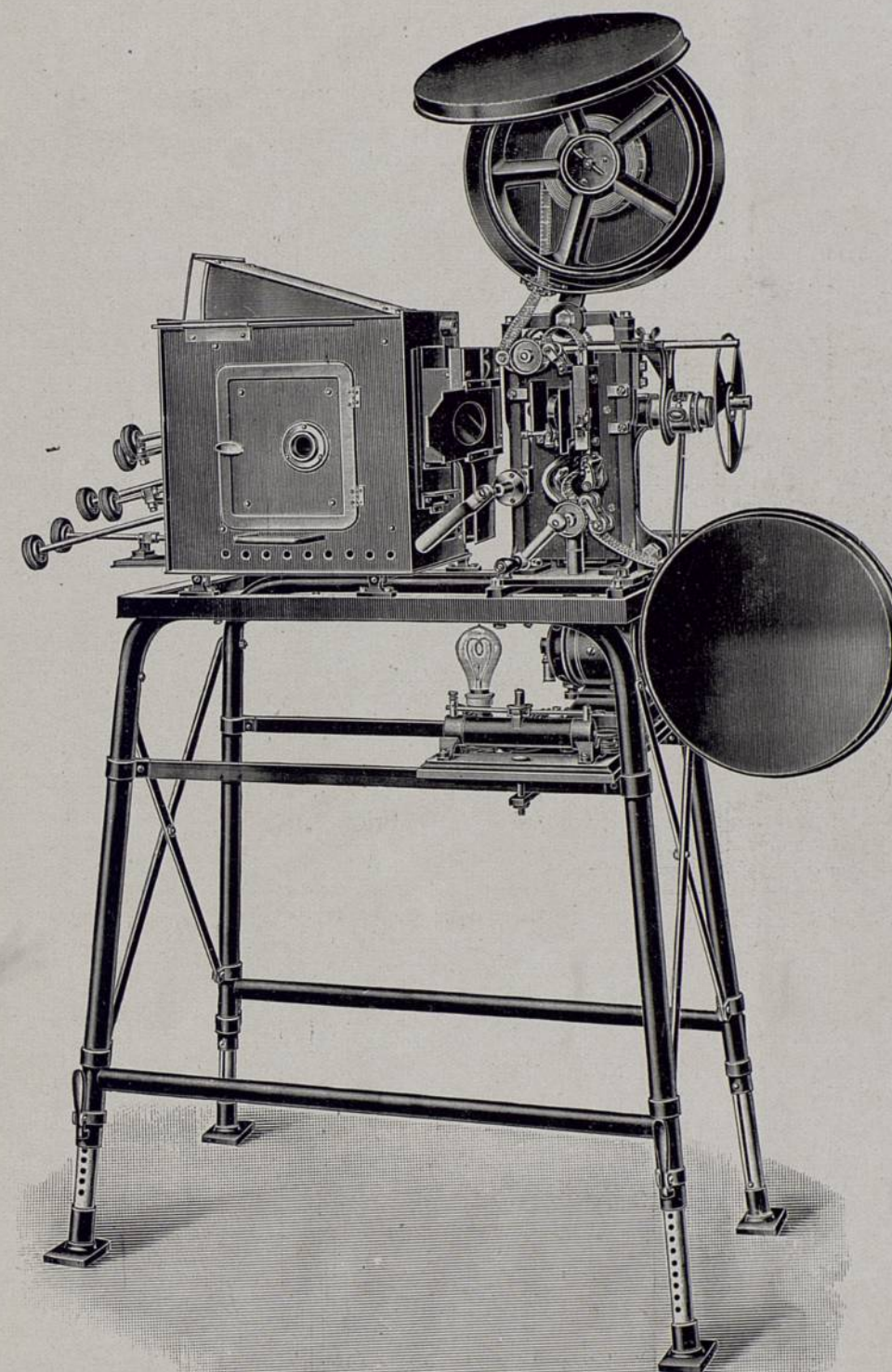
We claim the following advantages for the **Tiger** projector:

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Absolute steadiness of the picture. 2. Perfectly silent running. 3. Gearing 1 : 7. 4. Great economy in light. 5. Cross and gate can be easily taken out and replaced. | <ol style="list-style-type: none"> 6. Framing device acts without changing the optical centre. 7. Automatic safety fire shutter. 8. Automatic take up (bevelled gears). 9. Adjustable lens carrier. 10. Dust proof lubricating holes. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
11. Easy manipulation.
 12. Spare parts as per separate list.

Price of complete outfit £ 60.0.0

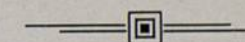
Maltese Cross Projector Model "Tiger"

Complete Outfit

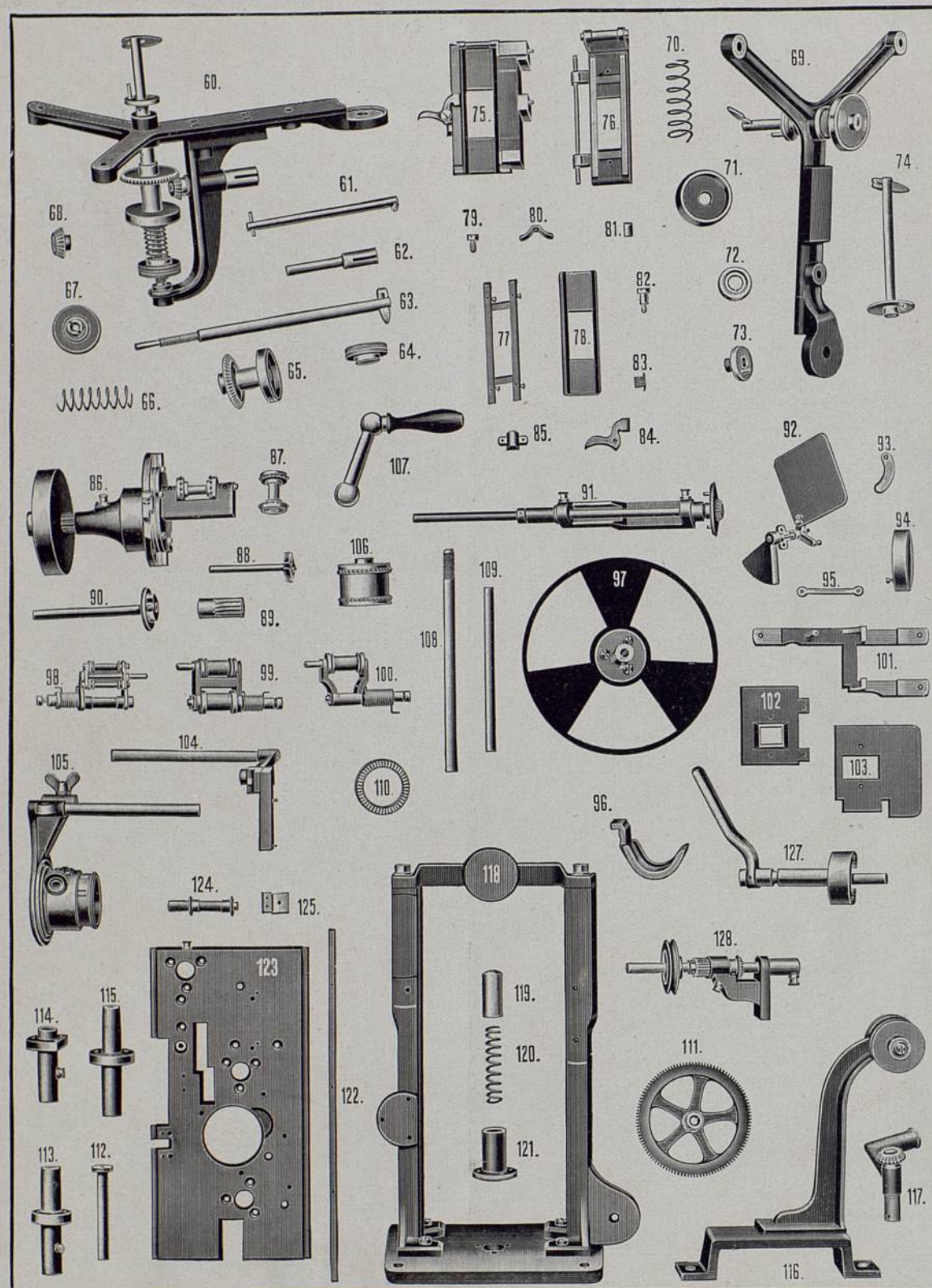


Projector Model „Tiger“ Prine £ 35.0.0

	£
Arc-lamp	5. 0.0
Lamp house	3. 5.0
Slide-carrier	0. 18.0
Automatic take-up (gear drive)	3. 8.0
2 Fire proof spool boxes	3. 5.0
Double condenser with lenses 103 m/m	0. 9.0
Double condenser with lenses 115 m/m	0. 12.0
Kine lens for any focus	2. 0.0
Lantern lens for any focus	1. 15.0
Tube for kine lens	0. 12.0
do. for lantern lens	0. 6.0
Lantern lens support	0. 4.0
Adjustable iron stand	4. 10.0
2 Spools	0. 9.0
Asbestos-cover	0. 8.6
1 Driving belt	0. 1.0
Driving motor for continuous current	2. 10.0
Starter	1. 0.0



Parts of the Projector "Tiger"

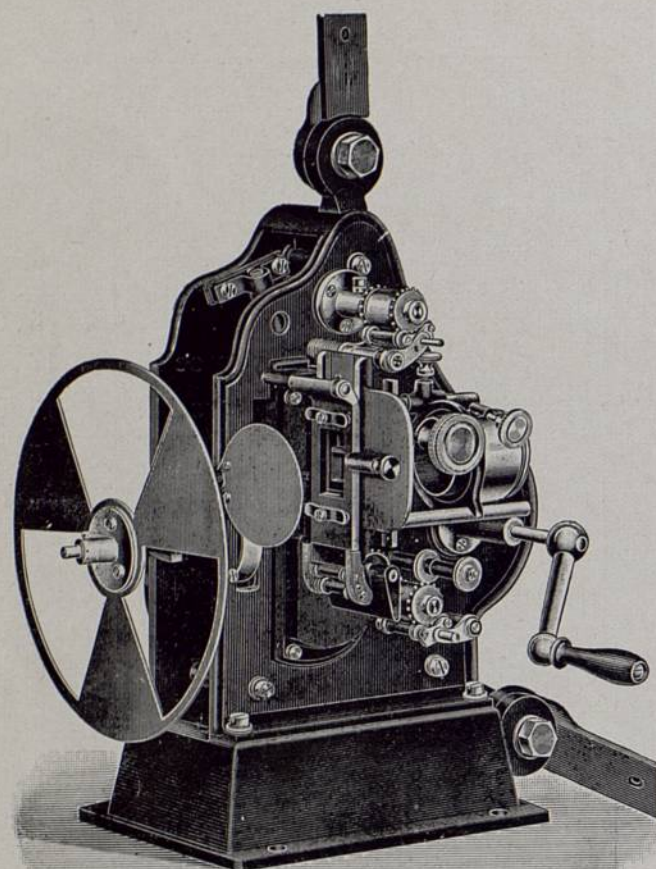


Parts of Projector Mechanism Model "Tiger"

Nº		£ s d	Nº		£ s d
60	Bottom arm with take-up . . .	2. 5. 0	94	Governor-ring	0. 4. 6
61	Pinion spindle for take-up . . .	0. 1. 6	95	Lever-rack	0. 0.8½
62	Spindle for bevelled pinion . . .	0. 1. 9	96	Film loop protector	0. 4. 6
63	Bottom film take-up spindle . . .	0. 2. 6	97	Shutter	0.15.0
64	Clutch for automatic take-up . . .	0. 2. 3	98	Pressing roller for Maltese cross sprocket	1. 5. 0
65	Sliding coupling with conical wheel	0. 6. 6	99	Pressing roller for bottom sprocket	0.17.6
66	Tension spring for bottom arm . . .	0. 0. 4	100	Pressing roller for top sprocket	0.15.6
67	Flat spring for sliding coupling . . .	0. 1.10	101	Carrier for gate	0. 5. 0
68	Bevelled wheel	0. 3. 6	102	Gate	0. 7. 0
69	Top-arm	1. 8. 0	103	Protecting plate	0. 1. 6
70	Tension spring for top-arm . . .	0. 0. 4	104	Fixed support for lens	0. 6. 0
71	Sliding coupling	0. 2. 0	105	Lens holder with tube	1. 4. 6
72	Holder for tension spring . . .	0. 1. 6	106	Top & bottom sprocket . . . à . . .	0. 8. 0
73	Striking roller for top & bottom arm	0. 1. 9	107	Handle	0. 6. 0
74	Top arm spindle for film with fastener & disk	0. 3. 9	108	Handle spindle	0. 3. 9
75	Gate	4. 5. 0	109	Spindle for top sprocket	0. 2. 6
76	Frame of gate	0. 4. 6	110	Gear & crank for take-up	0. 4. 6
77	Steel frame	0. 4. 6	111	Large wheel	0.10.0
78	Velvet frame	0. 5. 0	112	Spindle for middle wheel	0. 2. 6
79	Screw for tension spring	0. 0. ½	113	Lower or bottom bush	0.12.0
80	Gate spring	0. 0. 4	114	Middle „	0.10.0
81	Bottom bush for tension & gate spring	0. 0. 5	115	Upper or top „	0.12.6
82	Screw for gate bolt	0. 0. 1½	116	Pulley wheel for motor drive	0.15.0
83	Spring catch for gate	0. 0. 4	117	Bush with spindle & pinion for (re-wind) take up	0.17.0
84	Gate handle	0. 1. 0	118	Pedestal (or stand) with connecting link	
85	Gate catch	0. 1. 3	119	Spindle (or sleeve) for spring	0. 7. 0
86	Cover for Maltese cross with fly wheel & pinion	6.15.0	120	Compensating spring	0. 0. 6
87	Maltese cross sprocket	0.14.6	121	Runner	0. 0. 9
88	Maltese cross	1. 2. 6	122	Frame, pedestal	4. 5. 0
89	Pinion for fly wheel	0. 3. 6	123	Film guiding roll	0. 4. 0
90	Pin wheel	0.16.6	124	Strengthening bracket film guiding roll	0. 1. 4
91	Framing device		125	Framing handle	1. 2. 0
92	Fire shutter complete	0. 8. 6	126	Bush (or pulling) for motor drive	1.15.0
93	Governor	0. 1. 0			

Maltese Cross Projector

Model "Maltheser"



On account of the rapid evolution of cinematography and the ever increasing number of persons interested therein, picture theatre owners and the authorities find themselves continually face to face with new technical problems. Recognising this fact, our entire attention is concentrated on the solution of these questions, by the production of new forms of cinemachinery and the improvement of those already in existence.

Our latest pattern projector, Model „Maltheser“, though but a short time on the market, has already won golden opinions in the Motion Picture World and proved itself to be a first class and reliable machine in every respect.

Model "Maltheser"
(Mechanism) £ 26.0.0

The chief advantages of the "Maltheser" Model are

1. All spindles run in compound bearings.
2. All bushes made from high grade gunmetal.
3. Absence of chain drives.
4. Even and silent motion.
5. **Shutter between Gate and Condensor.**
6. Intermittent ratio of 1 to 7 (about).
7. Maltese cross running in oil bath.
8. Dust proof lubricators.
9. Automatic cut-off.
10. Can be supplied to suit every size of projection room.
11. Can therefore be used with all lamp houses in use in existing theatres.
12. Duplex pressure rollers running in compound bearings.
13. Changeable felt frame in gate.
14. All spares kept always in stock.

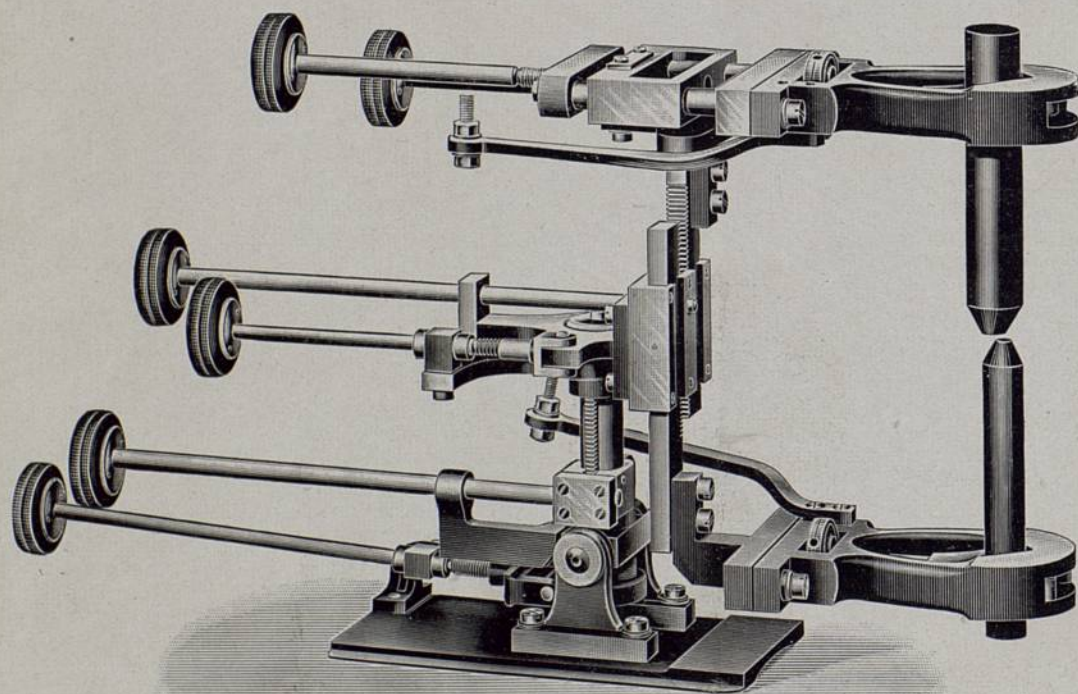
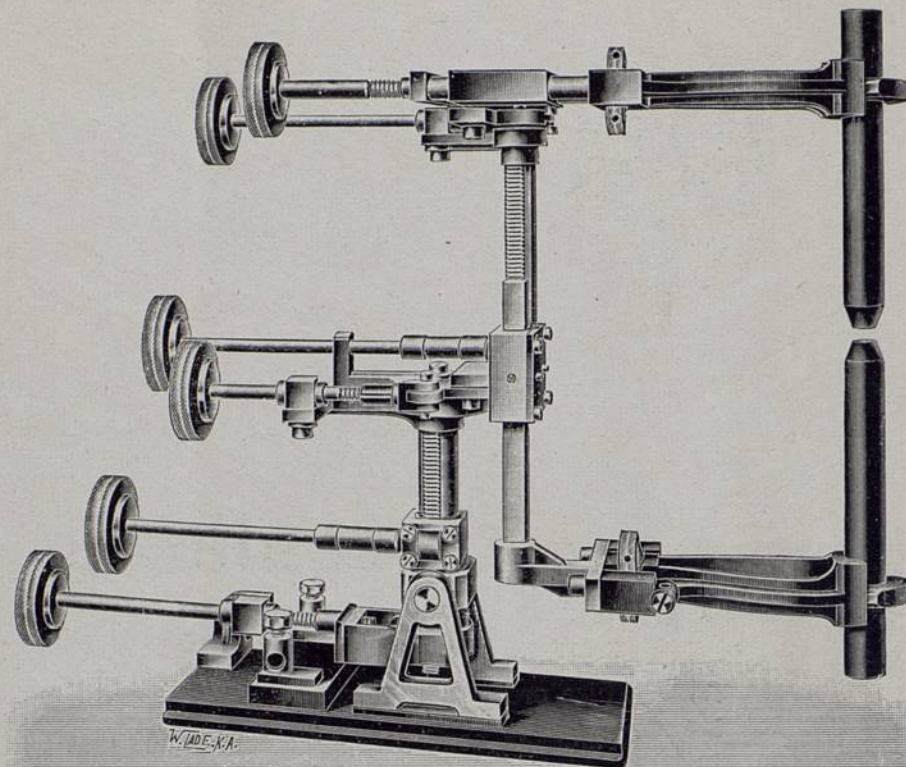
Parts of Projector Mechanism Model "Maltheser"

	£	s	d
Mechanism alone	26.	0.	0
Arc lamp	5.	0.	0
Shutter for titles	0.	18.	0
Automatic take up	1.	5.	0
2 Fire proof spool boxes	3.	5.	0
Compound condensor with lenses 103 mm dia . .	0.	9.	0
Lamp house	3.	5.	0
Kine lens (special quality)	2.	0.	0
Slide lens	1.	15.	0
Tube for kine lens	0.	12.	0
Tube for slide lens	0.	6.	0
Lantern lens support	0.	4.	0
Adjustable iron stand	4.	10.	0
2 Spools	0.	9.	0
Asbestos cover	0.	8.	6
1 Driving belt	0.	1.	0
1 Continuous current driving motor	2.	10.	0
Starter	1.	0.	0
Price complete £	52.	7.	6

Arc Lamps

will carry from 50-70 Amps.
without leads-direct contact.
Export model with carbon-
holders suitable for either
continuous-alternating or
3 phase current

£ 5.0.0



Large Size Lamp With six movements Carries up to 150 Amps.

Ensures best results with
the current available.
Great economy in car-
bons and current.

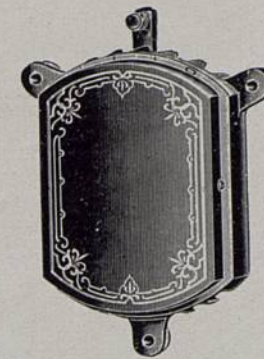
**Suitable for the highest
class of work.**

Direct contact-No leads
Counterpress-stops
for carbons and extra long
spindles.

Absolute rigidity!

£ 6.5.0

Starting Resistance for Driving Motor

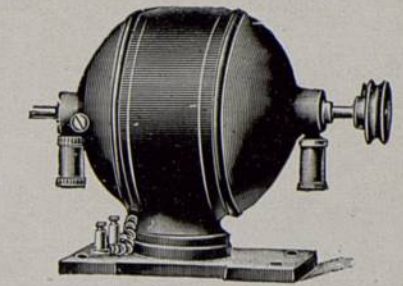


Price £ 1.0.0

Finely
graduated
speed
regulator
with "off"
position

£ 1.5.0

Driving Motor for Continuous Current



110 Volts . . . £ 2.10.0
220 Volts . . . £ 3.0.0

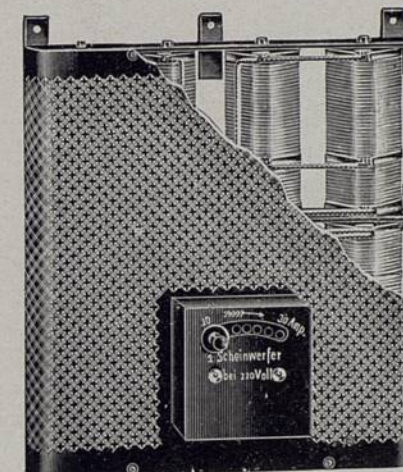
Special quotations for other voltages and
currents.

Regulating Resistances

with regulating lever with 5 contacts

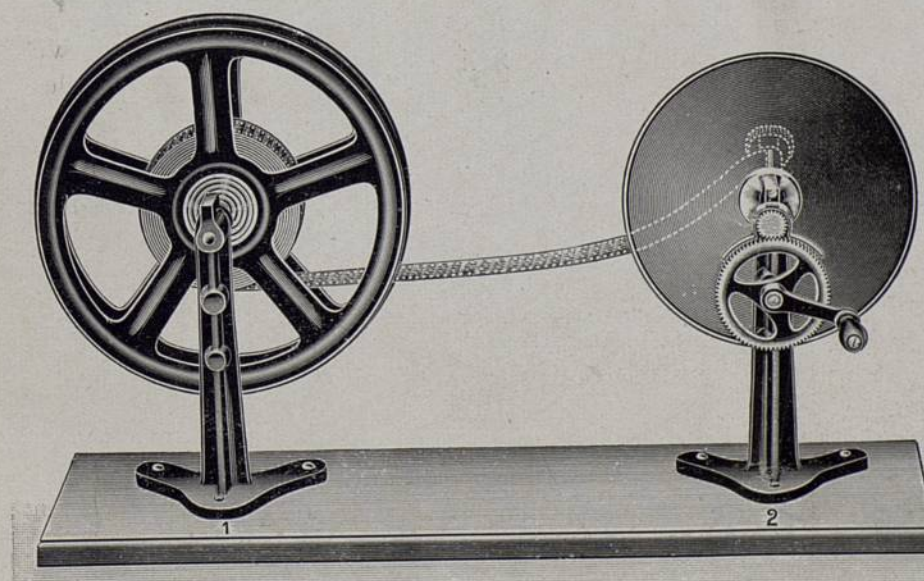
for

5 variations of current



These regulating resistances are not made with ordinary spiral coils,
but consist of several firmly wound coils (as per illustration at side). This
arrangement ensures a considerably greater strength and consequently a longer
life as compared with that of the ordinary type of resistance, where
the spirals frequently sag and thus cause a short circuit.

These coils are mounted on a strong iron frame which is protected by a perforated metal shield.
The regulating lever is protected by a cover made of insulating material.



Film-Winders

Price £ 0.12.0

Re-winder £ 1.0.0

Re-winder mounted on base-
board £ 1.5.0

Disc for film-winder
£ 0.5.0



(For honourable merits the City of Berlin)

C37/848