



TRADE MARK

KRUPP- ERNEMANN

Spare Parts for Cinemas

The following list contains all spare parts furnished by us for our Krupp-Ernemann cinematographic projectors. The illustrations show the spare parts for the steel projector "Imperator" of standard type. Parts of other kinds of apparatus are similar and for that reason we refer by numbers to the illustration of the "Imperator" parts. When ordering spare parts it is necessary to give a short description of the apparatus in addition to stating number of spare part and factory number. Our spare parts for cinematographic apparatus, like the apparatus themselves, are made exclusively of best material of highest capacity of resistance and represent throughout works of precision. The prices are reasonable. A number of smaller shops make it a practice since some time of offering spare parts for Krupp-Ernemann apparatus at lower prices.

We expressly warn the public to beware of inferior imitations whose value in use is far less than that of our original spare parts for cinematographic apparatus and which exert a most unfavorable influence upon the capacity of the apparatus. Always ask for **original** Krupp-Ernemann spare parts. **Every important part bears our trade mark shown above.**

Sole
Highest Distinction

Honorary Diploma and Gold Medal Int. Cinema Exhibition
for the best cinematographic reproduction apparatus London 1921.

W.D.
40
130
BR

Spare Parts for Krupp-Ernemann Steel Projector "Imperator" Standard Type

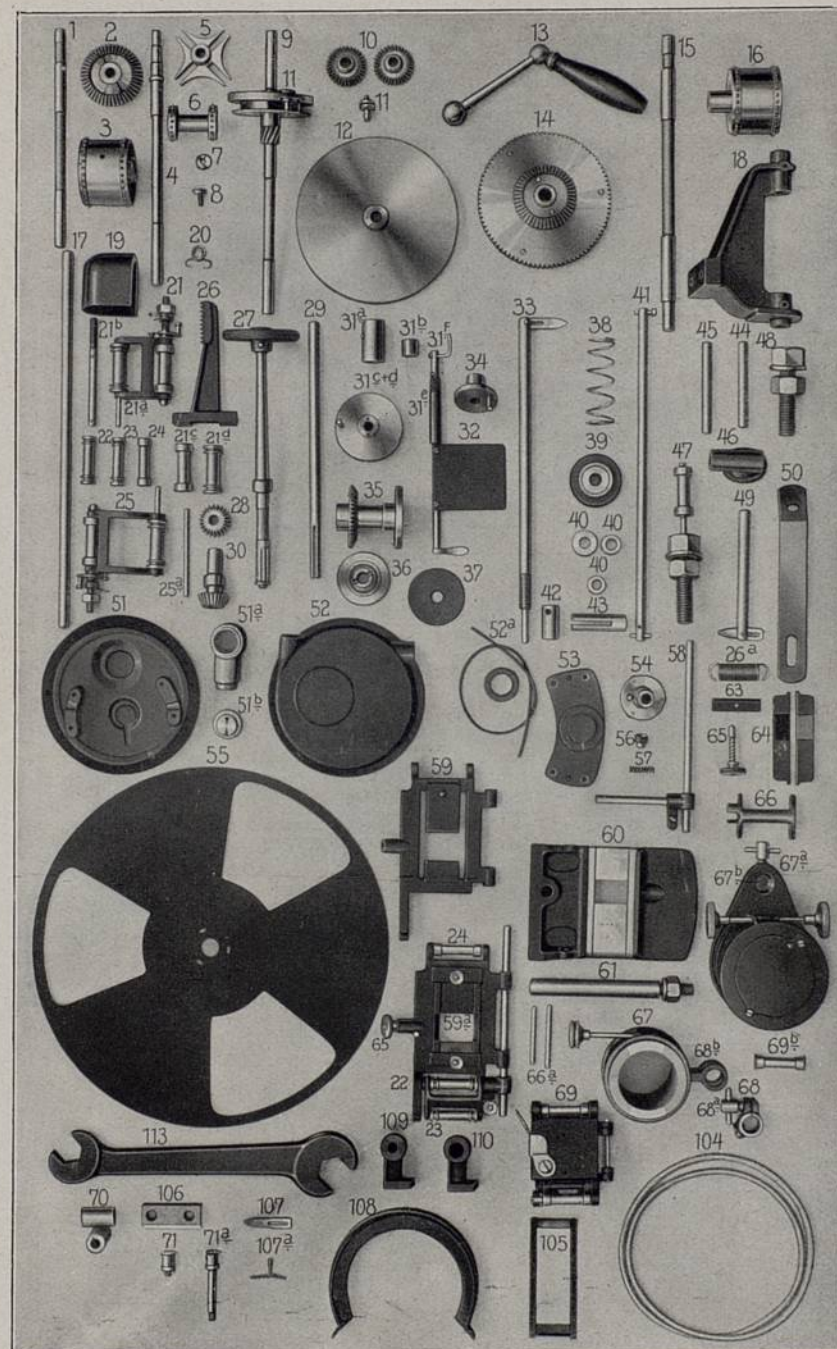
Order Nr.

1. Top sprocket feed spindle
2. Bevel gear for top sprocket spindle
3. Top large film sprocket
4. Maltese cross spindle
5. Maltese cross
6. Feed sprocket
7. Washer for feed sprocket
8. Screw for feed sprocket
9. Flywheel shaft with pin disc, pin and roller. (Number of apparatus must be stated)
10. Bevel gears for flicker shutter drive
11. Striking pin with roller
12. Fly wheel
13. Crank
- 13a. Crank handle
14. Main gear with bevel gear and bronze rim
- 14a. Bronze gear detached
- 14b. Bevel gear with screws, extra
15. Driving shaft
16. Large bottom film sprocket
17. Rotary flicker shutter spindle
18. Flicker shutter bracket complete with screw
19. Bevel gear cover
20. Spring for top pressure bracket
21. Complete top pressure bracket
- 21a. Carrying and operating pin for grooved pressure roller
- 21b. Hinge pin for pressure roller bracket
- 21c. Straight roller for Nr. 21 and 25
- 21d. Grooved roller for Nr. 21 and 25
22. Grooved pressure roller for gate (upper) intermittent
23. Grooved pressure roller for gate (lower) intermittent
24. Guide roller for top of gate
25. Complete bottom pressure roller bracket
- 25a. Carrying and operating pin for grooved pressure roller Nr. 25
- 25b. Hinge pin for Nr. 25
26. Rack for masking device
- 26a. Masking spring
27. Masking shaft complete with pin
28. Bevel pinion gear for top sprocket drive (27 or 23 teeth)
29. Vertical driving shaft
30. Bevel pinion with sleeve and collar (27 or 23 teeth)
31. Complete automatic shutter
- 31a. Sleeve for adjusting spring on friction clutch
- 31b. Spiral spring for automatic shutter

Order Nr.

- 31c and d. Male and Female clutch for automatic shutter
- 31e. Bearing sleeve for safety shutter
- 31f. Angle piece for lifting shutter
32. Metal shield for automatic shutter
33. Take-up spindle for bottom spool arm
34. Driving ring for bottom spool arm
35. Bevel gear with friction clutch (male)
36. Female section for take-up friction clutch
37. Friction washer
38. Tension spring for take-up
39. Adjustable nut for tension spring
40. Distance collars for bottom spool take-up 9 mill.
- 40a. Fixing collar for bottom of gate 6 mill.
- 40b. Distance collar for flicker shutter spindle 8 mill.
- 40c. Collars for top and bottom sprocket spindles, 11 mill.
41. Transmission shaft with screw for bottom spool drive
42. Short coupling sleeve for bottom spool drive
43. Long slotted coupling sleeve for bottom spool drive
44. Upper short shaft for bottom spool drive
45. Lower long shaft for bottom spool drive
46. Bearing bracket for upper short shaft
47. Bolt for bottom spool arm complete with guide roller and nut
- 47a. Guide roller for Nr. 47
48. Bolt for top spool arm with nut
49. Spindle for carrying top spool
50. Tension spring for top spool arm
51. Inside section of oil bath attached to main casting
- 51a. Inspection gauge on oil bath
- 51b. Screw cap for oil bath
52. Outer cover of oil bath
- 52a. Packing material for oil bath
53. Bridge bearing for fly wheel
54. Flicker shutter boss complete with screws
55. Shutter, 2 or 3 wings
- 55a. Shutter shield
56. Knurled head adjusting screw for gate spring
57. Tension springs for gate
- 57a. Tension spring for bracket on intermittent pressure roller
58. Hinge pin with angle piece for gate front section
59. Front gate casting

When ordering please state number of apparatus in addition to number of spare part, and also whether for standard or Jubilee model.



1161

Spare Parts for Krupp-Ernemann Steel Projector "Imperator"

Sole Highest Award for
Projectors

Medal of the City of Berlin

Cinema Exhibition
Berlin 1912

Sole Highest Award for
Projectors

GREAT GOLD MEDAL

Int. Cinema Exhibition
Vienna 1912

Order Nr.

- 59a. Complete gate with guide rollers consisting of all parts that make the whole compl. front sect. of the gate
60. Re arsection of gate grooved channel and mask
61. Cine lens carrying rod with locking nut
63. Bridges for gate skates
64. Skate runners
65. Gate catch complete with spring plunger
66. Tension pressure rollers brackets for intermittent sprockets
- 66a. Carrying pin for Nr. 66, 24 etc.
67. Cine jacket complete without lens
- 67a. Lens jacket complete with supporting ring for lantern
- 67b. Fixing screw and supporting ring
68. Cine jacket carrying ring fitted with screw
- 68a. Cine jacket locking screw
- 68b. Cine jacket holder
69. Fire trap complete with roller
- 69a. Complete set of 4 rollers for fire trap

Order Nr.

- 69b. Flange rollers for fire traps
- 70a. Bronze bushing for top film sprocket and Maltese cross shaft, 8 mm
- 70b. Bronze bushing for flywheel shaft, 9 mm
- 70c. Bronze bushing for driving shaft 10 mm
71. Oil cup with spring cover
- 71a. Oil cup with spring cover for top sprocket with extending tube
104. Spring belt
105. Velvet gate runners detachable
106. Bevel guide for fixed masking movement
107. Spool spindle clip
- 107a. Spring for catch on spool spindle
108. Cover for gear on main drive
109. Top bearing bracket for vertical shaft
110. Bottom bearing bracket for vertical shaft
111. Fixing bolts for mechanism
112. Felt pads for mechanism (set of 4)
113. Double headed spanner

Spare Parts for Krupp-Ernemann Steel Projector "Imperator" Jubilee Model

Order Nr.

1. Top sprocket feed spindle
3. Top large film sprocket
4. Maltese cross spindle
5. Maltese cross
6. Intermittent sprocket
7. Washer for intermittent sprocket
8. Screw for intermittent sprocket
10. Bevel gears for flicker shutter drive
11. Striking pin with roller
12. Fly wheel
13. Driver handle
15. Driving shaft
16. Large bottom film sprocket
17. Rotary flicker shutter spindle
20. Spring for top pressure bracket
21. Complete top pressure bracket
- 21a. Carrying and operating pin for grooved pressure roller
22. Grooved pressure roller for gate (upper) intermittent
23. Grooved pressure roller for gate (lower) intermittent
- 24a. Upper slideway for film gate
- 24b. Light duct for film gate
25. Complete bottom pressure bracket
26. Rack for masking device
- 26a. Masking spring

Order Nr.

27. Masking shaft complete with pin
32. Metal shield for automatic shutter
33. Take-up spindle for bott. spool arm
34. Driving ring for bottom spool arm
35. Bevel gear friction clutch (Male)
36. Female section for take-up friction clutch
37. Friction washer
38. Tension spring for take-up
39. Adjusting nut for tension spring
40. Distance collars for bottom spool take-up, 9 mill.
42. Short coupling spring for bottom spool drive
44. Upper short shaft for bottom spool drive
49. Spindle for carrying top spool
50. Tension spring for top spool arm
- 52a. Packing material for oil bath
54. Flicker shutter boss complete with screws
55. Shutter, 2 or 3 wings
56. Knurled head adjusting screw for gate spring
57. Tension springs for gate
58. Hinge pin with angle piece for gate front section

When ordering please state number of apparatus in addition to number of spare part, and also whether for standard or Jubilee model.

Department of Scientific
Instruments

STATE PRIZE

Hygiene Exhibition Dresden 1911
Highest Distinction

Order Nr.

- 59. Front gate casting
- 59a. Complete gate with guide rollers
consisting of all parts that make
the whole complete front section
of the gate
- 60. Rear section of gate grooved chan-
nel and mask
- 63. Bridges for gate skates
- 64. Skate runners
- 65. Gate catch complete with spring
plunger
- 66. Tension pressure rollers brackets
for intermittent sprockets
- 67. Cine jacket complete without lens
- 68. Cine jacket carrying ring fitted
with screw
- 68a. Cine jacket locking screw
- 70. Bronze bushings for main frame
- 71. Oil cup with spring cover
- 71a. Oil cup with soldered pipe for
flicker shutter shaft
- 75. Hinges for door
- 76. Latchpin for door lock
- 77. Latch
- 78. Bearing for masking knob and
driver handle
- 79. Spindle for masking device with
catch, spring and rivet
- 80. or Outer main driving shaft with catch
- 81. Coupling button with rod for
driver handle

Order Nr.

- 82. Step bearing for driving shaft
- 83. Long vertical shaft
- 84. Main drive
- 85. Top bearing for long spindle
- 86. Bottom bearing for long spindle
- 87. Bottom bearing for short vertical
shaft
- 88. Top bearing for short vertical shaft
- 89. Ball bearing, small, complete
- 90. Short vertical shaft
- 91. Motor drive shaft
- 92. Bearing for motor drive shaft
- 93. Long bevel gear (inside with nut)
- 94. Double ball bearing
- 95. Flicker shutter spindle
- 96. Fly wheel shaft
- 97. Starpin disk
- 98. Bearing for Maltese Cross spindle
- 99. Oil gange
- 100. Oil cup without pipe for Nr. 83
- 100b. Oil cup with pipe, 2 cm long,
for Nr. 91
- 100c. Oil cup with pipe, 11 cm long,
for Nr. 95
- 101. Cine lens carrying rod with
locking nut
- 102. Bevel gears
- 103. Connecting shaft for bottom spool
arm
- 104. Spring belt
- 107. Spool spindle clip

Spare Parts for Krupp-Ernemann "Rex" Projector

Order Nr.

- 1. Top sprocket feed spindle
- 2. Worm wheel for uppersprocketshaft
- 2a. Worm for Nr. 2
- 3. Top feed sprocket
- 10. Bevel gears for flicker shutter drive
- 12. Fly wheel
- 13. Driver handle
- 14. Main drive with bevel gear
- 14a. Bronze gear detached
- 15. Driving shaft
- 16. Large bottom film sprocket
- 17. Rotary flicker shutter spindle
- 18. Flicker shutter bracket
- 21. Complete top pressure bracket
- 21a. Spring for top pressure bracket
- 23. Grooved pressure roller for top
pressure bracket or gate
- 24. Guide roller for top of gate
- 28. Bevel pinion for top sprocket drive
- 29. Vertical driving shaft
- 31. Complete automatic shutter
- 32. Metal shield for automatic shutter
- 33. Take-up spindle for bottom spool
arm
- 34. Driving ring for bottom spool arm
- 47. Bolt for bottom spool arm com-
plete with guide roller and nut

Order Nr.

- 48. Bolt for top spool arm with nut
- 49. Spindle for carrying top spool
- 50. Tension spring for top spool arm
- 54. Flicker shutter boss complete with
screws
- 55. Shutter
- 56. Knurled head adjusting screw for
gate spring
- 57. Tension springs for gate
- 57a. Hinge rod for film gate
- 57b. Screw for Nr. 57a
- 59. Front gate casting
- 59a. Complete gate with guide rollers
consisting of all parts that make
the whole complete front section
of the gate
- 60. Rear section of gate grooved chan-
nel and mask
- 61. Cine lens carrying rod
- 63. Bridges for gate skates
- 64. Skate runners
- 65. Gate catch complete with spring
plunger
- 66. Roller bracket on oil bath
- 67. Cine jacket complete without lens
- 68. Cine jacket carrying ring fitted
with screw

Order Nr.

- 68a. Cine jacket locking screw
- 72. Spare set consisting of Maltese Cross with intermittent sprocket, complete
- 73. Fly wheel shaft
- 73a. Star pin disk
- 74. Rack for masking device

Order Nr.

- 75. Spindle compl. for masking device
- 76. Spring belt for take-up
- 77. Fire trap for spools
- 78. Bronze bushing for main frame
- 104. Driving spring belt
- 104a. Spring belt for take-up
- 107. Spool spindle clip

Spare Parts for Krupp-Ernemann "Monarch" Projector

Order Nr.

- 1. Top sprocket feed spindle
- 2. Gear for upper or lower sprocket feed spindle
- 3. Top large film sprocket
- 4. Maltese cross spindle
- 5. Maltese cross
- 6. Intermittent sprocket
- 9. Flywheel shaft with flywheel and pin disc
- 10. Bevel gears for flicker shutter drive
- 11. Striking pin
- 13. Driver handle
- 14. Main drive
- 15. Main driving shaft
- 16. Large bottom film sprocket
- 17. Rotary flicker shutter spindle
- 18. Flicker shutter bracket
- 21. Complete pressure bracket for top and bottom sprocket
- 23. Grooved pressure roller for top pressure bracket or gate
- 32. Metal shield for automatic shutter
- 33. Take-up spindle for bottom spool arm
- 47. Bolt for bottom spool arm complete with guide roller and nut
- 49. Spindle for carrying top spool

Order Nr.

- 54. Flicker shutter boss
- 55. Shutter
- 59. Front gate casting
- 59a. Complete gate with guide rollers consisting of all parts that make the whole complete front section of the gate
- 60. Rear section of gate grooved channel and mask
- 65. Gate catch
- 66. Tension pressure rollers brackets for intermittent sprockets
- 67. Cine jacket complete without lens
- 79. Spindle for masking device
- 80. Rack for masking device
- 81. Shaft with pinion f. masking device
- 82. Take-up pinion for take-up
- 83. Drag spring for lower arm
- 84. Spring belt for take-up
- 85. Locking screw for top arm
- 86. Flat tension spring for top spool arm
- 87. Bow spring for gate
- 88. Pressure frame for gate
- 104. Driving spring belt
- 104a. Spring belt for take-up
- 107. Spool spindle clip

When ordering please state number of apparatus in addition to number of spare part, and also whether for standard or Jubilee model.

KRUPP-ERNEMANN
KINOAPPARATE G.M.B.H.
DRESDEN-A
SCHANDAUERSTR. 48/58.

When ordering, please specify kind of projector in addition to stating number of spare part; for "Imperator" also whether for standard or Jubilee model and, if possible, number of apparatus.

WD
C 143/1180-
CF