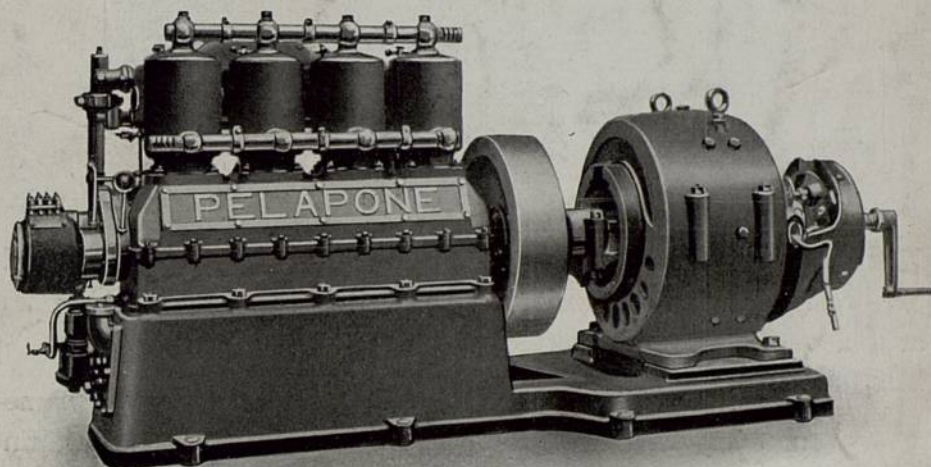


# Pelapone

**MULTI-CYLINDER PARAFFIN-ELECTRIC GENERATING SETS.**



FOUR-CYLINDER SET (FIXED TYPE).

**THE MODERN SYSTEM FOR  
Cinematograph Theatres**

**NEW PELAPONE ENGINE CO., LTD.,**

**CARR BRIDGE WORKS, DEWSBURY.**

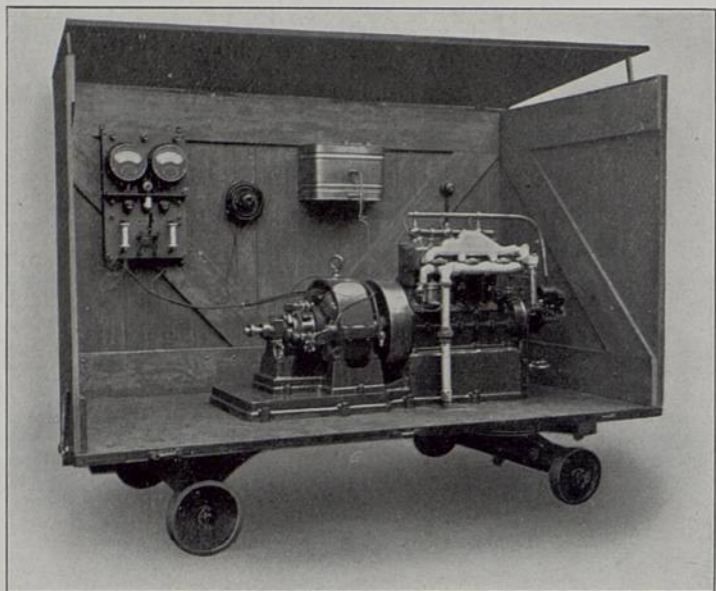
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THREE-CYLINDER SET (PORTABLE TYPE).

**P**ELAPONE Plants completely meet the demand for a simple and reliable means of generating electricity for Cinema Theatres at the lowest possible cost.

**T**HEY consist of a high-speed engine coupled direct to a dynamo generating current at 65 or 70 volts, and running on paraffin (ordinary lamp oil—obtainable anywhere).

**T**HE Engine is of simple design, quite automatic in action—starts easily and immediately from cold, and will run through the entire show without the slightest attention.

**H**EAVY concrete foundations are unnecessary; the engine is so perfectly balanced and runs so sweetly that two stout planks are quite sufficient; the multi-cylinder design ensures a steady vibrationless drive and an entire absence of "flicker" in the lights.

**T**HERE is no objectionable noise or smell; all working parts of the engine are totally enclosed and run in oil. The lubrication is entirely automatic.

**T**HE space occupied is very small—very little more than a motor generator, although the engine is equally reliable and far more efficient—it being well known that for every unit going into a motor generator only three-fourths of a unit is given out, the loss being due to the fall in efficiency of the combined plant, whereas every drop of paraffin consumed in the engine gives out its full portion of electrical energy.

**O**N referring to the table of running costs it will be observed that the Pelapone Paraffin Generating Plant compares very favourably with current from town's supply; when compared with oxy-hydrogen gas a saving of 50% is effected.

**F**OR Cinema Theatres in the country or isolated districts these plants are unquestionably the very best means of securing steady, brilliant pictures at the lowest cost by the most up-to-date method, and large numbers are now in daily use. They are made in numerous standard sizes up to 250 amperes.

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#### **RUNNING COSTS:**

**50 Amperes for 3d. per hour.**

**One unit of current for less than 1½d.**

**Or a two hours' show for 6d.**



**T**HE principal advantages secured by using Pelapone self-contained generating plants are:—

- Low initial outlay and low running costs.
- No transformer, resistance, or motor generator necessary.
- Perfectly steady light and pictures.
- Absolute reliability.
- Silent and automatic (no running attention necessary).
- Current always available.

Workmanship and materials are of the finest quality obtainable, and are fully guaranteed for twelve months.

**SIMPLE IN DESIGN.  
PERFECT IN CONSTRUCTION.  
CERTAIN IN OPERATION.**

Standard Sizes of Cinematograph Sets.

50 amperes	...	65 volts	...	6 h.p.	...	2 cylinders
80	..	65	..	9	..	2
80	..	65	..	9	..	3
110	..	65	..	12	..	4
120	..	65	..	13½	..	3
140	..	65	..	16	..	2

Sizes of Carbons to use.

40-60 amperes	...	16 mm. lower solid	...	22 mm. top, cored
60-100	..	18	..	25
100-150	..	20	..	28

Power required for Projector.

40-50 ft. throw	..	...	...	40-45 amps
50-60	..	...	...	50-60
60-70	..	...	...	60-70

10 metal filament lamps, 16 c.p., take about 4 amps at 65 volts.

**Prices and other particulars gladly supplied on request.**