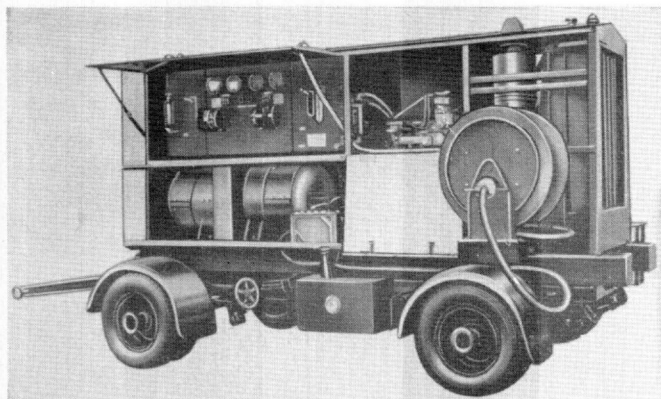


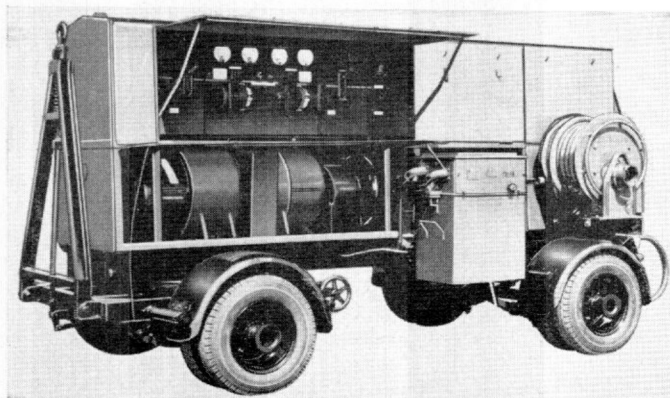
ELECTRICAL SERVICING AND STARTING TROLLEYS Mk. 3 and Mk. 4



Air Ministry Ref. No. ... 4F/2400 and 2401
Associated publications A.P.4343S, Vol. 1, Sect. 23, Chap. 10
A.P.2306M, Vol. 1 & 6
Output 12/50 kW. (28V. d.c. 430A. and 112V. d.c. 446A.)
Dimensions Length 12 ft. 4½ in. Width 7 ft. Height 6 ft. 9 in.
Weight ... 4 tons, 3 cwt. 1 qtr.

BRIEF DESCRIPTION

The Mk. 3 & 4 electrical servicing and starting trolleys provide electrical power at 28 and 112 volts for servicing electrical and radio equipment and starting the engines of aircraft. The generating systems are identical in each type of trolley except that the Mk. 3 has a Rolls Royce B.81, Mk. 5G gasoline engine to drive the generator whilst the Mk. 4 trolley has its generator driven by a 100 H.P., 415 volts, 3-phase, slip-ring induction motor. The trolleys each contain two generators in tandem using a common armature shaft, each generator having its output circuit terminating in a N.A.T.O. socket and embodying voltage sensing and safety interlock cables. The generating sets and their control panels are mounted on a eight-wheeled chassis and enclosed by a canopy which affords protection from inclement weather.



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