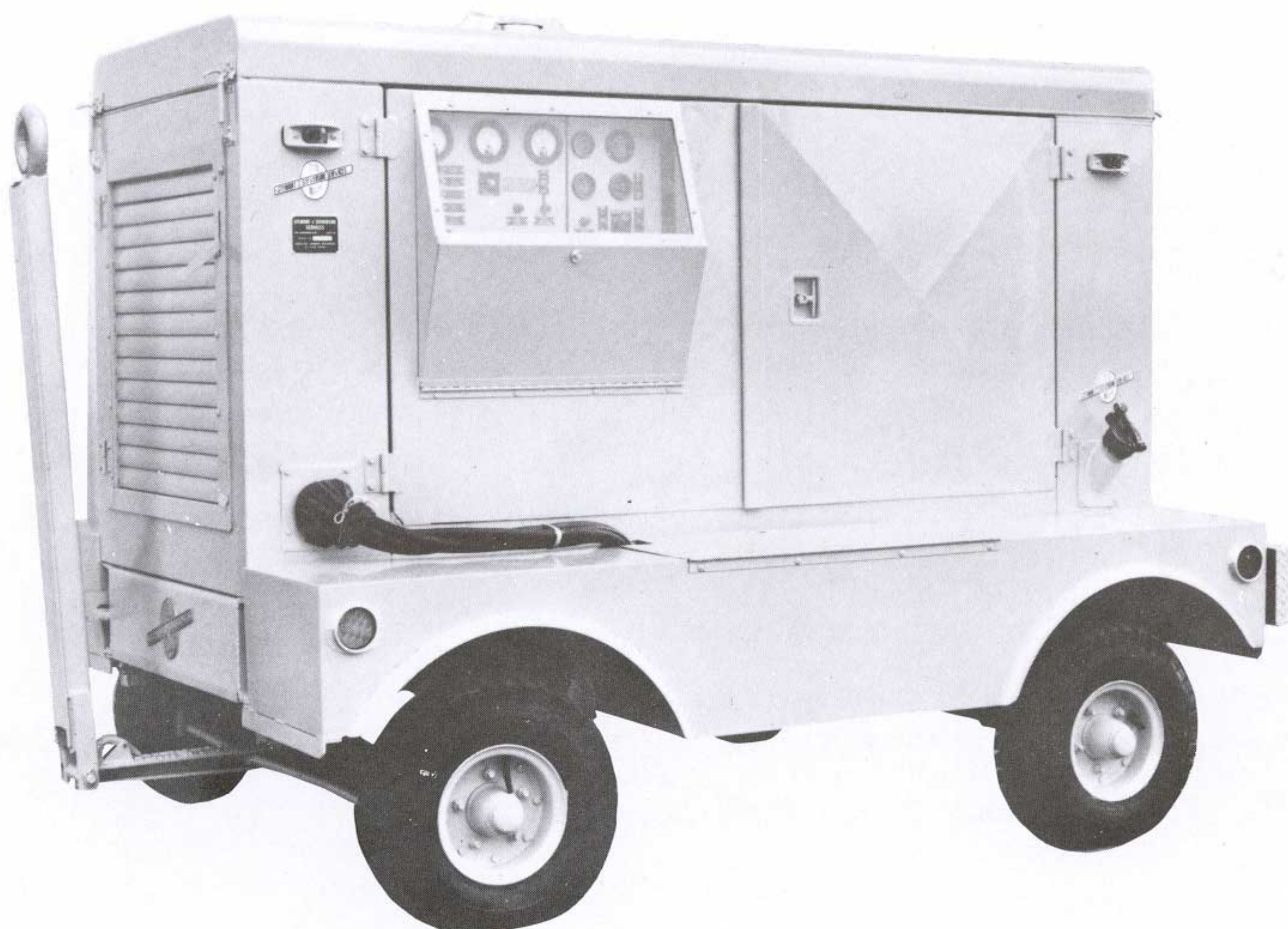


DIESEL ELECTRIC 400 CYCLE GROUND POWER UNIT

BY

STEWART & STEVENSON SERVICES

TRAILER MOUNTED
MODEL TM-4750



LENGTH 102"
WIDTH 69"
HEIGHT 69"

APPROXIMATE WT. 3800 LBS.

SPECIFICATIONS

GENERATOR

Type	Brushless
K.V.A.	75
Volts	115/200
Phase	3
Frequency	400 hertz
RPM	1846
Exciter	Brushless
Overload	25% over rated output
Frame	Heavy Duty

ENGINE

Make	G.M. Diesel
Type	2 Cycle
Number Cylinders	3
Bore	4¼"
Stroke	5"
Governor	Hydraulic
Starting Motor	12 Volt Delco
Generator	12 Volt Delco
Regulator	12 Volt Delco

The generator is direct connected to the engine. The generator is designed and manufactured for Stewart & Stevenson for the air craft ground support industry and conforms with applicable NEMA standards.

ELECTRICAL CHARACTERISTICS

Voltage Regulation	Plus or minus 1% no-load to full load
Recovery Time	Plus or minus 1% within 200 milliseconds
Frequency Regulation	2½% (10 cycles) no load to full load SG ¼% (1 cycle) no load to full load PSG
Transient	plus or minus 3% no load to full load
Voltage Modulation.....	0.5%
Phase Balance	not exceeding 1% at balanced level
Line Droop	5% minimum compensation capacity
Overload Capacity	125% rated load for 5 minutes

STANDARD EQUIPMENT*

Engine	Thermostat
Radiator & Fan	Hydraulic governor
Fuel Pump	Exhaust manifold & muffler
Fuel filters - primary & secondary	AC Generator (3 phase)
Lube Oil Pump	All engine and Generator
Lube Oil Cooler	Controls & Indicators
Lube Oil Filters	Starting motor and Alternator
Jacket Water Pump	Fuel Tank

*Optional and special equipment available on request.

Specifications subject to change without notice.

GUARANTEE OF DUTY

"This Unit is capable of being operated on the Purchaser's load; developing the needed, steady, and reliable power suitable for the successful operation of Purchaser's machinery, up to the full rating of the Unit. Should the Unit fail to operate as specified, and after reasonable time, we cannot make it perform as specified, we are agreeable to removing it at our expense and refunding any money paid."



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