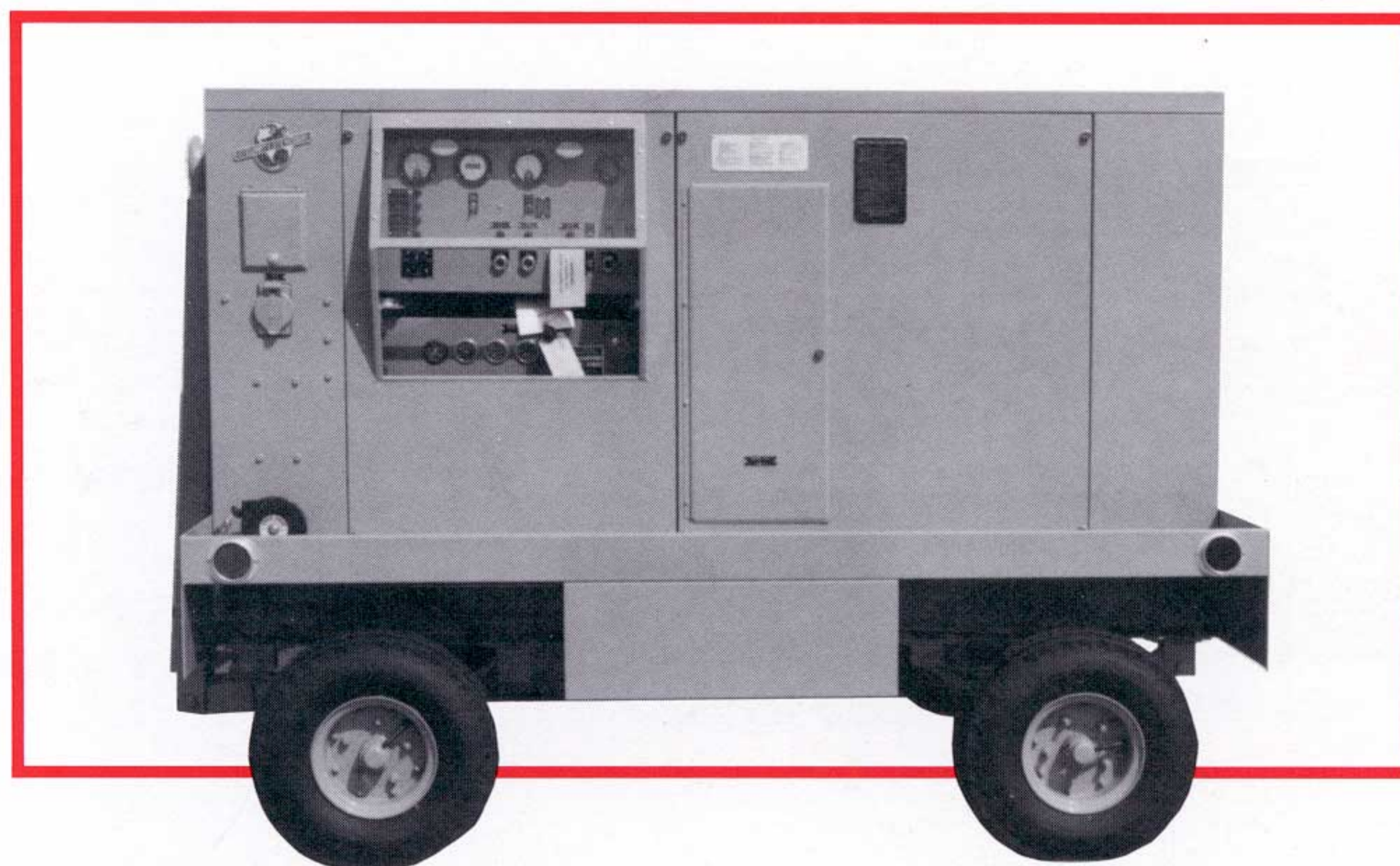


# AIRCRAFT GROUND POWER UNITS

TRAILER MOUNTED MODELS TM-4900/TM 4900-JD



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Stewart & Stevenson electrical ground power units are available in either trailer, truck or tow-tractor mounted models, ranging from 37½ KVA to 200 KVA. Also available are Air Start units ranging from 120 PPM to 400 PPM and Tow Tractors in both Diesel and electric driven configurations, ranging from 16,000 to 100,000 lbs. GVW. Stewart & Stevenson backs its equipment with complete Parts and Service Responsibility around the clock, anywhere in the world.

## Specifications

### GENERATOR

Type .....	Brushless
K.V.A. ....	90
Volts .....	115/220
Phase .....	3
Frequency .....	400 hertz
RPM .....	1846
Exciter .....	Brushless
Overload .....	25% over rated output
Frame .....	Heavy Duty

### ENGINE

	Model TM-4900	Model TM-4900-JD
Make .....	G.M. Diesel	John Deere
Type .....	2 Cycle	4 Cycle
Number Cylinders .....	4	6
Bore .....	4¼"	4.9"
Stroke .....	5"	4.33"
Governor .....	Hydraulic	Electro Mechanical
Starting Motor .....	12 Volt Delco	12 Volt
Generator .....	12 Volt Delco	12 Volt
Regulator .....	12 Volt Delco	12 Volt
Length .....	102"	137"
Width .....	66"	69"
Height .....	67"	59"
Weight .....	Approx. 5,000 Lbs.	Approx. 5,000 Lbs.

## Electrical Characteristics

	Model TM-4900	Model TM-4900/TM 4900-JD
Voltage Regulation .....	Plus or minus 1% no-load to full load	Plus or minus 1% no-load to full load
Voltage Transient .....	Plus or minus 20%	Plus or minus 20%
Frequency Regulation ...	2½% (10 cycles) no load to full load SG ¼% (1 cycle) no load to full load PGS	Plus or minus 16 no load to full load
Frequency Transient .....	Plus or minus 3% no load to full load	
Voltage Modulation .....	0.5%	0.5%
Phase Balance .....	Not exceeding 1% at balanced level	Not exceeding 1% at balanced level
Line Drop .....	5% minimum compensation capacity	5% minimum compensation capacity

## Standard Equipment\*

Engine	Thermostat
Radiator & Fan	Hydraulic governor
Fuel Pump	Electric Governor on TM 4900-JD
Fuel Filters — primary & secondary	Exhaust manifold & muffler
Lube Oil Pump	AC Generator (3 phase)
Lube Oil Cooler	All Engine and Generator 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.