



Stewart & Stevenson Services, Inc. manufactures a wide range of aircraft ground support equipment including trailer mounted, truck mounted, or self-propelled Diesel powered air start systems.

The unit pictured is the standard trailer mounted unit designed for 120 ppm to 135 ppm duty with an eight (8) hour full load running time.

Stewart & Stevenson also manufactures aircraft tug/tow vehicles, and 400 cycle ground power systems.



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# Specifications

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## ENGINE:

Manufacturer	Detroit Diesel
Type	Full Diesel, Series V-71
Number of Cylinders	Eight (8)
Bore	4-1/4 Inches
Stroke	5 Inches
Displacement (Effective)	1136 Cubic Inches
Speed (Rated)	1900 RPM
Compression Ratio	19 to 1
Firing Order	1L-3R-3L-4R-4L-2R-2L-1R
Number of Main Bearings	Five (5)
Governor	Woodward (Hydraulic)
Electrical System	24 Volt

## SAFETY SHUTDOWNS

Engine Overspeed	2500 RPM
Engine High Water Temperature	212 Degrees F
Engine Low Oil Pressure	10 PSI
Compressor Air Discharge Over Temp	460 Degrees F

## AIR COMPRESSOR:

Manufacturer	Atlas-Copco
Model	ZA-4
Output at 60 Degrees F: 14.7 PSIA	
Lbs. of Air/Minute PSIG	135 40 Max.