

AIRCRAFT AIR START UNITS

MODELS TM/TRAC-150/170/200



The 150; 170; and 200 PPM Air Start Units are three of six series of AIRCRAFT AIR START UNITS Stewart & Stevenson has developed for the Aircraft Ground Support Industry. Stewart & Stevenson offers Air Start Units from 120 PPM to 400 PPM in both, trailer and truck mounted models. Also available are Electrical Ground Power units ranging from 37½ to 200 KVA 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

	MODELS		
	TM/TRAC-150	TM/TRAC-170	TM-TRAC-200
ENGINE:			
Manufacturer	Detroit Diesel		
Type	Two Cycle-Diesel		
Model	8V-71	8V-92	8V-92 T
Number of Cylinders	8	8	8
Bore – In. (mm)	4.25 (108)	4.84 (123)	4.84 (123)
Stroke – In. (mm)	5.0 (127)	5.0 (127)	5.0 (127)
Displacement (Eff.) Cu. In. (Lit)	1136 (18.6)	1472 (24.1)	1472 (24.1)
Speed (Rated) – RPM	2300	2300	2300
Compression Ratio	18.7:1	19:1	17:1
Governor	Woodward (Hydraulic)		
Electrical System	24 Volt – DC		
SAFETY SHUTDOWNS:			
Engine Overspeed	2500 RPM		
Engine High Water Temperature	205 Degrees F.		
Engine Low Oil Pressure	10 PSI		
Compressor High Air Temperature	476/485 Degrees F.		
Compressor High Oil Temperature	185 Degrees F.		
AIR COMPRESSOR:			
Manufacturer	Atlas Copco		
Model	ZA-4	ZA4 + 2	ZA4 + 3
Output at 60 Degrees F; 14.7 PSIA Lbs. of Air/Minute	150	170	200
PSIG	42		
Discharge Air Temperature	319 Degrees F. (Approx.)		
CONTROLS:			
Unit features a Stewart & Stevenson Automatic “Demand Air” System.			

GENERAL INFORMATION – DIMENSIONS & WEIGHTS

MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT
TMAC-150	*129/160 in.	83 in.	96 in.	7,500 Lbs.
TRAC-150	252 in.	84 in.	120 in.	15,000 Lbs.
TMAC-170	*129/160 in.	81 in.	96 in.	8,500 Lbs.
TRAC-170	252 in.	84 in.	120 in.	15,500 Lbs.
TMAC-200	*129/160 in.	83 in.	96 in.	8,500 Lbs.
TRAC-200	252 in.	84 in.	120 in.	15,500 Lbs.

*129" = OAL with Ackerman Steering Type Trailer
 160" = OAL with 5th Wheel Type Trailer.