avro GSE
Best on Ground

Ground Power Unit Diesel Series

GP90D GP140D GP180D



Features & Benefits

- Delivers stable permanent and peak current with protection against voltage and frequency transients.
- Equipped with a Deutz engine, EU-made alternator and regulator, and a long-lasting steel chassis.
- Compact design with a simple control panel, front axle steering, and full access to components without bending.
- Optimized alternator enables efficient 1500 RPM operation, reducing fuel use and wear
- Powers various aircraft with 400Hz and optional 28V DC outputs.
- Meets EN, ISO, SAE, CE, and IATA standards.

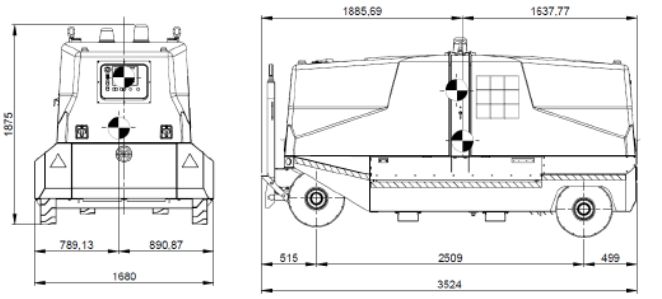
WHY AVRO

- 2-year standard warranty
- Customized business relationship
- AAA maintenance program
- Stock locations in the United States and Canada

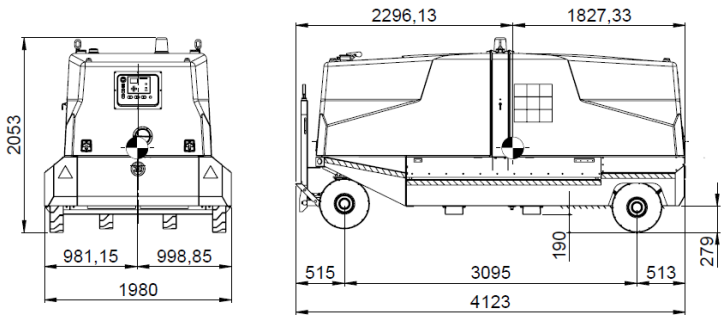
Diesel Engine 1500 RPM
Diesel Series

GP90D GP140D GP180D

		GP90D	GP140D	GP180D
Technical Data				
GPU Power		90KVA	140KVA	180KVA
Engine type		Deutz	Deutz	Deutz
Cylinders		Deutz 4 cylinders	Deutz 6 cylinders	Deutz 6 cylinders
Emission Standard		Tier 2 | 4F	Tier 2 | 4F	Tier 2 | 4F
Engine kW/hp	kW/hp	118 | 115	200 | 179	200 | 179
Weight	kg	2,800 | 2,875	3,300 | 3,350	3,350 | 3,400
Dimensions of output cables		Length 10 meters, 4 x 70mm2	Length 10 meters, 4 x 70mm2	Length 10 meters, 4 x 70mm2
Outputs optional available		28V DC and 56V	28V DC and 56V	28V DC and 56V
Battery System		24V (2 x 12 V 125 Ah)	24V (2 x 12 V 125 Ah)	24V (2 x 12 V 125 Ah)
Fuel Tank		315 L (83 gal) (8 to 24 hours operations)	315 L (83 gal) (8 to 24 hours operations)	315 L (83 gal) (8 to 24 hours operations)
Electrical				
Permanent power at cos = 0.8 KVA		90	140	180
Overload 25% - 5 min		Yes	Yes	Yes
Overload 10% - 10 min		Yes	Yes	Yes
Outputs 400Hz 115/200V		1	2	2
Transient Performance MIL-STD-704F/EN2282		Yes	Yes	Yes
Dimensions				
Length (L) - towbar up		3,524 mm		4,123 mm
Width (W)		1,680 mm		1,980 mm
Height (H)		1,875 mm		2,053 mm



GP90D & GP140D



GP180D