

# Aviphilic Aero

Robust GSE for the next millennium



## Air Starter Unit A300

Safety, reliability, durability, and maintainability are core concern of our product. Multiple protection systems against aircraft, engine and compressor minimize the potential damage, thus ensuring safe and reliable operation.

Standard features such as large access doors, remote lube oil drains, and maintenance-free batteries ensure ease of service. The unit consists of a diesel engine with proper horsepower rating, and air cooled, oil free rotary screw compressor and air regulating system, sound attenuation, and easy to operate control panel.



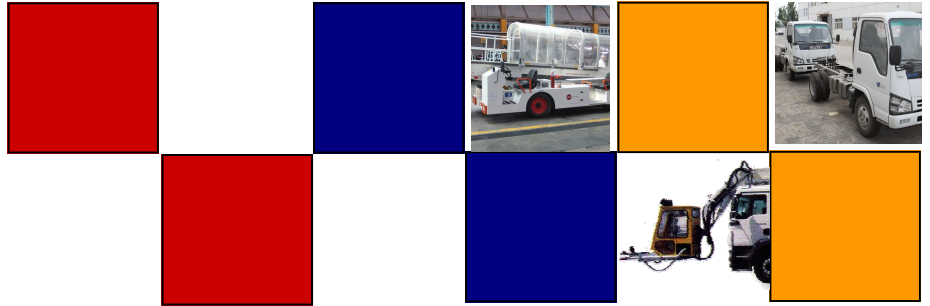
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## A 300 Specification

**Temperature:** - 20° C to +50° C  
**Relative humidity:** ≤ 95% (25° C)

**Volume flow:** 300 ppm @ 42 PSI

**Engine:** DEUTZ, TCD2015V08 500 kW/ 2100 rpm

**Compressor:** GHH-RAND CDS26, air cooling, oil free, double screw rotary

**Output (20°C, RH ≤ 80%, sea level):** 180 kg/min

**Discharge temperature:** ≤ 210°C

**Discharge air regulating valve:** 289 kpag

**Discharge air safety valve:** 345 kpag

**Electrical:** 24 Volt DC

**Automatic Control System:** Demand air throttle control  
 Dual-pressure regulation

Engine protection warning lamps and unit shutdown for high coolant temperature, low engine oil pressure

Compressor warning lamps and unit shutdown for high compressor oil temperature, low compressor oil pressure and high output air temperature

2 pcs imported 10 meter length, inner diameter 3.5" pneumatic hose with ISO2026 coupling

**Options:** Trailer-mounted or truck-mounted