



Large Aircraft Airstart

LGSE-400

The LGSE-300/400 provides airstart capability for widebody aircraft, including the GE-90 powered Boeing 777 aircraft.

300 ppm / 400 ppm flow, through 2 or 3 hoses, respectively, @ 60 psia under ISO conditions.

Service doors on both sides provide easy access to the turbine and all accessories.

Super sound attenuation contains noise to a comfortable 85 dBa.

Operator panels both side provides automatic control and monitoring of all operating parameters.



Honeywell



Large Aircraft Airstart

LGSE-400

Standard Features

- Super Sound Attenuated aluminium enclosure
- Control Panels for the operator integrated at both sides of the rear housing, clearly marked and described
- Large service doors on both sides (2000 mm x 1500 mm) with locking and holding devices
- Air inlet silencer duct for air inlet of turbine and compressor, as well as exhaust gas mufflers
- Integrated low pressure and high pressure filtered fuel supply system with approximately 800 liter tank
- Mounting frame for an easy exchange from/to Chassis
- Power module J400T featuring a zero timed modified gas turbine consisting a gas generator and free wheeling power section with an integrated centrifugal compressor
- Safety features to protect the unit from high temperatures, low oil pressure, high oil temperature, over-speed, or overload
- Control and monitoring board with memory of operational parameters and emergency shut-down

Standard Accessories

- Mounted on a DaimlerChrysler 812D Vario, lh - drive
- Spare wheel 205/75 and fire extinguisher
- Three 50 ft. air delivery hose assembly with coupling
- Individual hose and aircraft coupling stowage at the rear, each hose avoids air supply when not removed for connection to the aircraft
- Automatic battery charging system by the starter generator, as well as external battery charging system
- Two sets of maintenance instructions and spare parts lists (*in English*)
- Two sets of standard DaimlerChrysler manuals

Operating Conditions

- Sea level up to 14 000 ft
- Temperature range: from minus 40°F to 130°F (-40°C to 58°C)
- Humidity ranging from 20% to 100 %

Dimensions

	Housing	DB Chassis (overall)
Length	3100 mm	6430 mm
Width	2300 mm	2350 mm
Height	2100 mm	2900 mm
Weight	4000 kg	7490 kg GVW

Pneumatic Power

(Rated Under ISO Conditions)

Flow:	Approx. 400 lbs/min	3 Hoses
	Approx. 155-200 lbs/min	1 Hose
	Approx. 300 lbs/min	2 Hoses
Pressure:	Approx. 57 PSIA rated	
Temperature:	Approx. 400 Degree F	

Honeywell