



Our approach

- Requirements defined
- Feasibility study
- Functional specification
- Solutions proposal
- Products design and manufacture
- Assembly
- Assistance for trial run
- Commissioning

Skills

- Project management
- Environmental integration
- Value analysis
- Technical assistance
- Logistics management
- More than 40 years of experience
- Performance guarantee

Containers

Sound-proofed containers designed to suit the energy market for gensets, compressors, cogeneration modules..

Our supply includes :

- Acoustics treatment
- Doors and access
- Air inlet and air exhaust silencers
- Exhaust gas silencers pipework
- Turn-key solutions
- Installation of gensets including all connections (fuel,water...)
- Plug and Play :
 - genset installation
 - power cabling
 - delivery to site and trial run
- Lighting
- Short lead time

IAC will support you during all the management of the project.



Containers

PERFORMANCES

- 15 to 50 dB(A) noise reduction
- Standard ISO container 20', 30', 40' or "High Cube"
- Acoustic insulation according to requested noise reduction :
 - acoustic treatment of walls, ceiling and floor



GENSET VENTILATION

Air inlet and air exhaust silencers from 15 to 50dB(A) :

- Acoustic performance from 15 to 50 dB(A)
- Louvres, chicane or parallel baffles silencers
- Protection using water-proof and bird screen grids
- Piping on engine cooler
- Ventilation : on side, end or above container

ACCESS AND CONNECTIONS

- Single leaf or double-leaf doors equipped with panic-bar (with or without window)
- Wall crossing using threaded tube for fuel connection
- Wall reservations for power connections
- Roof openings for engine exhaust passage
- Exhaust pipework

ENGINE GAS EXHAUST

Piping :

- Casing /connecting pipework from the outlet engine flange to the external discharge
- Flexible connections
- Thermal insulation

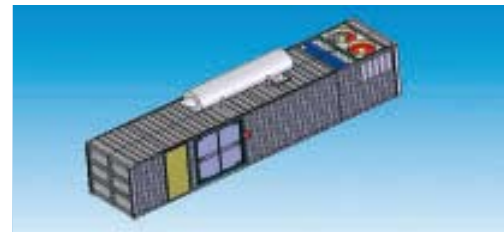
Silencer :

- Cylindrical or rectangular
- Inside or outside the container
- Inlet / outlet : axial / radial position

Catalyst

DIMENSIONAL TOOL

- Software for acoustic, mechanic and aerodynamical calculations
- Computerised drawings in 3D



CONTAINER EQUIPMENT

- Installation of the genset in the container
- Delivery on site of the turn-key container
- Supply and installation of the tank and retention compartment
- Fuel connection between day tank and generator
- Fuel security valve



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