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CISW-4 BODY TECHNICAL SHEET

Manufacturer

SOUTHEAST SOUNDPROOF BODYWORKS, SL

General Description

CARROCERÍAS ISONORIZADAS SURESTE, SL designs and manufactures soundproof bodies for generator sets, as well as transforms and soundproofs maritime containers with valid documentation, developed in accordance with the most demanding international standards.

Our engineering department works continuously on the research, development and improvement of sound insulation and environmental protection systems, guaranteeing robust, efficient solutions adapted to the most severe working conditions.

Technical Specifications

Structure and Construction

- Structure made of high-strength steel sheet.
- Finished using electrostatic powder coating for high durability.
- Enhanced protection against corrosion and oxidation.
- Excellent resistance to weathering and environmental conditions adverse.

Soundproofing

- High level of acoustic attenuation for quiet operation.
- Exhaust muffler installed inside the cabin to optimize the noise reduction.
- Design developed under the highest acoustic quality standards.

Parliamentary Group and Autonomy

- Bench with integrated support legs.
- Built-in fuel tank with a minimum autonomy of 8 hours at full load.

Transport and Handling

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- Integrated lifting system for easy transport and handling.
- Bench support legs for stable and secure installation.

Ventilation and Cooling

- Fresh air inlets designed to ensure adequate ventilation of the generator set.
- Top or side hot air outlet for efficient evacuation of cooling air and exhaust gases.
- Rain protection flap at the muffler outlet.

Safety and Maintenance

- Emergency stop accessible from the outside.
- Access to the filler cap and radiator via security keys.
- Design focused on facilitating inspection and maintenance operations.

Electrical Installation

- Specific area for cable entry.
- Integrated electrical cabinet for the protection and management of connections.

Advantages of the System

Maximum protection of the generator set against external agents and extreme environmental conditions.

Significant reduction of noise levels thanks to the systems advanced soundproofing.

Greater durability and lifespan due to the anti-corrosion protection and the quality of the materials used.

Easy to transport, install and maintain thanks to its functional and integrated design.

Customizable solutions tailored to the specific needs of each project.

Applications

- Emergency generator sets.

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- Power generation plants.
- Industrial facilities.
- Civil works and construction.
- Mining and extractive sectors.
- Data centers and telecommunications.
- Critical infrastructure.
- Energy and energy rental projects.

