

International Experience & MADE in ITALY Production



**GX SERIES**



**RENTAL POWER RANGE**  
**GROUPES ÉLECTROGÈNES POUR LOCATION**



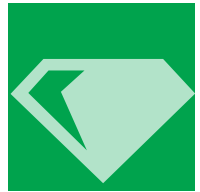
ROBUST AND COMPACT GENERATING SETS,  
IDEAL FOR RENTAL APPLICATIONS,  
PROFESSIONAL USE ON BUILDING  
OR ROAD CONSTRUCTION,  
MINING SITES AND FOR USING  
UNDER HEAVY WORKING CONDITIONS.

# GX SERIES





# GX SERIES RENTAL POWER RANGE



**GX SERIES** is a range of supersilenced, 1500 rpm, diesel water cooled generating sets, rating from 9 to 650 kVA. Specifically built for the professional use also under heavy working conditions, they are equipped with CUMMINS, PERKINS, SCANIA, JOHN DEERE, VOLVO PENTA, LOMBARDINI, IVECO, MITSUBISHI engines and alternators of worldwide reputation.

A very special attention is brought to their CANOPIES, very compact and with remarkable technical solutions specific for the needs of the rental sector.



## POWERED BY

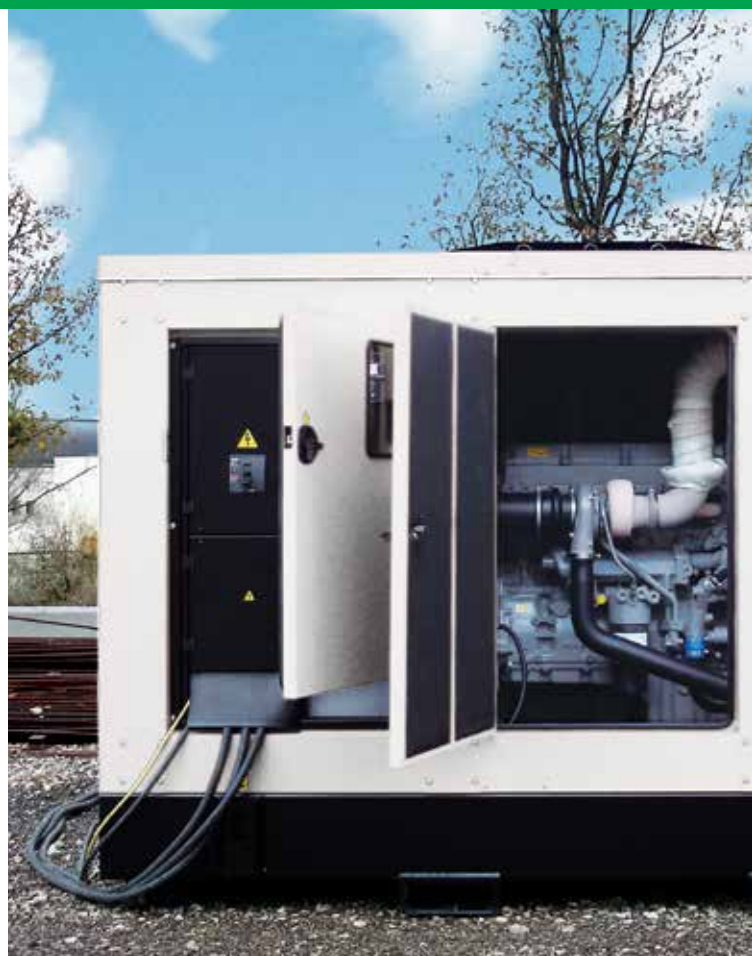
			
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# GX SOUNDPROOF CANOPY

The **BRUNO** GX SUPER SILENT CANOPY has been designed to achieve maximum noise level reduction as well as a perfect cooling of the engine. The exhaust gas silencer is of residential type and mounted internally. It is made of hot galvanized carbon sheet steel pre-treated before being powder coated and is suitable also for use in tropical environments – its strong structure is fully bolted, fixed by special polyethylene seals and all the panels can be easily and individually removed.

The GX GENSETS up to 300kVA are also equipped with a removable tank embedded inside a bunded fuel tank.



▲ Powder coating



▲ High servicing level for radiator cleaning

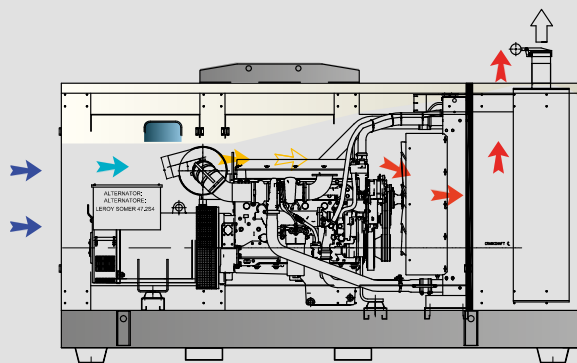
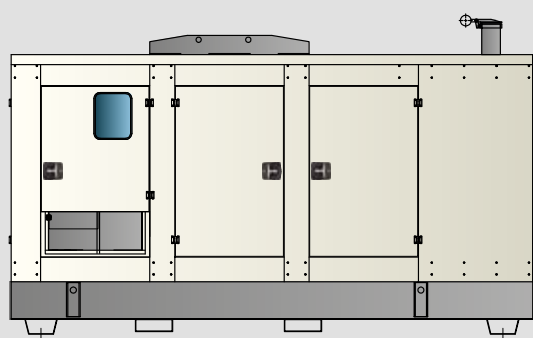


▲ Easy access for maintenance operation



▲ Internal residential silencer for lower sound level

## AIR COOLING SYSTEM



▲ Cooling air flow



Hot galvanized standard canopy



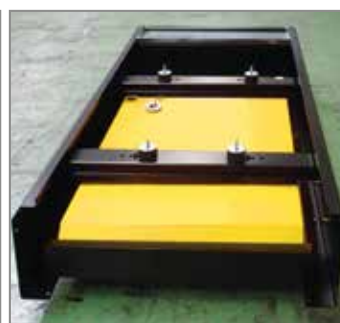
Stainless steel canopy (option)



Air inlet designed to prevent water infiltrations



Easy access to the power terminal board

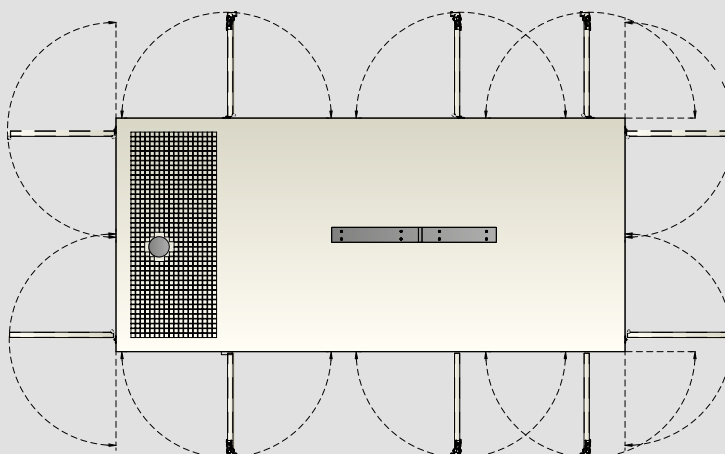


Fully banded fuel tank



Own production fuel tanks available on request in different sizes

Ample access doors on all four sides





# HEAVY DUTY DESIGN FOR HEAVY DUTY APPLICATIONS

The generating sets of the **GX SERIES** are designed and built according to high quality standards to better meet requirements of reliability, resistance and robustness, ideal for continuous heavy duty applications.



## HEAVY DUTY BASE FRAME

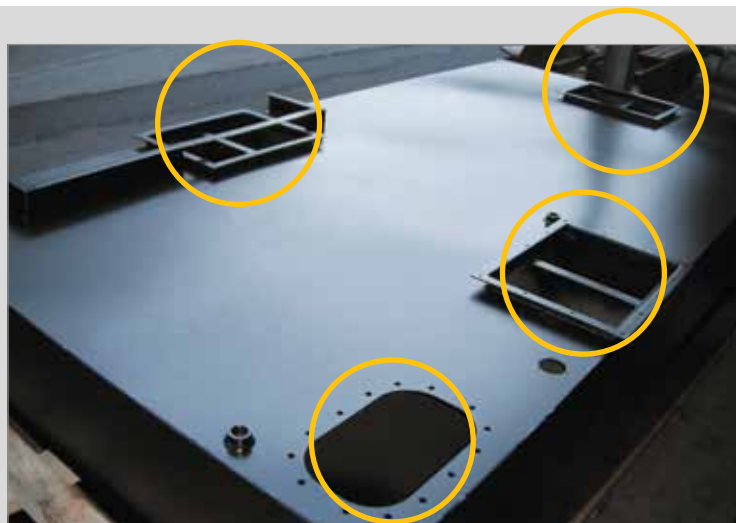


ON REQUEST, THE **GX SERIES** CAN BE SUPPLIED WITH A SPECIAL HEAVY DUTY BASE FRAME, VERY SOLID AND WITH DRAG POINTS FOR SAFE AND EASY HANDLING ESPECIALLY ON CONSTRUCTION SITES.

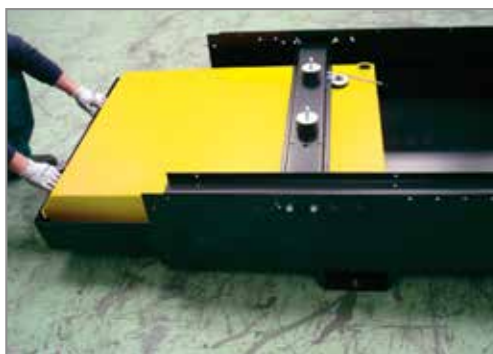
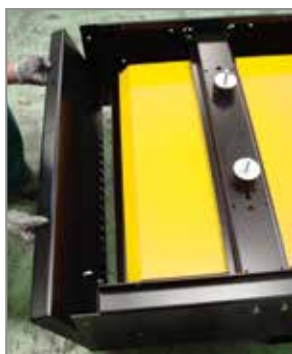




Automatic fuel refilling kit consisting of electric pump, manual pump, 4-level switch, electronic controller



▲ Internal baffles for fuel sloshing control



The models up to 300 kVA are equipped with A FULLY EXTRACTIBLE FUEL TANK. Access points for easy inspection and fuel tank cleaning, with internal baffles to prevent excessive fuel sloshing, are available on request.

The fuel tanks are tested in a watertight container to check possible fuel leakage.



▲ High quality vibration dampers



▲ Fuel leakage detection test



▲ Bund base alarm



# EASY HANDLING

The **GX SERIES** generating sets are designed to allow **EASY HANDLING**. They can be easily moved with a forklift or a crane through their central lifting eye. Their baseframe is also equipped with drag points and bumpers.



▲ Drag points on baseframe



▲ Drag points on baseframe



◀ Baseframe protection





▲ Central lifting eye





# MECHANICAL OPTIONS



▲ Water separator filter



▲ Water separator filter Racor type



▲ Diesel-powered heater



▲ Engine water heater

A number of technical options are available on request to customize the gensets according to the needs of the end users.

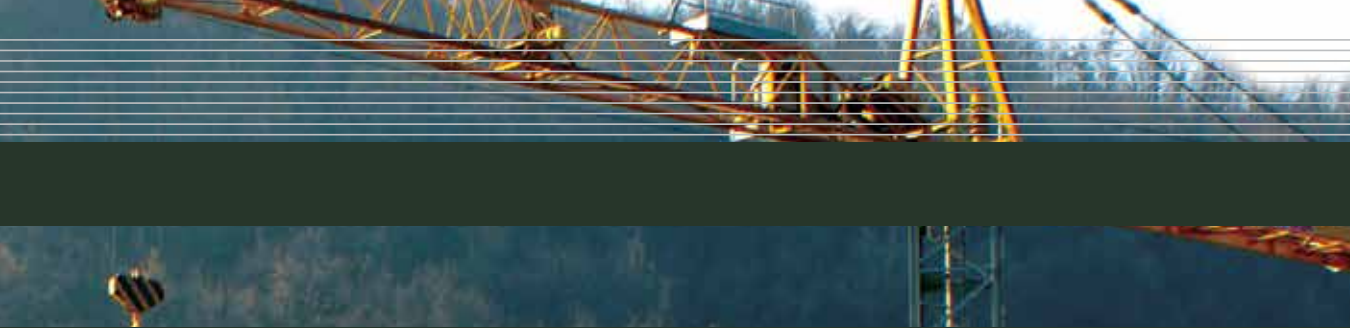


▲ Diverter valve kit for external fuel tank



▲ Automatic fuel refilling kit (more details on page 7)





▲ Glow plugs



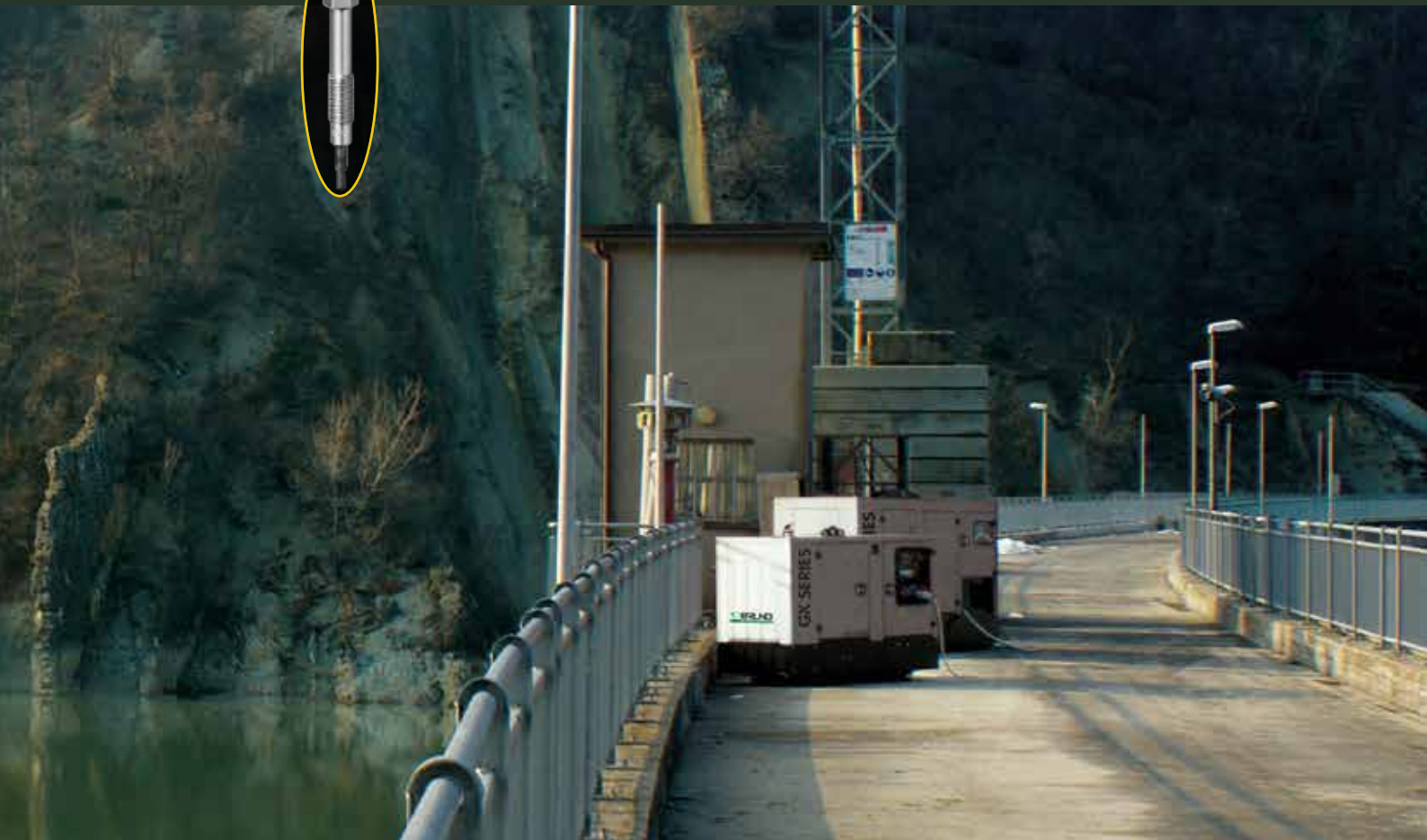
▲ Oil extraction pump



▲ Oil extraction pump



▲ Electronic speed regulator



▲ Bund base alarm



▲ Analogue fuel level indicator



▲ Single-axle road trailer



▲ Biaxial road trailer



# ELECTRICAL OPTIONS



▲ Free maintenance battery



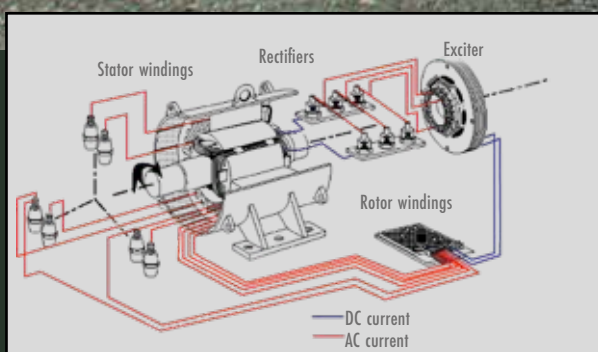
▲ Battery isolator switch



▲ Battery charger 220-240V



▲ Voltage potentiometer



▲ Excitation device allowing 300% current for 10s



▲ Alternator butadiene protective treatment

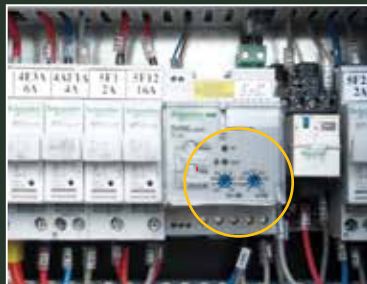


▲ Alternator anti-condensation heater





▲ Internal lighting system



▲ Adjustable ELCB



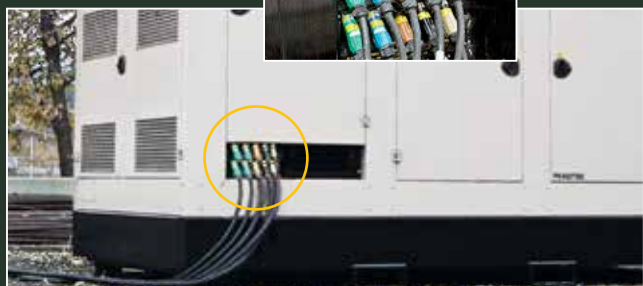
▲ ELCB ON/OFF key switch



Easy access to the genset's controller



Distribution board with sockets kit and power busbar



▲ Power locks



▲ Non UE sockets



▲ Non UE sockets

# SYNCHRONIZING CONTROL PANELS



## Q7510S



### LOAD SHARING CONTROL PANELS

The control panels **Q7510S** allow the SYNCHRONISATION OF UP TO 16 GENERATING SETS WITH LOAD SHARING





▲ Motorized circuit breaker for synchronization of generating sets



▲ Synchronizing connectors

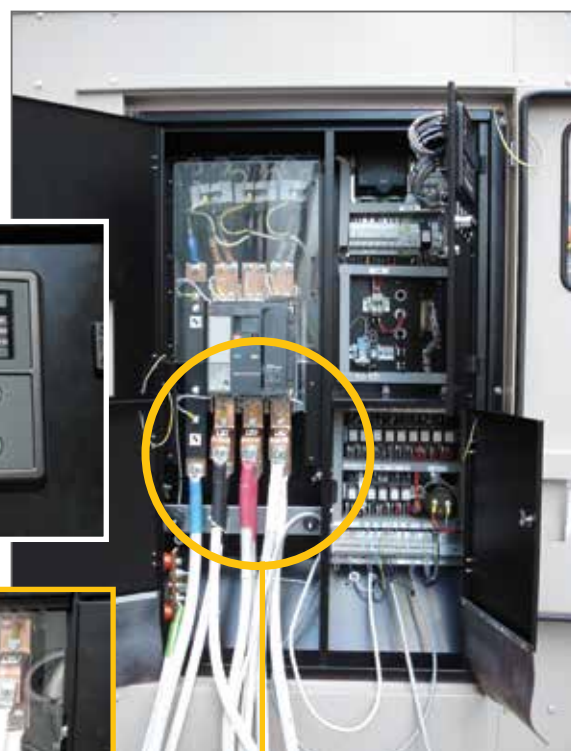


## SYNCHRONISING CONTROL PANEL BETWEEN 1 GENERATING SET AND THE MAINS

The control panel Q7520S allows the synchronisation between 1 generating set and mains with peak shaving/looping, mains import/export control and soft load ramping to and from the mains supply.

### CONTROLS

Stop/Reset - Auto - Test - Manual - Start  
- Lamp test/Mute - LCD Display Scroll  
- Circuit breaker control.



◀ Power terminal board for synchronization with the mains

# SAFETY



◀ Lockable access doors



◀ Door opening alarm



◀ Grounding rod



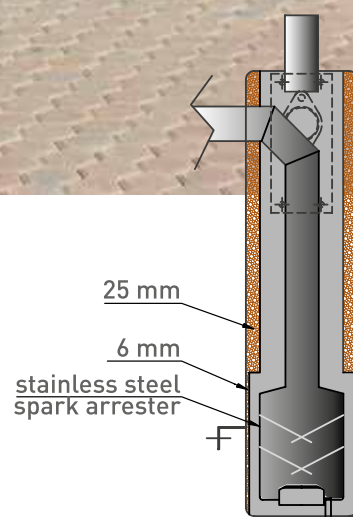
**BRUNO** is particularly sensitive about safety and the implementation of production processes which will ensure maximum functionality and reliability. A wide range of optional equipment is available to meet the different needs of our customers and to increase their level of security.



▲ IP65 control module protection



▲ Power terminal board protection switch



▲ Spark arrester





Emergency stop button placed on the outside of the control panel



▲ Power terminal board protection

## AIR INTAKE SHUTOFF VALVE CHALWIN TYPE

Diesel engines are a potential source of ignition when used in areas where combustible gas, vapours or dusts may exist.

The resulting conflagration can lead to catastrophic consequences for personnel, production and the environment.

The CHALWYN AIR INTAKE SHUT DOWN VALVE is a device designed to automatically and safely stop a diesel engine should it start to overspeed due to a combustible mixture being drawn into the engine intake.

### ELECTRICAL CHALWIN VALVE



The air intake shutoff valve provides emergency shutdown of a diesel engine.

- Temperatures from -40 to 300 °F (-40 to 150 °C)
- Major components manufactured of aluminium, brass and stainless steel
- Corrosion resistant body components
- Zinc body versions for Group 1 or mining

### MECHANICAL CHALWIN VALVE



Mechanical Chalwin valve - available as option for the small ratings



# ENVIRONMENTAL CARE

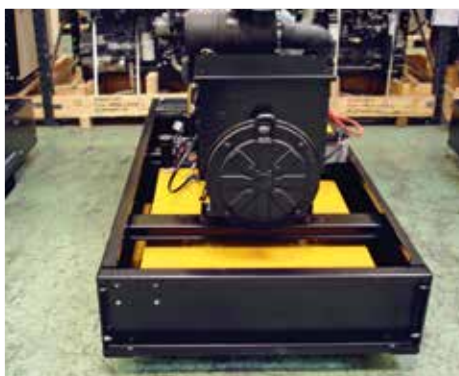
From design to manufacture, the whole production cycle is characterized by a profound respect for the environment.

**BRUNO's** commitment for sustainable development is represented by the choice to use engines which are compliant with the emission regulations in force in the European Union and in the USA. To avoid soil contamination, the fuel tanks are equipped with a bunded system to collect engine liquids and battery acids.



The innovative painting system makes use of environmental friendly technologies that can recover and reintroduce into the painting system the unused powder particles, meaning a lower environmental impact and optimization of the resources.





▲ Bunded base system for engine liquids, fuel leaks and acids



▲ Catalytic anti-particle filter for lower exhaust emissions



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