

Technical Data

Model : C900D5 Enc

Frequency : 50 Hz

Data

Generator	Cummins C900D5 Enclosed
Engine	Cummins : QSK23-G3
Alternator	Stamford : HCI634H PMG
Radiator	40 °C or 50 °C
Control	PCC 3.3
Governor	Electronic GCS
Rating	1500rpm
	820kVA Prime / 900 kVA Standby
	400/230 Volts
	3 Phase
	50 Hz
Base & Fuel Tank	Integral 800l fuel tank (6.6 hour fuel tank at 75% PRP load 50Hz)

Features

Noise	LWA / Material / Air attenuators	85dB(A) @ 1 m 75% load / 80mm Polyester fiber + rock wool / inlet and out let
Enclosure	Type	Sound Enclosure in galvanized steel
	Design	Semi-Modular welded panels with interchangeable doors
	Skid base	Steel profiles thickness
	Leak proof tray	Yes, with draining facilities on skid
	Cooling	Vertical heat exchanger / 40°C or 50 °C
	Others	Grounding / Internal exhaust silencer / rain cap / door handles flat with key / Epoxy polyester paint / Flexible compensators / External emergency stop button
Fuel system	Tank	Sub-base / rectangular
	Tank capacity (l)	800
	Filling & others	External with key one side / Visual fuel level on tank
Control Panel	Position	Front end with window on canopy
	Controller	Power Command 3.3.
	Other equipment	Control Display LCD / Warning & Shutdown / Analogue measurement / AmpSentry protection
	Outputs	Internal power cables connection / External lateral side
Access and lifting	Access	One key for enclosure locks / Doors at both sides for full internal access / Door for control panel access
	Radiator access /filling	Exhaust room via exhaust panel disassembling / external coolant filling on top
	Lifting	4 Lifting points on the roof

Equipment	Standard	Lead acid batteries (Dry charged) / visual fuel gauge on fuel tank
	Optional	Battery Charger / engine coolant heater / Residual Current Device / Manual oil drain pump / Standard or Motorized IV Poles circuit breaker / Automatic refilling fuel system

Weights*	Unit dry weight kgs	Unit wet weight kgs
Unit dry weight kgs	11.000	12.000

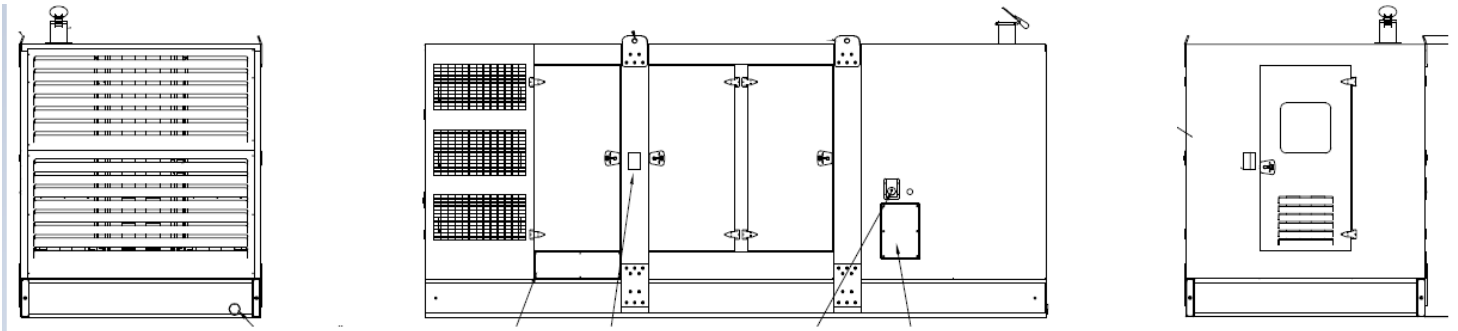
*Weights represent a set with standard features (enclosure 6200x2300x2500mm). See outline drawing for weights of other configurations

Dimensions	Length	Width	Height
Enclosed set standard dimensions (mm)	5700	2200	2580(*)

* Exhaust rain cap not included (detachable)

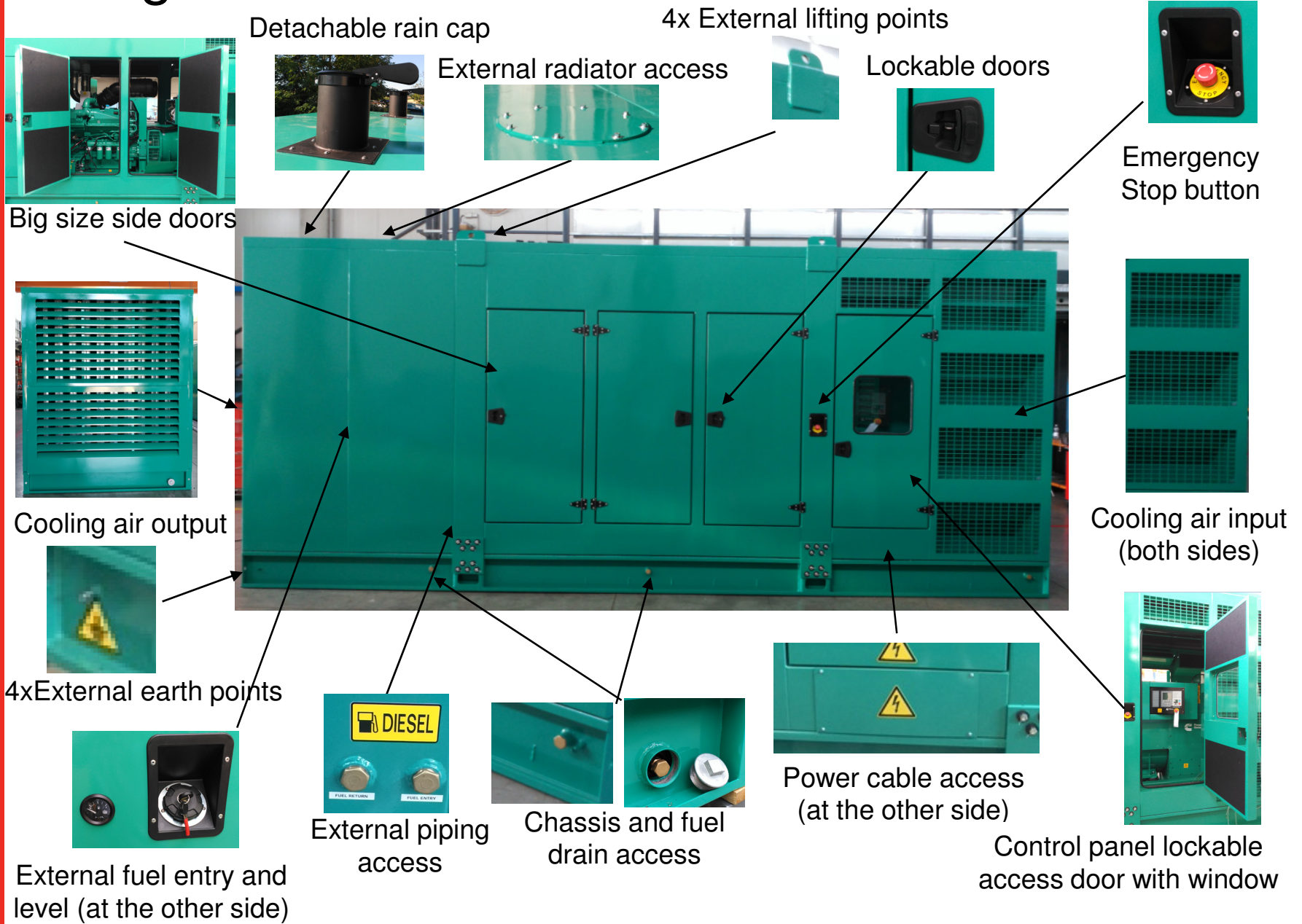
Genset outline

Enclosed set

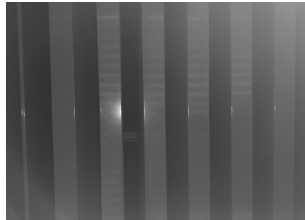


Outlines are for illustrative purposes only. Please refer to the genset outline drawing for an exact representation of this model.

Design - External

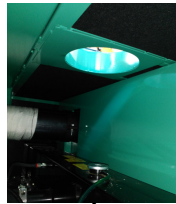


Design - Internal



Noise attenuators

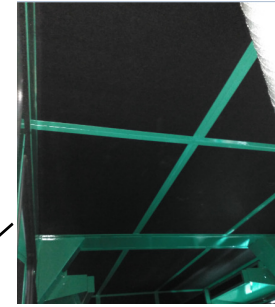
Coolant filling access



Flexible compensators & hot parts protection



Soundproof material



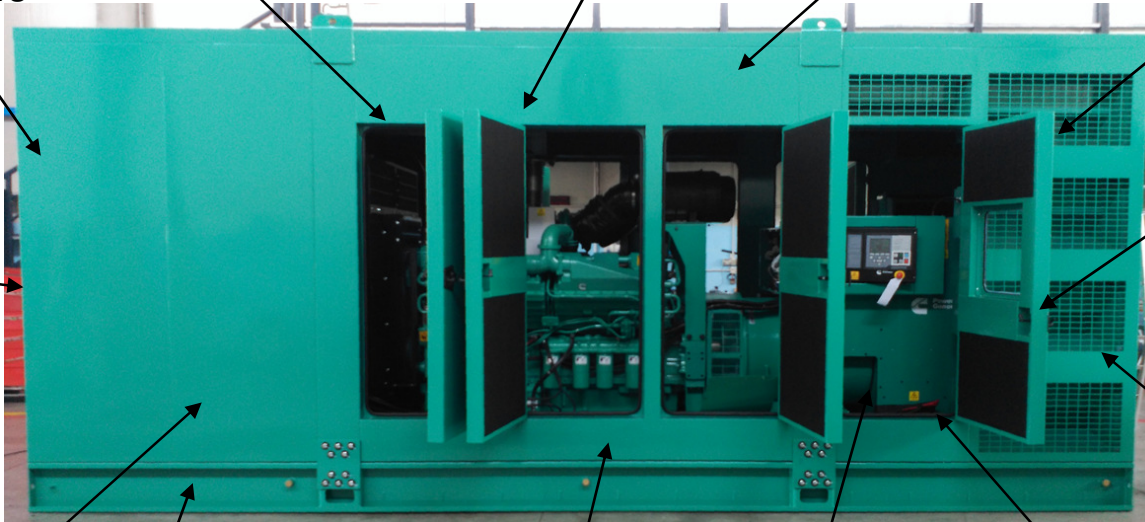
Rigid doors



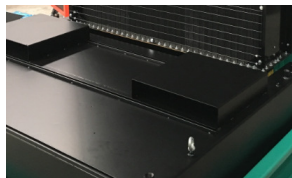
Internal silencers



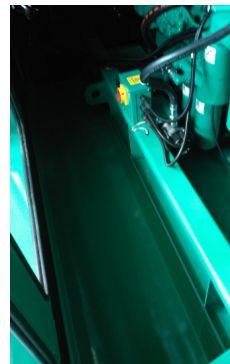
Turning locks



Electric fuel shutdown and external connection



High capacity fuel tank



Leak proof tray



CB optional (front/bottom outlet)



Noise & water proof air intake louvres



Cummins skid integrated