

STEAM GENERATING PLANT

Containerised Duel Fuel (Diesel/Gas) Fired Boiler 8T/Hr



General Information:

Dimensions LxWxH (mm) (Containerised):	12 200 x 2500 x 2900
Chimney Outlet Elévation (mm) (Containerised):	10 100
Transport Weight (Kg) (Containerised):	28 700
Weight in Operation (Kg)	47 000
Max Steam Flow (with feed water @90°C)	7800 kg/h (from and at 90°C) or 17 200 lbs/h
Max Steam Pressure:	14,5barg or 210Psig
Nominal Efficiency (direct method)	90% (+/-2%)
Noise Level at Nominal Capacity:	104dB(A)@1m
NOx Emissions Natural Gas	100mg/Nm ³
NOx Emissions Light Oil Fuel	200mg/Nm ³
Max Fuel Consumption Natural Gas (Nm ³ /H)	540
Max Fuel Consumption Light Fuel Oil (L/H)	580
Water Volume Content @ Low Level	9,140L

Main Features:

Three Pass boiler shell with 14,5barg pressure	Automatic continuous desalting device
Low Nox dual fuel burner & VSD & O ² regulation	PLC with remote monitoring
Temperature controlled atmospheric feedwater tank	Up to 72 hours of unsupervised operation
Feedwater pump & VSD	No special convoy transport required
Blow down tank with automatic blow down valve	LP & HP Hot Water operation possible (optional extra)



AIR



POWER



TEMPERATURE



FLOW

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Subject to change without prior notice. Information is for guidance only. Please contact your nearest Rental office for detailed application advice.



Required Power Supply:

Voltage:	3 x 400V (50Hz) without Neutral
Power (incl feed water pumps)	48Kw
Required Circuit Breaker	3 x 1215A (D curve)

Optional Accessories (non-exhaustive list)

Fuel Tank (light fuel oil) - unmanned	Rigid Pipes Installations (by Third Party)
Water Softener & Chemical Dosing Station (Third Party)	Steam Pressure Reducer

Connections	Dimensions & Type	Expected Values
Make-Up Water Inlet	DN40 PN16 (EN 1092-1, B Type)	3barg min. to 6barg max
Condensates Inlet	DN40 PN40 (EN 1092-1, B Type)	8barg & 103°C
Electrical Power	CEE 125A 4Pin	See Above
Gas Inlet	DN150 PN16 (EN 1092-1, B Type)	105 to 300mbarg (PS 500mbarg)
Light Fuel Oil Inlet	DN25/thread M38x 1,5	1 to 1,5barg
Blow Down Drain	DN100 PN40 (EN 1092-1, B Type)	Atmospheric pressure
Steam Outlet	DN150 PN40 (EN 1092-1, B Type)	6 to 14,5barg operating

