

Moss Topping Up Generator

Inert Gas Systems

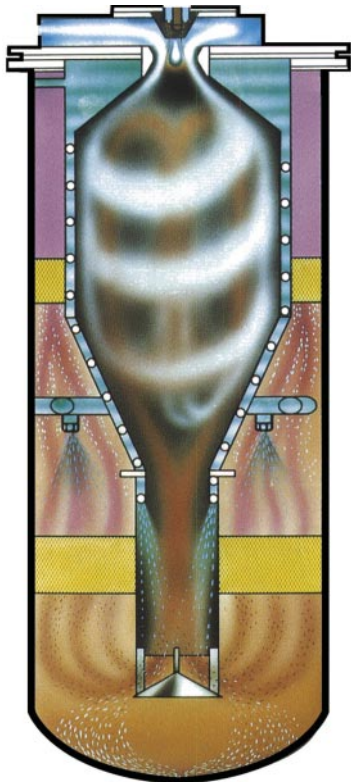


Moss Topping Up Generator



Combustion air roots blower

Moss Topping Up Generator

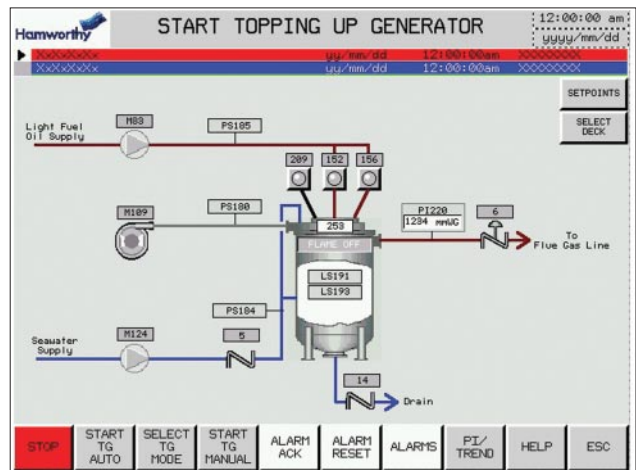


High inert gas quality is made possible by a purposely designed combustion chamber

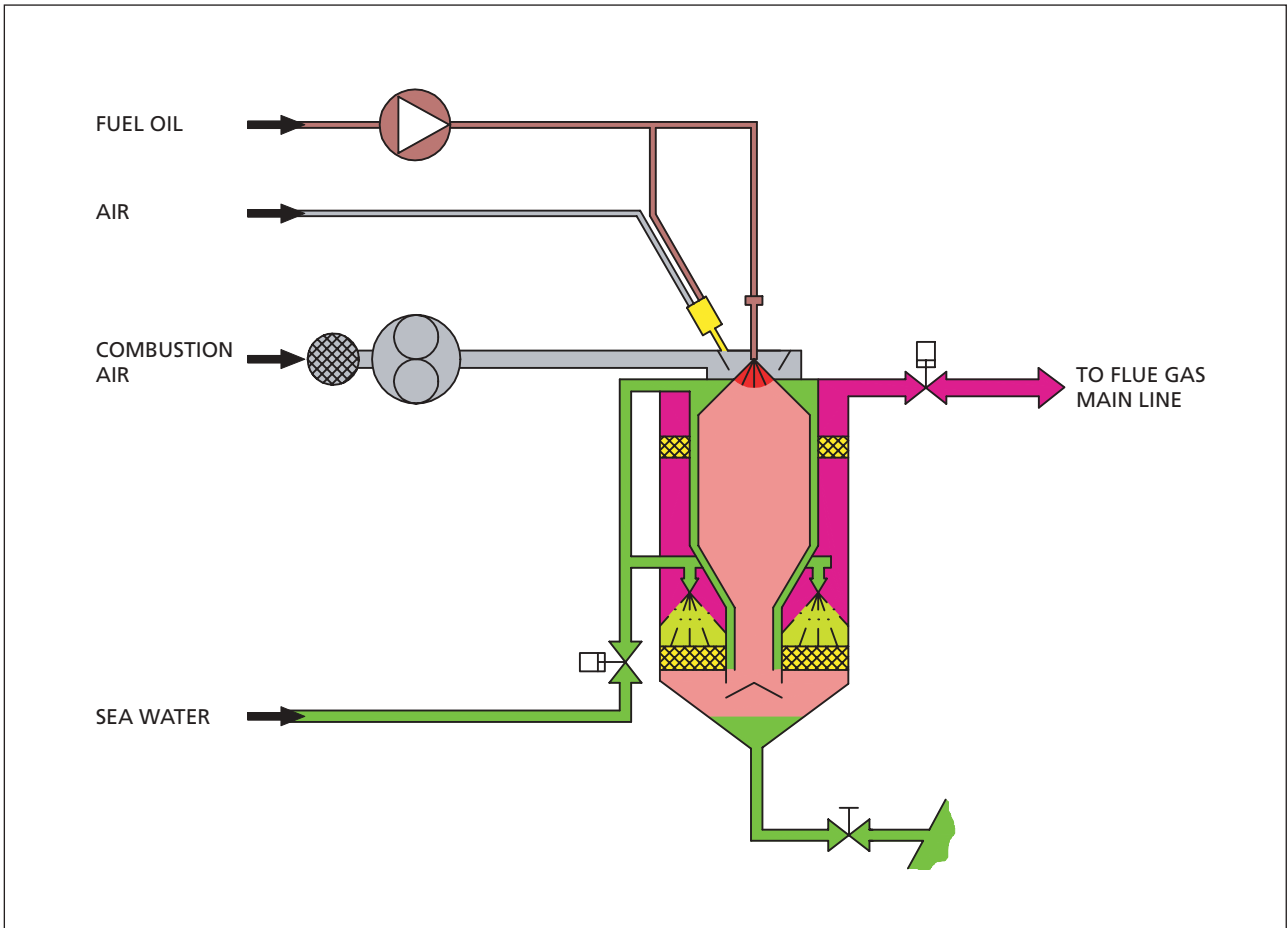
The unique design is based on experience from thousands of installations, the first one in the 1960's. High efficiency, low maintenance costs, safe and easy operation combined with minimum space requirements are important features of the Moss design. This is reflected in the overall layout, the choice of materials/corrosion protection and the control system.

The most common use of a **Moss Topping Up Generator** is in conjunction with a **Moss Flue Gas System**, see separate brochure. The two systems will then have a common control system.

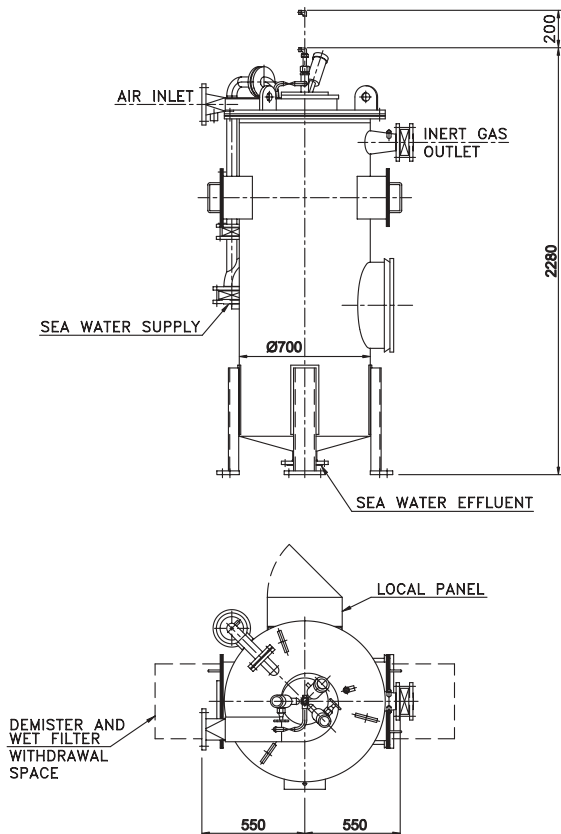
The **Moss Topping Up Generator** is also supplied as an independent unit for smaller capacities, see separate brochure **Moss Inert Gas Generators for Tankers**.



Typical picture of the touch screen user interface



Dimensional Data



Performance Data

Capacity: 500 /Nm³/h

Discharge pressure:

0,12 bar g (other pressures upon request).

Inert gas composition at 3% by volume of oxygen (based on marine distillate fuel).

CO	= Max. 100 ppm	NO _x	= Max. 150 ppm
SO ₂	= Max. 1 ppm	CO ₂	= Approx. 14%
N ₂ + Ar	= Balance		

Oxygen content adjustable down to approx. 1%.

Gas outlet temperature:

Max. 5°C above sea water temperature.

Relative humidity: 100%.

Carry over of water droplets: Less than 1 g/kg dry gas.

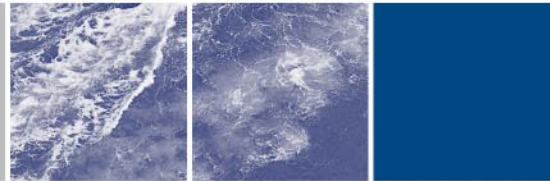
Fuel: Marine distillate according to ISO 8217.

Nominal Fuel consumption: 40 kg/h.

Nominal Sea water consumption:
35 m³/h (sea water temp. 32°C).

Nominal El. power consumption:

7,0 kW/h (excluding sea water pumps).



Worldwide sales and service network

Our global network of sales and service centres ensures that we can provide first class technical, spares and service support to our customers wherever they are around the world. In addition to our sales and service locations, we are supported by agent representatives in all major shipping areas.

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