Exhaust Gas Cleaning Systems

Description

Ecospray specializes in the **design, supply, and installation of exhaust gas cleaning systems (EGCSs)** for the removal of sulfur dioxide (SO₂) from ship exhaust gases.

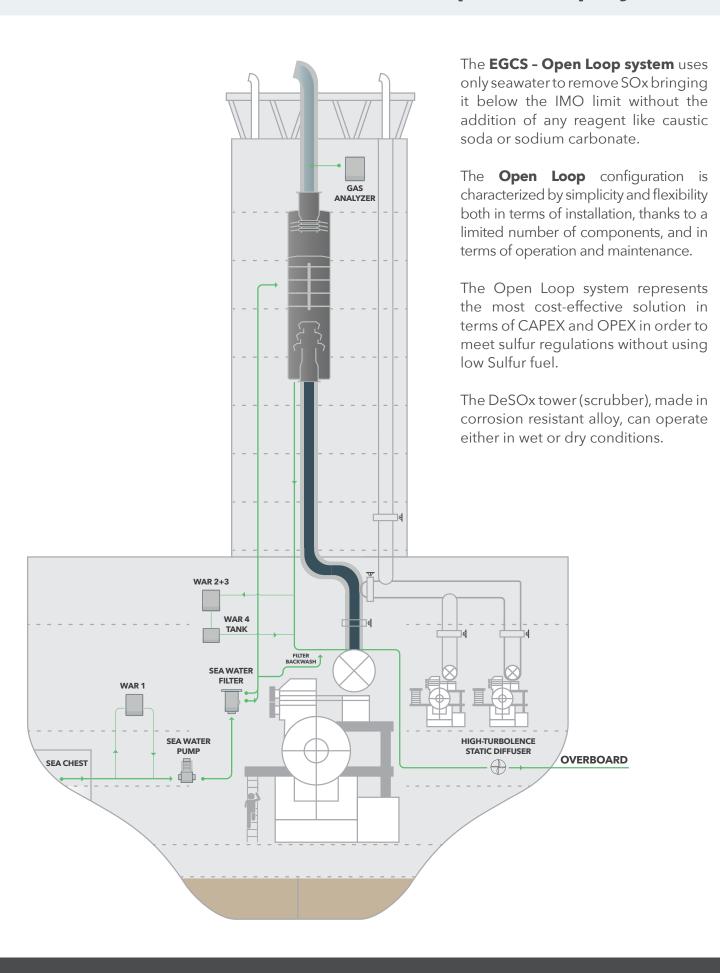
These systems enable vessels to continue using high-sulfur fuels while meeting the IMO emission limits, representing also the **first step of onboard carbon capture system**.

A wide range of EGCS is available to meet all DeSOx needs to turn your fleet green:

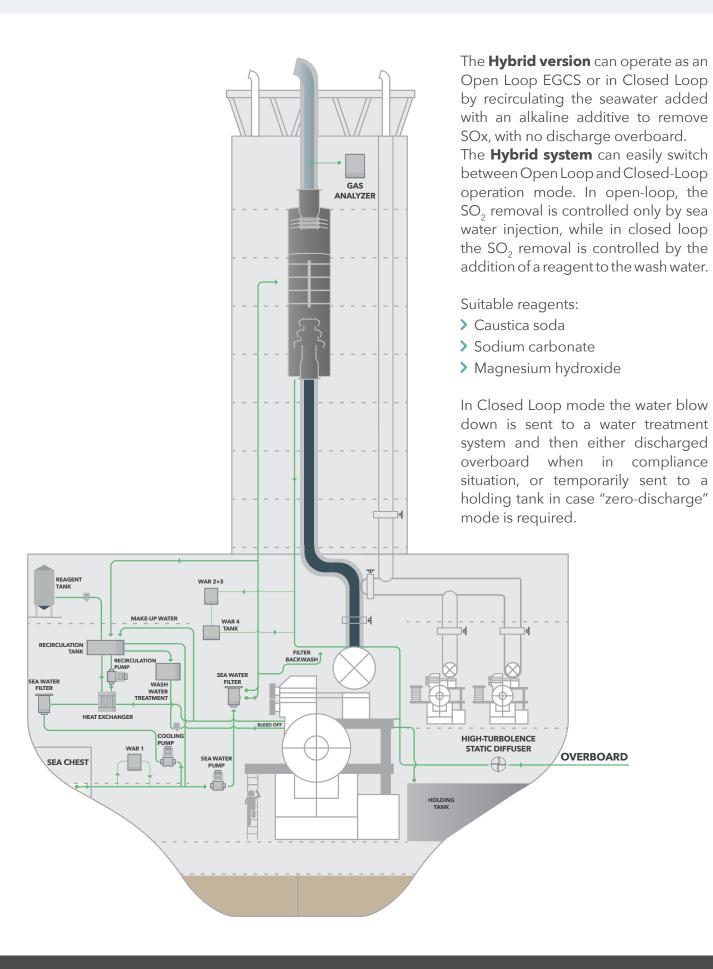
- > Open Loop and Hybrid
- > Carbon Capture ready
- > Inline and U-Type configuration
- > From 1750 to 5600 mm in diameter
- > From 5 to 70 MW rated engines power



The EGCS Open Loop system



The EGCS Hybrid system



Technical Information

Inline

Maximum nominal power	Tower size	Tower diameter (D)	Tower height (H)	Avg. El. Power consumption
MW	-	mm	mm	kW
6	1750	1.750	8.000	
8	2000	2.000	9.800	110
9	2100	2.100	8.400	125
10	2200	2.200	10.200	140
12	2400	2.400	10.500	175
14	2600	2.600	10.800	210
16	2800	2.800	11.000	255
18	3000	3.000	11.200	290
20	3200	3.200	11.500	300
23	3400	3.400	11.000	345
26	3600	3.600	11.500	390

U-Type

Maximum nominal power	Tower size	Tower diameter (D)	Tower height (H)	Tower width (W)	Dry weight	Avg. El. Power consumption
MW	-	mm	mm	mm	Kg	kW
6	1800	1.800	8.370	8.370	8.000	90
8	2000	2.000	9.260	9.260	9.800	110
10	2200	2.200	8.900	8.900	8.400	125
12	2400	2.400	9.200	9.200	10.200	140
14	2600	2.600	8.900	8.900	10.500	175
16	2800	2.800	7.700	7.700	10.800	210
16	3000	3.000	8.250	8.250	11.000	255
20	3200	3.200	8.800	8.800	11.200	290
23	3400	3.400	9.340	9.340	11.500	300
26	3600	3.600	9.860	9.860	11.000	345
33	4000	4.000	10.800	10.800	11.500	390
39	4300	4.300	11.600	8.600	24.600	565
48	4600	4.600	12.500	9.200	28.100	695
58	5000	5.000	13.500	10.100	34.200	840
70	5600	5.600	15.000	11.400	40.900	1.050

Note: not binding weights and dimensions.