SEWAGE TREATMENT PLANT

SWCM-40 Sewage Treatment Plant

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: The SWCM type marine sewage treatment plant uses activated sludge, contact oxidizing and principle of biologic membrane to digest the organic pollutant, which can treat sewage effectively a...

Key Highlights

Category	Sewage Treatment Plant
Standard	GB
Weight / Size	3.Adopting the "MBR" technology, devices allow to the narrow size, and s...
Certificate	CCS GL BV ABS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Sewage Treatment Plant	**Model / SKU**	SWCM-40-Sewage-Treatment-Plant
Standard	GB	**Weight / Size**	3.Adopting the "MBR" technology, devices allow to the narrow size, and solve the conflict of small space of cabin, but big volume of device.
Surface	5.The device is adopting the principle of“air-lifting”to transfer the sludge from sediment tank and membrane tank to aeration tank, meantimes the“pump stops and air never stopped”, so as the scale on the membrane surface comes down.	**Certificate**	CCS GL BV ABS
Warranty	12 Months unless specified otherwise	**Origin**	China

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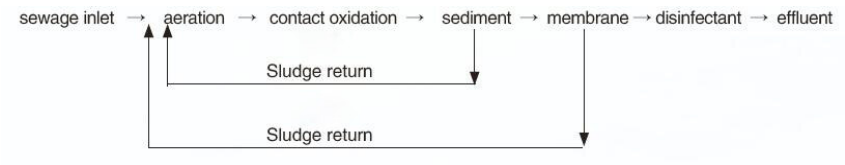
Product Description:

The SWCM type marine sewage treatment plant uses activated sludge, contact oxidizing and principle of biologic membrane to digest the organic pollutant, which can treat sewage effectively and reach at the IMO MEPC. 227(64) new effluent standard or other stricter requirements.

Working Principle:

The device adopts activated sludge, contact oxidizing and principle of biologic membrane to digest the organic pollutant, which can treat sewage effectively andmeetthe IMO new effluent standard or other stricter requirements.



Technical Feature:

1.Adopting horizontal circular design, ellipse closures on both ends, pressure resistance and compact structure.

2.The device is adopted auto-control, and compliance with the requirement of 24-hours unattended cabin.

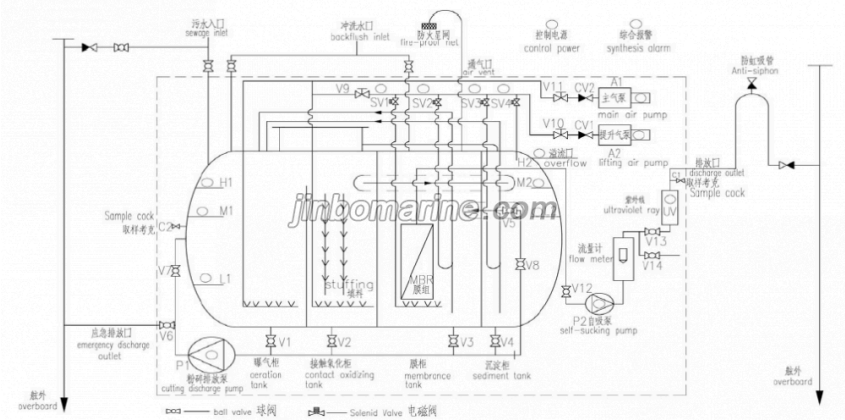
3.Adopting the "MBR" technology, devices allow to the narrow size, and solve the conflict of small space of cabin, but big volume of device.

4.The intermittent aeration in bio-membrane tank and hollow fiber membrane tank, form the process of "aerobic - anoxic", and resolve the problem of "nitrogen and phosphorus removal".

5.The device is adopting the principle of“air-lifting”to transfer the sludge from sediment tank and membrane tank to aeration tank, meantimes the“pump stops and air never stopped”, so as the scale on the membrane surface comes down. Due to back flushing and clean the membrane“online”usd technology patent.

6."On-line" cleaning technology, making the dirt on membrane off automatically, recover membrane flux. It can be solved the problem of opening the cleaning or replacement of membrane difficultly caused by the small space in cabin.

7.The effluent after further treatment can be reached at the requirement of“water recovery”.



Technical Data :

model		SWCM															
		10	15	20	25	30	40	50	60	80	100	120	150	200	250	300	400
Treated Load	Average load (L/d)	840	1190	1540	1890	2310	3080	3780	4480	6020	7700	9100	11200	14700	18200	23100	30800
	Peak load (L/h)	105	149	193	237	289	385	473	560	753	963	1138	1400	1838	2275	2888	3850
	Organic load (kgBOD5/d)	0.42	0.60	0.77	0.95	1.16	1..54	1.89	2.24	3.01	3.85	4.55	5.60	7.35	9.10	11.55	15.40
Rate capacity(P)		10	15	20	25	30	40	50	60	80	100	120	150	200	250	300	400
Max capacity(P)		12	17	22	27	33	44	54	64	86	100	130	160	210	260	330	440
Electricity		AC380V.50Hz.3Φ/AC440V.60Hz.3Φ															
Power(KW)		2.25	2.25	2.50	2.50	2.50	3.00	3.00	3.50	4.00	4.00	4.00	6.00	6.00	7.00	9.00	11.00
External dimennsions Length*width*height （mm）		1350*1200*1370	1850*1200*1400	1660*1400*1550	1890*1400*1560	1980*1500*1650	2270*1600*1700	2300*1700*1820	2650*1700*1830	2790*1900*2050	2706*2000*2200	3000*2000*2200	3080*2200*2300	3630*2200*2350	3880*2400*2570	4780*2400*2600	5980*2400*2600
Weight	Dry weight (kg)	900	1000	1000	1100	1200	1300	1450	1600	1850	2200	2300	2800	3000	3300	3700	4200
	Wet weight (kg)	1775	2283	2640	2740	3500	4400	5073	5270	6517	8268	9166	11340	13267	16538	20357	25417
Discharge standard		TSS>/35mg/L . BOD>/25mg/L . COD>/125mg/L . Colichin>/100/100ml . PH:6~8.5															