

SEWAGE TREATMENT PLANT

SWCM Sewage Treatment Plant

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 an...

ISO9001 Supplier

Class Certificate

Export Supply



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, BV, ABS, GL , LR, NK

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

Technical Specifications

Category	Sewage Treatment Plant	Model / SKU	SWCM-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, BV, ABS, GL , LR, NK
Warranty	12 Months unless specified otherwise	Origin	China

CONTENTS

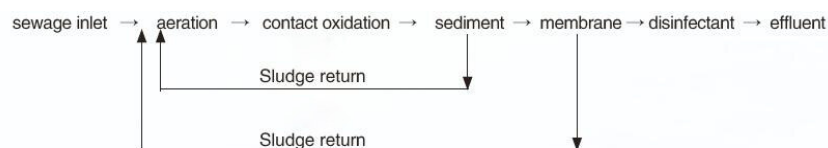
- Product Description:
- Technical Feature:
- Export Packing:
- Working Principle:
- Technical Data:

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 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 and meet the 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, meantime 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" used 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	LOAD			Rated capacity (men)	Max capacity (men)	External dimension (mm) L×W×H	weight	
	Average load (L/d)	Peak load (L/h)	Organic load(kgBOD5/d)				Dry weight (kg)	Wet weight (kg)
SWCM-10	840	105	0.42	10	12	1510×1200×1300	900	1775

SWCM -15	1190	149	0.595	15	17	1870x1200x1400	1000	2283
SWCM -20	1540	193	0.77	20	22	1745x1400x1525	1000	2640
SWCM -25	1890	237	0.945	25	27	1935x1400x1560	1100	2740
SWCM -30	2310	289	1.155	30	33	1985x1500x1650	1200	3500
SWCM -40	3080	385	1.54	40	44	2400x1600x1700	1300	4400
SWCM -50	3780	473	1.89	50	54	2410x1700x1850	1450	5073
SWCM -60	4480	560	2.24	60	64	2670x1700x1850	1600	5270
SWCM -80	6020	753	3.01	80	86	2780x1900x2050	1850	6517
SWCM -100	7700	963	3.85	100	110	2795x2000x2200	2200	8268
SWCM -120	9100	1138	4.55	120	130	3000x2000x2200	2300	9166
SWCM -150	11200	1400	5.6	150	160	3050x2200x2300	2800	11340
SWCM -200	14700	1838	7.35	200	210	3600x2200x2350	3000	13267
SWCM -250	18200	2275	9.1	250	260	3880x2400x2570	3300	16538
SWCM -300	23100	2888	11.55	300	330	4750x2400x2570	3700	20357
SWCM -400	30800	3850	15.4	400	440	5950x2400x2570	4200	25417

Export Packing:

