

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## SEWAGE TREATMENT PLANT

# WCBx-B Series Sewage Treatment Plant

ISO9001 Supplier

Class Certificate

Export Supply

Description The method of combining catalytic oxidation,ultraviolet disinfestations and sterilization is adopted in the WCBx-B series sewage treatment plant,it treats the domestic sewage of toilet from ship. And i...



### Key Highlights

Category	Sewage Treatment Plant
Standard	DIN
Weight / Size	And it optimal designed the biochemical reactor,the chlorine adding ster...
Certificate	CCS,BV,EC,GL,mill certificate etc.

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

Technical Specifications			
Category	Sewage Treatment Plant	Model / SKU	WCBx-B-Series-Sewage-Treatment-Plant
Standard	DIN	Weight / Size	And it optimal designed the biochemical reactor,the chlorine adding sterilization is adopted,so compare with the products of the same kind,it has the characteristics of small cubage,light weight,compact structure and without secondary pollution.The discharged water after the treatment of the device has reached the effluent standard stipulated internatioinally,and it accords with the requirement of resolution MEPC.159(55) of international marine organization environemental protection commission,and international waste fluid effluent standard.
Certificate	CCS,BV,EC,GL,mill certificate etc.	Warranty	12 Months unless specified otherwise
Origin	China		

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## Description

The method of combining catalytic oxidation,ultraviolet disinfestations and sterilization is adopted in the WCBx-B series sewage treatment plant,it treats the domestic sewage of toilet from ship. And it optimal designed the biochemical reactor,the chlorine adding sterilization is adopted,so compare with the products of the same kind,it has the characteristics of small cubage,light weight,compact structure and without secondary pollution.The discharged water after the treatment of the device has reached the effluent standard stipulated internatioinally,and it accords with the requirement of resolution MEPC.159(55) of international marine organization environemental protection commission,and international waste fluid effluent standard. WCBx-B series sewage treatment plant consists of 5 watertight tanks. These 5 tanks respectively are a sewage tank,first-stage contact oxidation tank,second-stage contact oxidation tank,a settlement tank and a catchment tank. The device has strong corrosion resistance and applies to sea water to flush toilets.

## Technical Data

model	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx	WC Bx
parameter	-10 B	-15 B	-20 B	-25 B	-30 B	-40 B	-50 B	-60 B	-80 B	-10 0B	-15 0B	-20 0B	-30 0B	-40 0B	-50 0B	-60 0B



suitable number of people	10	15	20	25	30	40	50	60	80	100	150	200	300	400	500	600	
treatment load (m3/d)	0.7	1.0	1.4	1.7	2.1	2.8	3.5	4.2	5.6	7	10.5	14	21	28	35	42	
organic load(kgBOD/d)	0.3	0.5	0.7	0.8	1.0	1.4	1.7	2.1	2.8	3.5	5.2	7	10.5	14	17.5	21	
discharge standard	BOD $\leq$ 25mg/l;COD $\leq$ 125mg/l;TSS $\leq$ 35mg/l;COIL GROUP $\leq$ 100/100ml;PH6 ~ 8.5																
process pump	model	32CGW-10-20											40CGW-20-20				
	type	vercital type															
	capacity (m3/h)	10											20				
	motor power (kw)	1.5											2.2				
Air pump	model	CYBW-10					CYBW-20			CYBW-25			CYBW-40				
	type	sliding vane type															
	capacity (m3/h)	10					20			25			40				
	motor power (kw)	0.37					0.75			1.1			1.5				
crushing pump	model	0.5CWF-10					1CWF-11					2CWF-11					
	type	blade centrifugal type															
	capacity (m3/h)	5					10					20					
	motor power (kw)	1.1					1.5					2.2					
ultra filter	model	CSUF-5060					CSUF-6050										
	type	advanced anti-soil ultrafiltration membrane															
	capacity (m3/h)	1.1								2.1							

steri- lizer	model	niwon-1.5	niwon-3
	wavele ngth	253.7	253.7
	power( kw)	0.3	0.38
	capacit y (m3/h)	1.5	3
back flushing water pressure	0.1-0.25mpa		
power supply	AC 3ph/380V/50Hz or AC 3ph/440V/60Hz		
control mode	automatic/manual		