



TeamTec

SIMPLY BETTER

 SENZA[®]BWMS

TeamTec

Norwegian traditions – a business with deep roots

TeamTec is continuing a tradition of maritime industrial activity at Tangen in Tvedestrand, Norway, dating back to around year 1700. Today TeamTec is a well-recognized name in the maritime industry. Our company has been built up around decades of manufacturing and sales of maritime waste incinerating systems, as well as stripping ejectors to the shipbuilding industry. TeamTec is on a continuous growth path and in recent years TeamTec has also been offering ballast water management systems (BWMS) to the maritime sector.

TeamTec was founded on the national day 1984, by a small group of ambitious and enthusiastic pioneers. Their enthusiasm and passion are carried forward by the entire TeamTec staff. We take great pride in supplying our quality products to the demanding shipping and offshore markets. TeamTec is confident that our products will continue to be at the forefront of global maritime technology in the future.

We are proud to supply quality products and service from our
worldwide service network.



SENZA[®]

CERTIFICATION

USCG Type Approval
IMO Type Approval (BWMS Code)

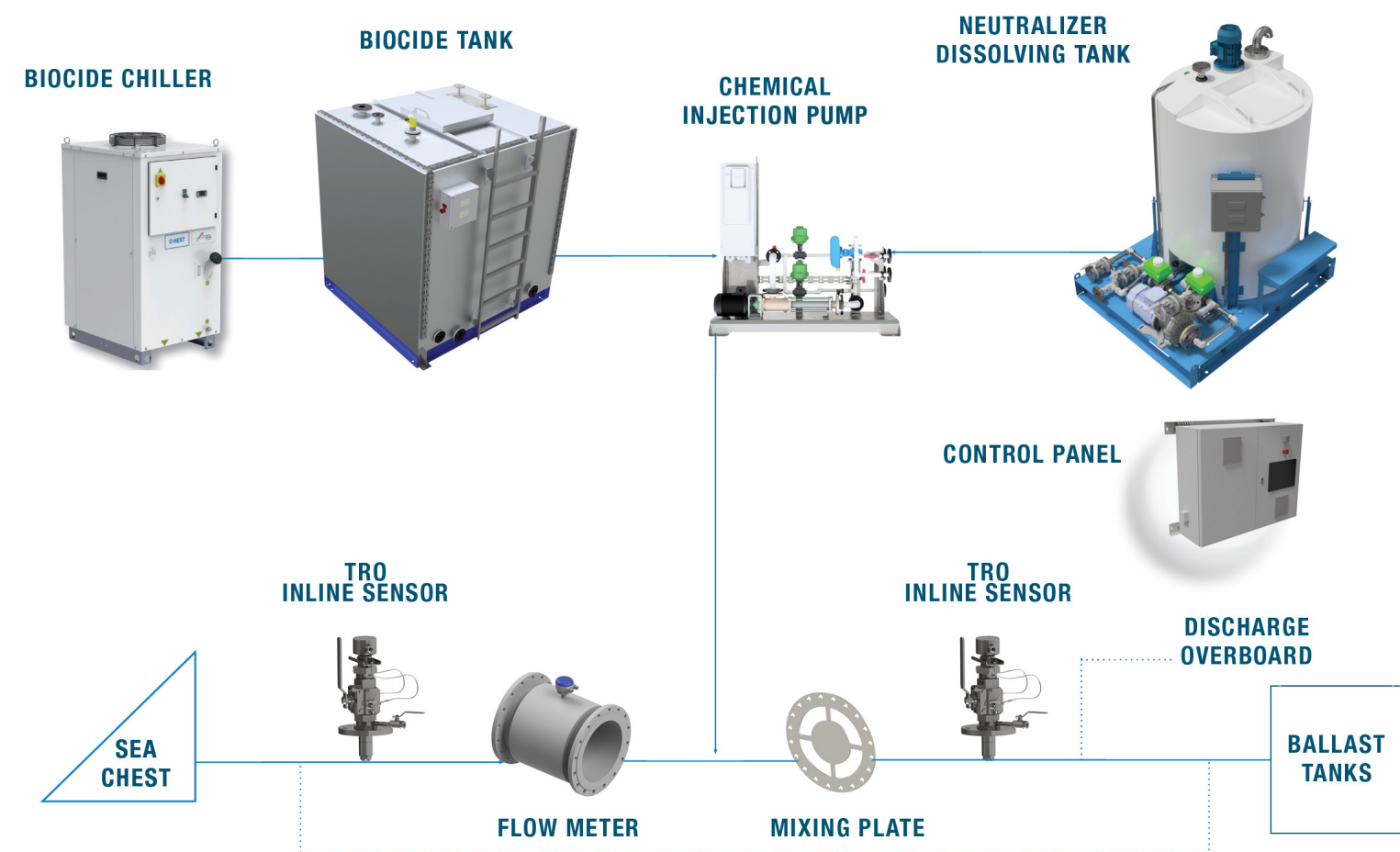
TECHNOLOGY

Senza BWMS uses direct biocide injection to treat ballast water. To the owner's as well as yard's benefit the system does not require the use of filter. Neutralizer is injected when discharging ballast water. Standard, non-proprietary chemicals are used during ballast (Sodium Hypochlorite) and de-ballast (Sodium Sulfite) operations. Senza BWMS simplicity makes it easy to install on both new and old ships. Only minor modifications to the ballast piping are needed to retrofit Senza BWMS, making it possible to complete the installation while sailing. The system includes limited moving parts and no complex equipment resulting in minimal maintenance and easy operation for the crew.

Senza BWMS - stress-free ballast water management.

IT DOESN'T GET ANY EASIER...

- No filter
- 100% flow rate in all water conditions
- Lowest power consumption in the market
- Small configurable footprint
- Minimal change to existing ballast piping
- Easy installation, possible to install while sailing
- Simple and robust design
- Standard biocide, available worldwide
- IMO and USCG Type Approved
- Range: 225-3750 m³ / h





ADVANTAGES

- Quick and simple installation
- Possible to install while sailing
- Quick commissioning
- No filter
- Minimal change to existing ballast piping
- No minimum pressure requirement
- Minimal pressure drop
- Lowest power consumption in the market
- Easy to operate and maintain



CONSUMPTION TABLE

MODEL	CAPACITY [m³ / h]	POWER [kW]	BIOCIDE [l / h]	NEUTRALIZER [kg / h] *
Senza SMALL	225 - 1500	5	28 - 187	6 - 43
Senza LARGE	1500 - 3750	5	187 - 469	43 - 107

* Estimated values

LIFECYCLE SERVICE

TeamTec provides comprehensive lifecycle services for all TeamTec products.

SPARE PARTS

- Dedicated Spare Parts Department with 24hr availability
- Tailored spare part kits
- Reliable operation
- Avoid unnecessary downtime and costs

SERVICE

Our service department consists of skilled service engineers and agents located in strategic areas **worldwide**.

A combination of experienced and highly qualified staff, plus extensive know-how, guarantees our customers the highest level of customer care.

Our Lifecycle Service Department provides the following:

- Installation survey
- Installation supervision
- Commissioning
- Crew training
- Service agreements
 - Technical seminars
 - Annual service inspections
- Repair service

CONTACT US
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SENZA®

BALLAST WATER MANAGEMENT SYSTEM



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