TeamTec is continuing a tradition of marine industrial activity at Tangen in Tvedestrand, Norway, dating back to around 1700. Today our company is one of the world leaders in marine waste incinerating systems and stripping ejectors to the shipbuilding industry. TeamTec was founded on May 17, 1984 by a small group of enthusiastic pioneers. Their enthusiasm and passion is carried forward by the entire TeamTec staff, and we are confident that our products will continue to be in the forefront of international marine technology in the future. We are proud to supply our quality products to a demanding shipping and offshore market.

TeamTec Incinerators are perfect for onboard waste stream management!
INCINERATION IS AN EFFICIENT METHOD FOR HANDLING SOLID AND LIQUID WASTE, MAINLY ONBOARD VESSELS AND AT OFFSHORE INSTALLATIONS, BUT ALSO USED ON-SHORE.

TEAMTEC INCINERATOR ADVANTAGES:

- Automatic control and operation (no filters, no strainers, self cleaning nozzle)
- Low maintenance cost
- Minimum fuel consumption
- Modular construction with a compact and sturdy design
- Easy retrofit – equipment package
- Top professional service engineers for commissioning and start-ups
- A large stock of genuine spare parts
- Customized documentation

TEAMTEC INCINERATORS ARE INSTALLED ON/AT:

- All major shipping companies
- All major cruise lines
- Navy fleets and Coast Guards world wide
- Floating and fixed production units
- Offshore and specialized vessels
- Land based power plants
- Holiday resorts
INCINERATOR MODELS

THE TEAMTEC INCINERATORS ARE CERTIFIED IN COMPLIANCE WITH:

- IMO-RESOLUTION MEPC. 244(66) adopted April 4th 2014, previous 76(40)
- “Standard Specifications of Shipboard Incinerators”
- Type approved by: DNV GL, ABS, BV, LRS, CCS, NKK, (USCG), RMRS and RRR
### PERFORMANCE CURVE

**Sludge capacity for the different incinerator models**

- Sludge tank capacity: 2 kg / 0.5 % of ship's HFO/MGO consumption per 24 hrs
- Incinerator capacity: Sludge capacity sufficient to burn 1 % / 0.25 % of ship's HFO/MGO consumption per 24 hrs during 8-12 hrs/day operation
- Solid waste generation: 2 kg/person/day (ranges 1 - 2.5)

### OVERVIEW

**Capacity Overview**

### Key Points:
- **Incinerator Models:**
  - GS1000C
  - GS900C
  - GS500C
  - OG400C
  - OG200C
  - OG120C

### Version Codes:
- **CODE FEATURE DESCRIPTION**
  - C: Standard - Computerized automation/control (PLC)
  - F: Auto feeding of solid waste (hopper, shredder, screw feeder)
  - G: Stirrer for solid waste
  - I: Water injection
  - IC: Increased capacity
  - SRS: Sluice for solid waste
  - W: Incinerator for solid waste only
  - X: Large single door opening

### Table: Capacity Overview

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<thead>
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<td>220</td>
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<td>16**</td>
<td>35</td>
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<td>800</td>
<td>2000 (+ 3000)</td>
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### Notes:
- Expected daily consumption when burning sludge with less than 50 % water content
- With optional bilge water injection (I)
- Front sided sluice solution
HEATING OPTIONS

STEAM

ELECTRIC

THERMAL OIL

OPTIONAL SUPPLEMENTS

- Level transmitter for read out on incinerator display
- TeamTec water in oil monitor for a perfect control of your sludge oil quality, available upon request

SLUDGE PREPARATION TANK

Sludge heating/mixing tanks

For the best economical operation and optimal efficiency of any incinerating plant we recommend installing two cylindrical sludge tanks allowing for proper water settling and drainage. One tank is used for settling and the second is the service tank. All TeamTec tanks are complete with sludge circulation pump, level switches and thermostat.

RATED CONSUMPTION

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<tr>
<th>Type</th>
<th>Heating by steam – thermal oil</th>
<th>Heating by el. power</th>
<th>Circ. pump el. power</th>
<th>Dimensions L x W x H mm</th>
<th>kg</th>
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<tr>
<td>435 l</td>
<td>50 kg/h - 6-10 bar</td>
<td>12 kW</td>
<td>2,5 kW</td>
<td>1528 x 905 x 1767</td>
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<td>700 l</td>
<td>1422 x 836 x 2016</td>
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<td>1632 x 1251 x 2050</td>
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<td>1100 l</td>
<td>1905 x 1439 x 2110</td>
<td>16 kW</td>
<td>1815 x 1439 x 2360</td>
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<td>1700 l</td>
<td>2030 x 1660 x 2470</td>
<td>16 kW</td>
<td>2030 x 1660 x 2470</td>
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<tr>
<td>2000 l</td>
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<td>16 kW</td>
<td>2030 x 1660 x 2470</td>
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<td>3000 l</td>
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<td>16 kW</td>
<td>2030 x 1660 x 2470</td>
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<tr>
<td>400 l</td>
<td>Diesel oil tank</td>
<td>12 kW</td>
<td>910 x 750 x 1167</td>
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<tr>
<td>435 l</td>
<td>Water service tank (12 kW)</td>
<td>1528 x 846 x 2308</td>
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RECOMMENDED SHIP’S INCINERATOR INSTALLATION

DUAL TANK SYSTEM INSTALLATION ALTERNATIVE WITH WATER TANK

FLAT-PACKED INCINERATOR
• TeamTec bolted and modular construction
• Replaceable refractory
• All parts through a normal ship door
• Within a few days we assemble the incinerator in the final location onboard

TEAMTEC CONTAINERIZED AND SKID MOUNTED INCINERATING PLANTS
Self-contained units for mounting outside on weather deck, ready for operation. The complete plants are built to the highest marine standards.

MODULAR DESIGN
• Allows flexibility and many options for retrofit and extended product lifetime

FLUE GAS FAN
FLUE GAS DAMPER
EXPANSION COMPENSATOR

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LIFECYCLE SERVICE

TeamTec provides comprehensive lifecycle service for all TeamTec products.

SPARE PARTS
• Tailored spare part kits
• Prolonged life-time of the units
• Trouble-free operation
• Avoid unnecessary downtime and costs
• Parts in stock can be sent the same day as the order is received

Contact us: spares@teamtec.no

UPGRADES
• Improved technology has many advantages; keywords are automation, increased capacity and lower fuel consumption
• We can offer various upgrades of both software and hardware
• Additional equipment and features can be retrofitted to further improve the versatility
• Upgrading kits make older incinerators more cost-efficient and environmentally friendly

Contact us: spares@teamtec.no

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

OUR SERVICE DEPARTMENT PROVIDES THE FOLLOWING:
• Commissioning
• Repair service
• Pre-installation survey

SERVICE AGREEMENT AND TRAINING:
• Annual service visits
• Technical seminars
• Required training of the crew operating the incinerator
• Simplify acceptance by local port authorities

Contact us: service@teamtec.no

GLOBAL PRESENCE

The TeamTec head office and manufacturing is located in Southern Norway, and we also have a sales and service office in Singapore. A global network of representatives is ready to support our customers 24/7.

The TeamTec incinerators are well known in the market under different brand names including Golar and Kværner. Additionally, our incinerators are manufactured at our assembly line in China, Nanjing Luzhou Machine Company, to serve the Asian market.
We can’t promise you a cozy fireplace,
but the TeamTec incinerators are perfect for onboard waste stream management!