



DEERBERG MAIN OFFICE

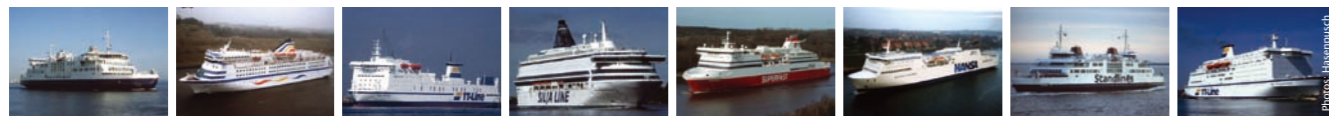
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We have supplied Waste Management Systems & Components to more than 800 Vessels, thereof 72 Navy Vessels, 27 SuperYachts, 10 Special Vessels, more than 600 Merchant Vessels, and

158 Large Passenger Vessels
 including the following Large Passenger Ferries

No.	Owner	Vessel	Pers. o.b.	No.	Owner	Vessel	Pers. o.b.
1	TT-Line	Peter Pan	2.000	22	DSR	Mukran	200
2	TT-Line	Nils Holgersson	2.000	23	DFO	Mecklenburg-Vorpom.	600
3	TT-Line	Nils Dacke	350	24	Superfast Ferries	Superfast III	1.500
4	TT-Line	Robin Hood	350	25	Superfast Ferries	Superfast IV	1.500
5	Olau-Line	Olau Hollandia II	2.100	26	TT-Line	Tom Sawyer	2.000
6	Olau-Line	Olau Britannia II	2.100	27	TT-Line	Huckleberry Finn	2.000
7	Birka Line	Birka Princess	2.000	28	Smyril Line	Norröna	1.600
8	Prince of Fundy	Scotia Prince	1.770	29	Color Line	Color Fantasy	3.000
9	Color Line	Venus	1.200	30	Birka Line	Birka Paradise	1.800
10	Sea Escape	Scandinavian Dawn	1.000	31	P&O Stena Line	European Highway	200
11	Silja Line	Silja Europa	3.000	32	P&O Stena Line	European Pathway	200
12	TR-Line	Kahleberg	1.500	33	Teso Ferries	TESO	1.750
13	Swedish Ferry Line	Aurora af Helsingborg	1.500	34	Moby Lines	Moby Aki	2.000
14	Swedish Ferry Line	Tycho Brahe	1.500	35	Tallink	Superstar	2.080
15	DSR	Greifswald	200	36	Color Line	Color Magic	3.000
16	Irish Ferries	Spirit of Innesfree	1.000	37	Stena Line	Stena Britannica	1.200
17	Superfast Ferries	Superfast I	1.200	38	Stena Line	Stena Hollandica	1.200
18	Superfast Ferries	Superfast II	1.200	39	Stena Line	NB 1807	350
19	Shanghai Shipping	Zi Yu Lan	400	40	Stena Line	NB 1808	350
20	Shanghai Shipping	Xiang Xue Lan	400	41	Louis Dreyfus	BO 619	1.300
21	Unity Line	Polonia	1.000	42	CMN	NB 468	805



1756 - 2010
 For over 250 years Quality and Innovation has been a Deerberg Tradition

Waste Management

Integrated Solutions for Ferries

DESIGN | SUPPLY | SERVICE | RETROFIT
 OF WASTE MANAGEMENT SYSTEMS FOR

Passenger and Cruise Ferries,
 RoRo and RoPax Ferries,
 and all other types of Ferries

Photo: Stena Line

Integrated Waste Management Solutions for Modern Ferries



Solutions for Solid Waste

For almost 30 years Deerberg-Systems has gathered valuable experience in Maritime Waste Handling. Based on this knowledge, we have selected a range of products that are especially suitable for use on ferries.

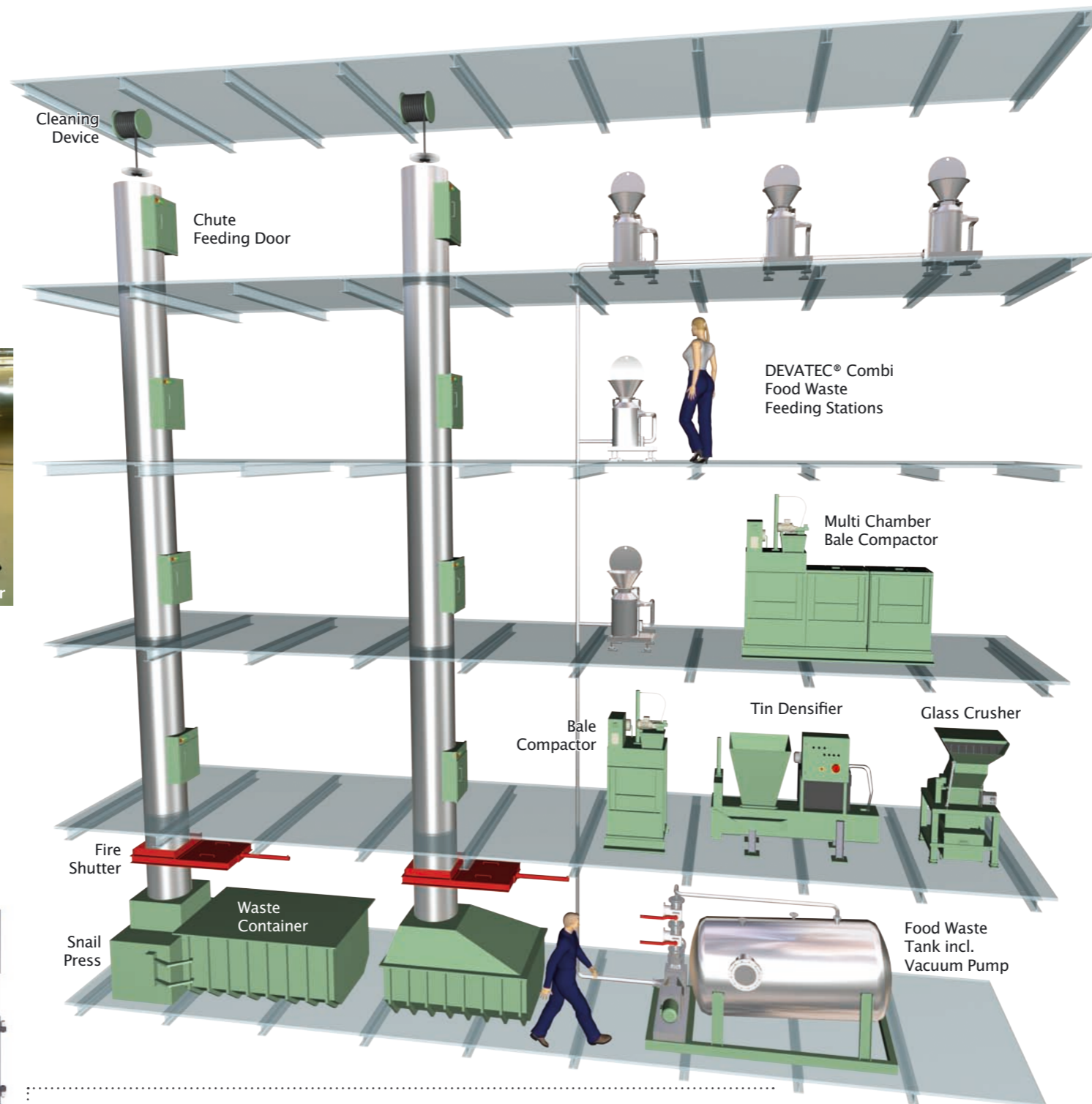
Our Solid Waste Treatment System is fully integrated and includes equipment for many types of garbage such as general waste, recyclables and linen. As Ferries mainly travel from port to port, the waste is generally collected by using centralized chutes. Deerberg offers a wide range of individual solutions depending on type and amount of waste as well as available space.



CHUTE SYSTEMS: The waste is fed via a feeding door into the chute and is stored in containers for later disposal in port. The waste can either be loosely collected or compacted with a special snail compactor. Also integrated shredders are available. In order to maintain the hygienic conditions the chutes can be equipped with a high-pressure cleaning device. For fire safety reasons the chutes can be equipped with A0-A60 insulation as well as fire shutters.



RECYCLING EQUIPMENT: For cases where chutes are not the right solution Deerberg offers a range of recycling equipment such as crushers for glass, tins or PET bottles and compactors (single or multi-chamber) for paper, cardboard and plastic.



Deerberg Ecological Cleaning Products

The new Deerberg Clean Line products are effective and economical and have been formulated to minimise the environmental impact. We are offering ecological products, intended for technical use: Sanitiser

for food waste feeding stations (pulper & vacuum) and a descaler to reduce and prevent scale build up in the black water pipes.



Solutions for Food Waste

For a new economic food waste handling Deerberg has developed DEVATEC® Combi - a compact food waste vacuum Transport and processing System. The system consists of feeding stations - located in galleys, pantries and preparation areas - equipped with integrated grinders. Small amounts of water are injected into the feeding hopper to ease maceration and homogenise the waste for transport. A pump creates the vacuum which is transporting the ground food waste to a storage tank. The tank is then emptied by a disposal truck in the ports.



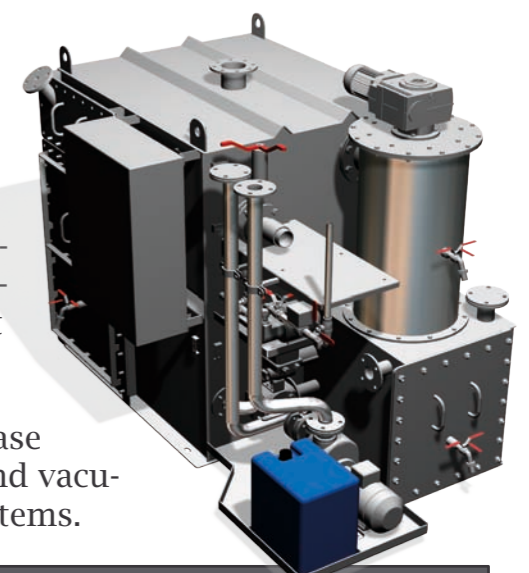
The DEVATEC® Combi system is characterised by its small space requirements, low water consumption, and its small pipe diameter of only 50-80 mm. Deerberg can of course also supply "standard" vacuum systems as well as pulper-water press systems.

DEVATEC® Combi Feeding Station. The food waste is ground and then transported by vacuum to the food waste tank.

Solutions for Waste Water

Advanced Waste Water Treatment:

Deerberg is offering modern waste water treatment systems (acc. to IMO MEPC 159(55)), grease separators and vacuum toilet systems.



158 LARGE PASSENGER VESSELS, 72 NAVY VESSELS, 27 YACHTS, 10 SPECIAL VESSELS AND 600+ MERCHANT VESSELS EQUIPPED FOR MORE THAN 250 YEARS QUALITY AND INNOVATION HAS BEEN A DEERBERG TRADITION