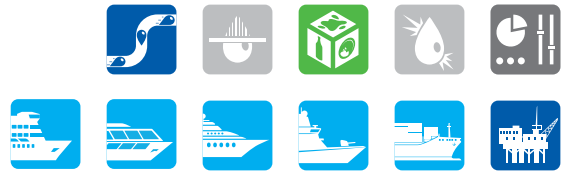




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# Evac food waste management vacuum system



## Benefits

- More cost efficient, with low water consumption compared to traditional disposal systems
- Flexible piping layout options thanks to smaller diameter piping
- Pressure control quickly reveals piping leakages or blockages
- Compact, skid-mounted system
- Automatic operation controlled via engine-room interface; can also be controlled from main automation system
- Continuous real-time information on holding tank level
- Safe to operate
- Complete food waste management system from one supplier



# Evac food waste management vacuum system

The Evac food waste collecting (FWC) and processing system is designed to handle food waste on board small and medium-size vessels.

The system uses reliable and highly efficient vacuum technology through a patented two-stage pump process, with, one pump for air and one for

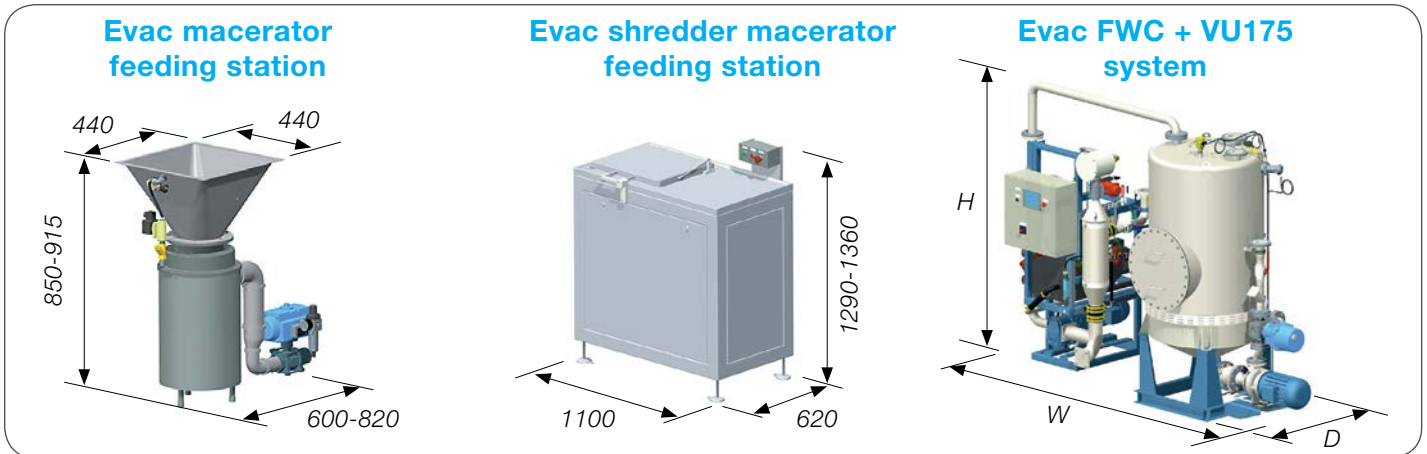
liquids. The system consists of three main units: macerator or shredder macerator feeding stations (MFSs), a vacuum unit, and a food waste tank. Food waste is macerated in the galley area. A small amount of water is added to create slurry, which is then collected in the food waste tank. The slurry is mixed using a discharge or

recycling pump, and then pumped overboard or to a collecting facility on shore, or further treated in a dewatering process.

Because the system is based on vacuum technology, it is possible to use piping with a small diameter (typically 50 or 60.3 mm).

Type	Holding capacity (m <sup>3</sup> )	Max. number of MFS	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
Evac FWC 0.6 + VU30	0.6	3	1850	1150	1900	550
Evac FWC 1 + VU175	1	6	3300	1250	2350	1000
Evac FWC 1 + VU30	1	3	3650	1450	2350	1100
Evac FWC 2 + VU175	2	6	1850	1150	2400	600
Evac FWC 2 + VU30	2	3	2200	1500	2400	700
Evac FWC 3.5 + VU175	3.5	6	2650	1950	2500	1000
Evac FWC 3.5 + VU30	3.5	3	4100	1900	2450	1400
Evac FWC 5 + VU175	5	3	4550	2350	2450	1600

Evac can also provide custom food waste collection and treatment systems for larger vessels such as cruise ships.



## Related products

1. Evac Optima 5 vacuum toilets
2. Evac OnlineVac vacuum generation unit
3. Evac EBU 35 H compactor
4. Evac MBR wastewater treatment membrane bioreactor



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Vacuum collection



Wastewater treatment



Dry and wet waste treatment\*



Fresh water generation



Systems automation

Evac Group is the world's leading provider of integrated waste-, wastewater-, and water management systems for the marine, offshore, and building industries. The company has executed over 20,000 marine, 1,500 offshore and 2,000 building projects worldwide. Evac has employees in Brazil, China, Finland, France, Germany, Korea, Norway and the USA, and representatives in more than 40 countries.

[www.evac.com](http://www.evac.com) / Our contact information at [www.evac.com/contacts](http://www.evac.com/contacts)

\* Sold under Bvac trademark for the building industry.

Representative