

SSVU50



LOIPART

MARINE GALLEY, LAUNDRY
& WASTE AREA SOLUTIONS



FOOD WASTE VACUUM SYSTEM

SSVU50

THE SYSTEM

Take care of your food waste with Loiparts automatic and water-saving system. The compact system and flexible piping make a retrofit easier and adapted to your needs.

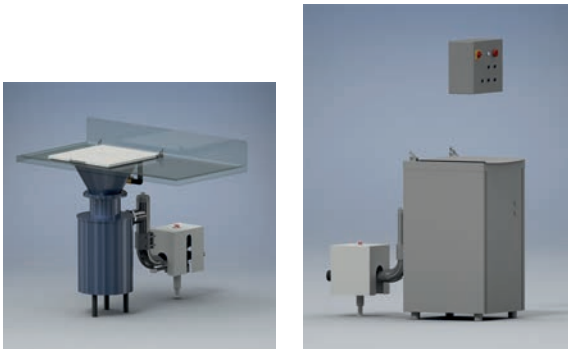
SSVU 50 Food Waste System is developed for small vacuum transport applications. The system consists of one or two feeding stations in the galley area, a vacuum pump, a holding tank and a control system.

Vacuum pump keeps vacuum on the piping between set limits. When a VDU 50 feeding station is in use, the vacuum pump starts to increase the vacuum level, which creates an efficient transport of food waste down to the holding tank (HTU).

The vacuum pump is specially designed for vacuum transport. All parts which are in contact with food waste are stainless steel or Ni-AL Bronze.

SSVU 50 is a small system especially suitable for retrofit cases where space and transport equipment inside the vessel are limited. The piping of the vacuum system is flexible with a dimension of 50mm.

“SSVU 50 is a small system especially suitable for retrofit”



VDU can be stand-alone or sink mounted versions depending on space requirements in the galley.

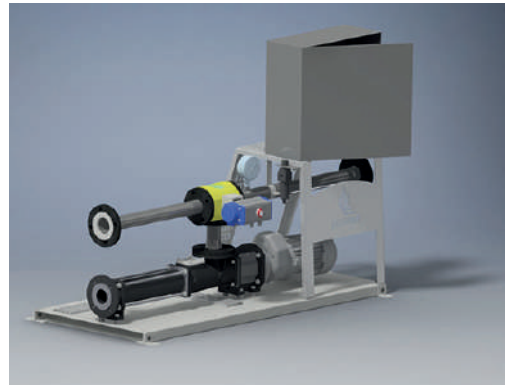
High power VDU can macerate bones and fish skins easily without any additional shredding unit.



HOW DOES IT WORK?

Food waste generated in the galley is fed in the VDU vacuum unit hopper and system is activated. VDU macerates food waste, and a small amount of water is added to create a slurry. The slurry is vacuum transported through the piping and collected into the holding tank (HTU). When the ship is in the area where overboard discharge is allowed, accumulated food waste is discharged overboard automatically when high level inside the tank is reached.

“accumulated food waste is discharged overboard automatically”



The volume of the holding tank is calculated based on the number of people on board and the maximum holding period. If necessary, the holding tank can be equipped with a separate discharge pump unit (DPU 50).



ADVANTAGES OF THE SYSTEM



Compact units and flexible piping with small diameter



Reliable construction with long-lasting materials



Low water consumption



Fully automatic and easy to use



The system communicates with the ship system MAS or ECR

WE MAKE LIFE ON BOARD COME ALIVE!



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