



High capacity food waste shredder

Features

- Shreds all types of food waste; bones, fish skins, etc
- High capacity
- Extremely durable shredder head in HARDOX steel
- Flexible integration possibilities
- For integration with food waste systems
- Automatic operation
- Electronic overload control
- Easy to install and maintain, safe to use
- User-friendly

Collection



Processing



The shredder includes a Local Macerator Unit/disposer (LMU) and is connected to the rest of the system to take care of bones and long fiber food waste material.

It is easily integrated into Uson Food Waste System (OWMS), to an existing gravity or dry vacuum system.

The shredder, hopper and stand are made of stainless steel for hygienic operation. The hopper has its own water supply through two water nozzles.

The stand and hopper can be designed to suit the application. The amount and timing of the water is automatically controlled by the same system as the shredder and the LMU. This is to avoid too much or too little water disrupting the system.

The shredded material is collected into a second hopper connected to the LMU.

The shredder has an electronic overload control. When overloaded the shredder reverses in order to turn the material, then starts again.

It is equipped with an easy-to-use feeding hopper and its compact design makes it easy to fit into tight compartments.

Accessories:

- Discharge pump

About Uson Marine

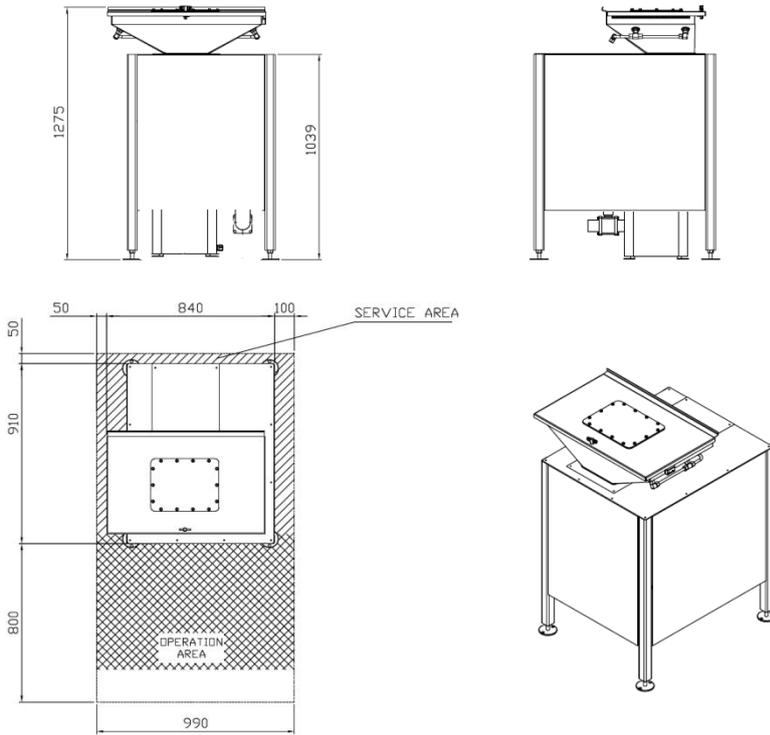
Uson Marine has been a leading provider of sustainable waste management systems for the maritime and offshore industry since 1983. We help our customers reduce the environmental impact of their operations and thus improve their environmental profile. This, in turn, contributes to securing and increasing their long-term revenue.

We have the solutions, know-how and experience to help our customers minimize the cost and labour of waste handling onboard their rig or vessel, and ensure that they comply with the relevant rules and regulations. We support our customers at every stage, including: surveys, design, installation, commissioning and training of the crew.

Uson Marine is certified for ISO 9001 & 14001 by DNV and certified in Achilles Joint Qualification System (www.achilles.com)



Example drawing*:



Technical data:

Dimensions	
Height	1 251 mm
Width	874 mm
Depth	1 039 mm
Service height	1 741 mm
Net weight 405 kg	
Flanges (PN10)	
Discharge	DN50/Adaptable
Ventilation	DN 50
Voltage, Rating, Rated current	
3 x 220-690 V, 50/60 Hz, 5.2/6.2 kW	
Fuse	16 A (delayed)
Cable	4 x 2,5 mm ²
IP Class	54
Material	Stainless steel AISI 316L
Electrical syst. IEC 60092 compliant	
DNV Maritime Verification report	
Excellent	
Good	

*) Variations to height occur depending on type of installation

Mini food waste shredder teeth:



Food waste	
Galley grey water	
Cooking oil	
Food contaminated	
Linen	
Hazardous waste	
Dust	
General waste	
Soft plastic	
Hard plastic	
Metal tins & cans	
Glass	
Cardboard	
Wood	
Paper	
Chemical sacks	

Related products:

OWMS



Food waste System

UD-100



Dewatering Unit

UGS



Grease Separator

UKP-6060



Refrigerated Compactor

URB-3



Refrigerated Bale Storage