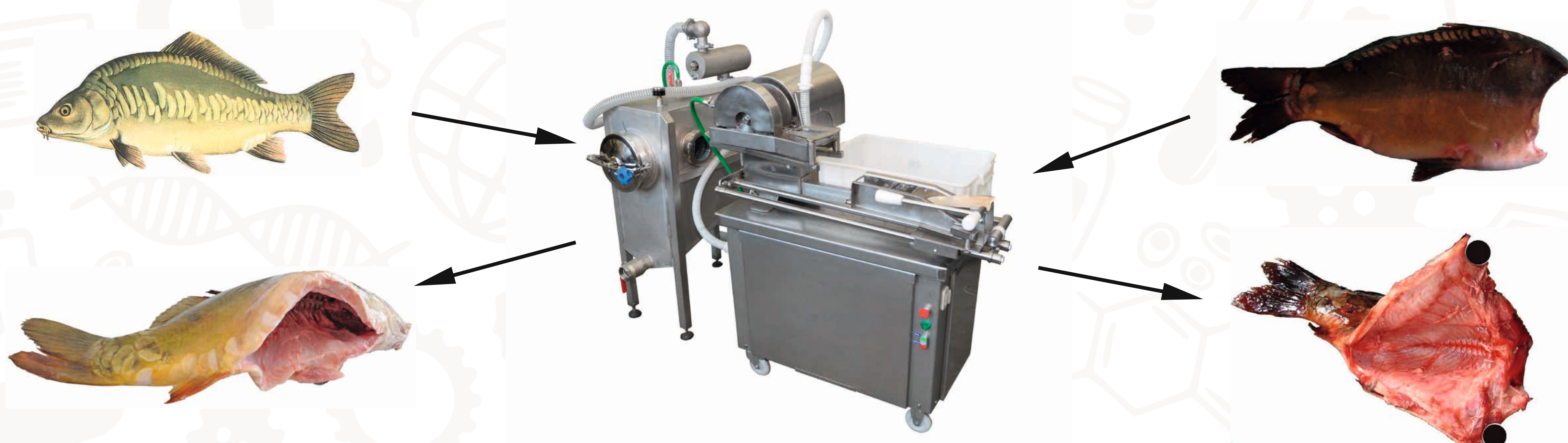


# Vacuum gutting machine for whole or deheaded carps and other cyprinids



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The subject of the invention is a vacuum gutting machine for whole or deheaded cyprinid fish, designed for operation in small processing units and in mobile container processing units.

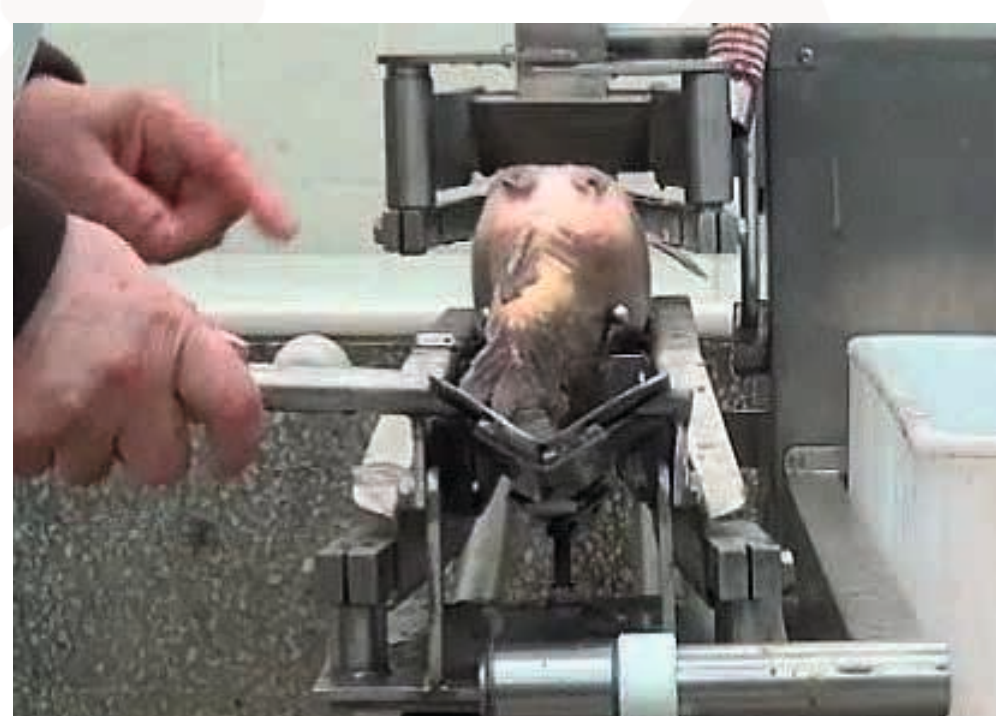


It possesses a modular structure which consists of three modules:

**1. small an abdominal cutting module**  
(LxBxH: 1050x650x455 mm)

**2. bowel suction module**  
(vacuum pump, suction  
nozzle is visible above)

**3. tank for the removed viscera**



1.

2.

3.



4.

5.

1. loading
2. cutting
3. opened abdominal cavity
4. sucking
5. unloading

**Such a structure of the device enables any spatial configuration for the individual modules.**

As an example, when the surface area of a processing site is limited, the bowel suction module and the waste tank module, connected with flexible hoses, can be placed outside that site. Then, the only module remaining in the site would be the abdominal cutting module and the bowel suction nozzle, also connected with a flexible hose to the vacuum pump. Evisceration in the device consists of two classic procedures - cutting abdominal to the anal opening and removing the contents of the abdominal cavity. The typically performed mechanical removal of the viscera has been replaced with subjecting the viscera to suction. Such a system of evisceration enables the rapid and clean removal of the abdominal cavity contents outside of the processing stand. On the other hand, the use of a mobile cart in the eviscerator facilitates the transport of fish between the abdominal cutting and cleaning modules.