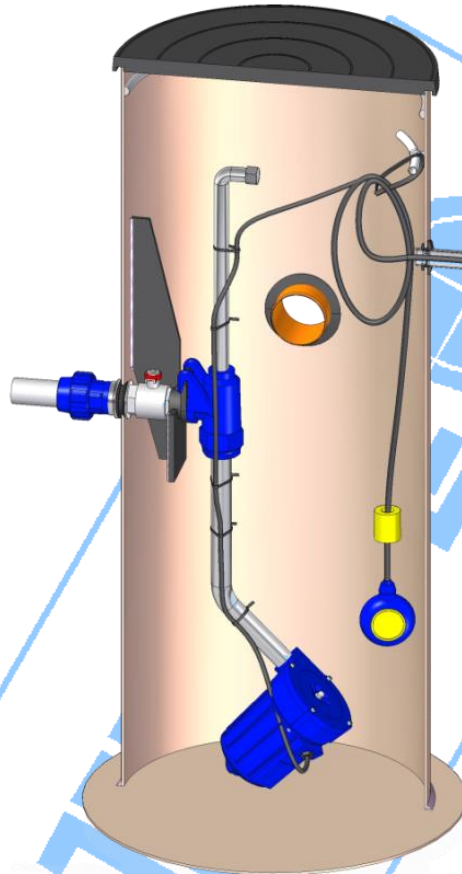


## HIDRO H Multifunctional pumping stations

HA-NR technology



**The multifunctional system and the pump provides with a more advanced technology in the sewage conveying.**

The blender-shredder unit looks to the bottom of the sewage room. The hydraulic unit is placed at the top. The sewage is blended at the lower part, and it is pumped at the upper part, so the floating-up materials (greases, oils,...) in the shaft are conveyed away continuously, they can not accumulate. The sewage can be kept fresh during the conveying. The sediment is blended, homogenized by the multifunctional pump. The floating-up materials are skimmed, the sedimentation and clogging of the greases and other materials can be avoided. The frequency of blending and aeration can be assured in regular periods, independently from the sewage-inflow. The shredding of the lumpy, fibrous materials is made by deterioration in an indirect way, that is why:

- the shredding power requirement is smaller,
- the processes are softer,
- it is not sensible for the abrasive materials,
- a significant lifetime increase can be achieved.

Because of the sewage convey from above:

- the risk of clogging or getting stuck is reduced,
- the dry run of the pump is excluded.

**The need of human attendance is reduced on a minimum level.  
(The pump should be protected from channel-foreign materials.)**