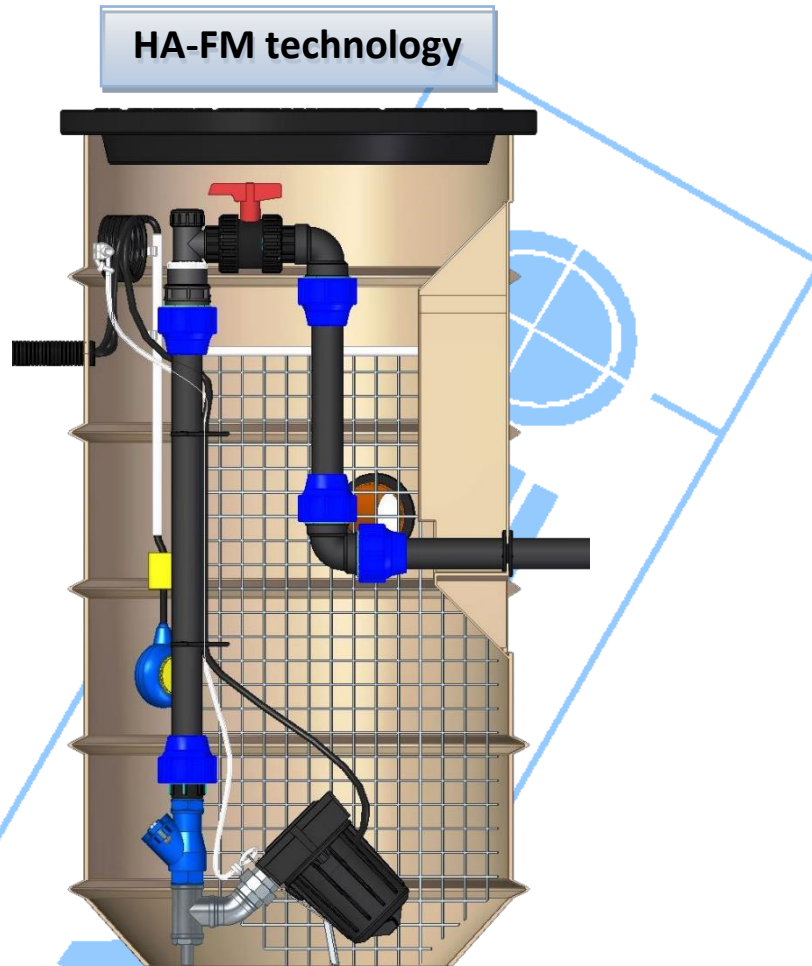


## HIDRO H

### Portable sewage pumping stations of high operation safety and of reduced human intervention need



**The multifunctional, phase-separating, portable system assures a more advanced and safer technology in conveying sewage.**

The applied phase-separator protects against channel-foreign materials. Human intervention need is reduced to minimum. 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 multifunctional pump blends the sediment, homogenizes, skims the floating-up materials. The sedimentation and clogging of the greases and other materials can be avoided. The channel-foreign organic matters are discharged through the grid by the strong blending effect of the multifunctional pump. The frequency of blending and aeration can be assured in regular periods, independently of the sewage in-flow. The multifunctional pump is controlled by a timing program adjustable optionally. 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.**