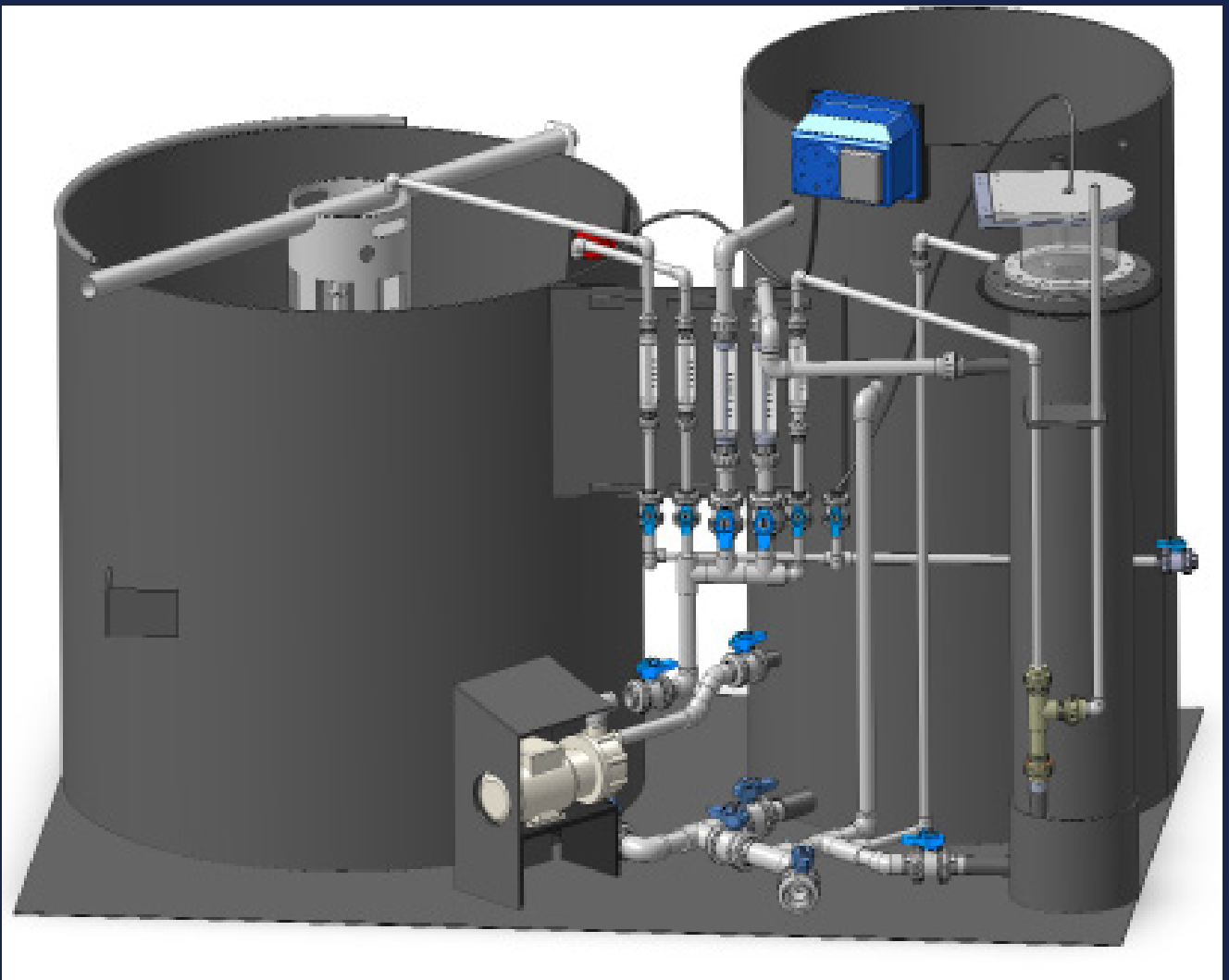
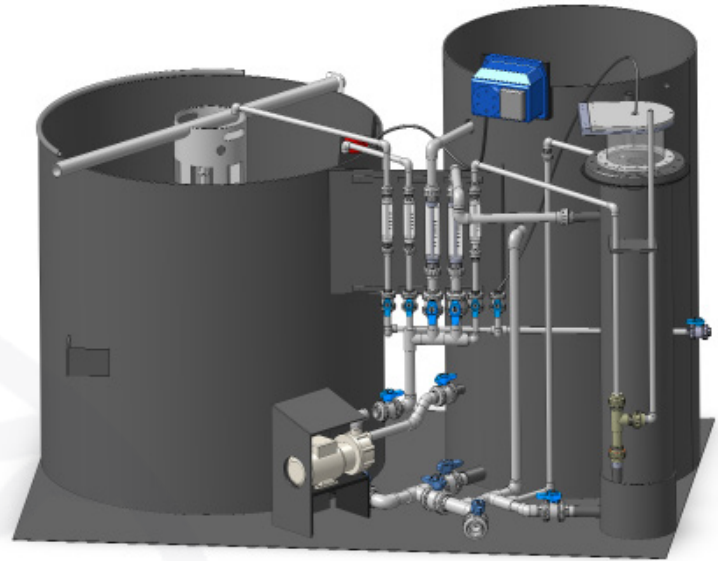


Turn-key RAS intensive rotifer production System



Le Rotiras : Turn-Key Recirculated Intensive Rotifer Production System



Self cleaning central

- Easy to remove and put back.
- 40-60 μ m screen.
- Aération.

Culture tank

- 1000 litres.

Heating system

- Regulated by thermostat.

Flowmeters panel

- To regulate the system easily.

Recirculation pump

- Keep water parameters stable.
- 200 l/h $\leftrightarrow$ 20 %/h.
- Avoid dead zone.

Biofilter Tank

- Top-grade plastic bio-media.
- Prevent build-up of ammoniac and nitrites.

Floc traps

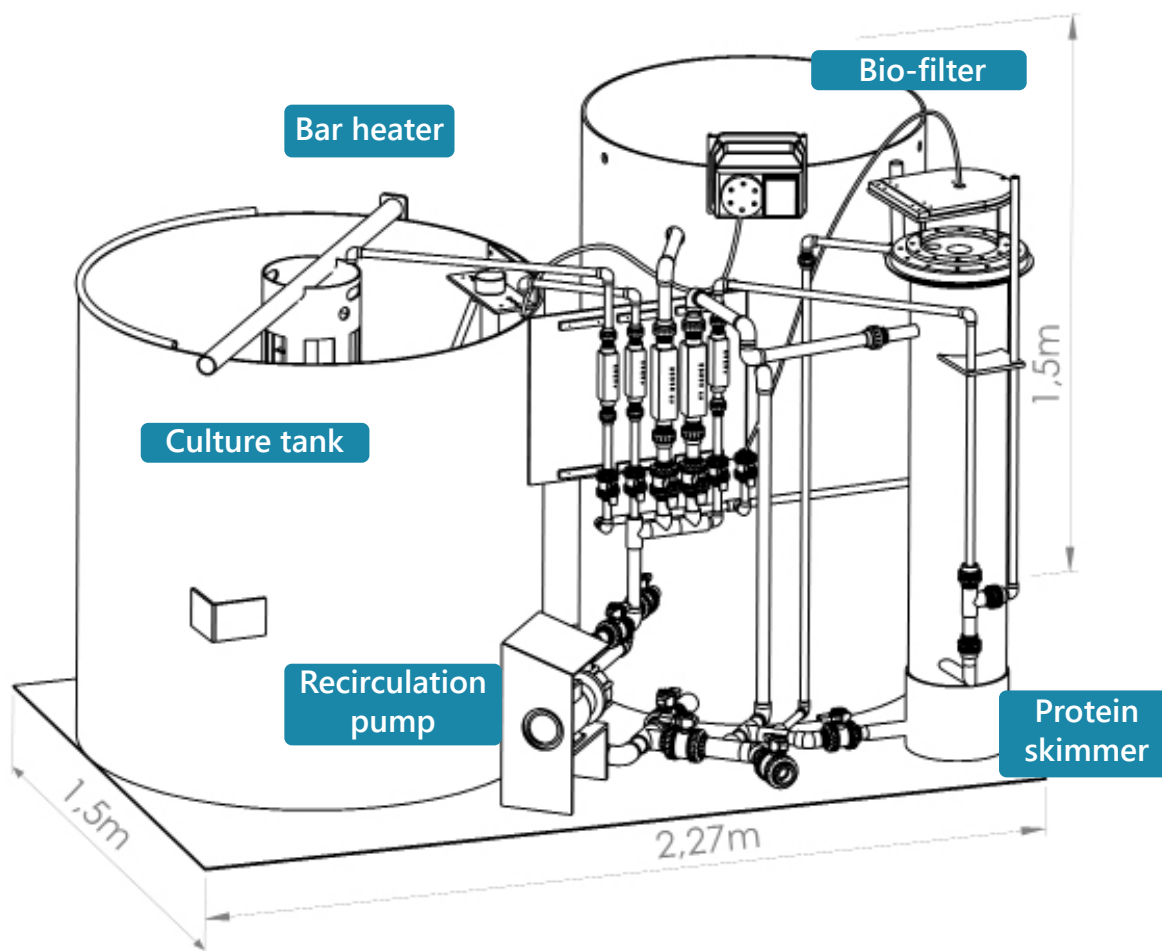
- Mechanical filtration.

Harvest & feeding systems

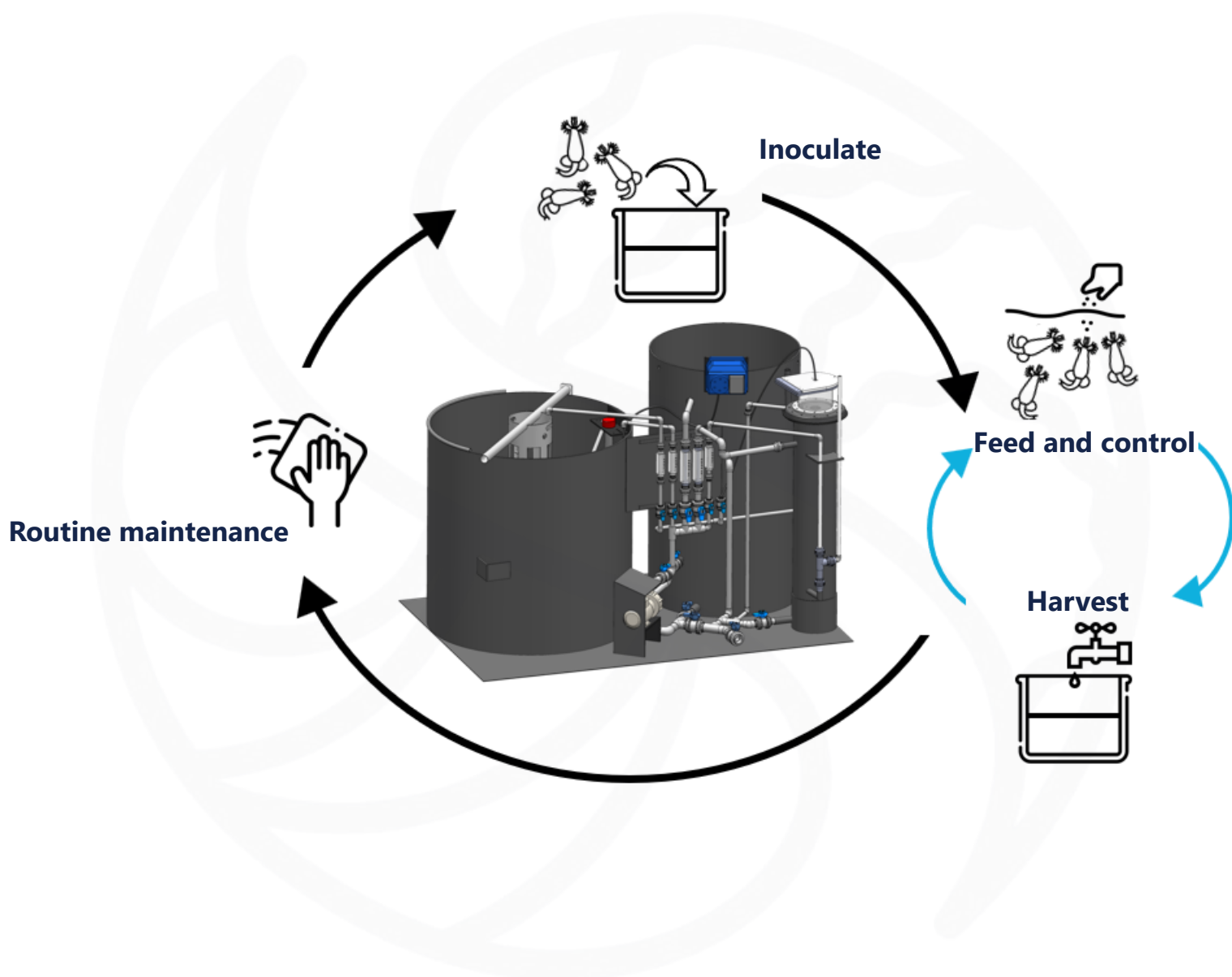
- Continuous harvest via diaphragm pump.
- Feeding done by peristaltic pump.

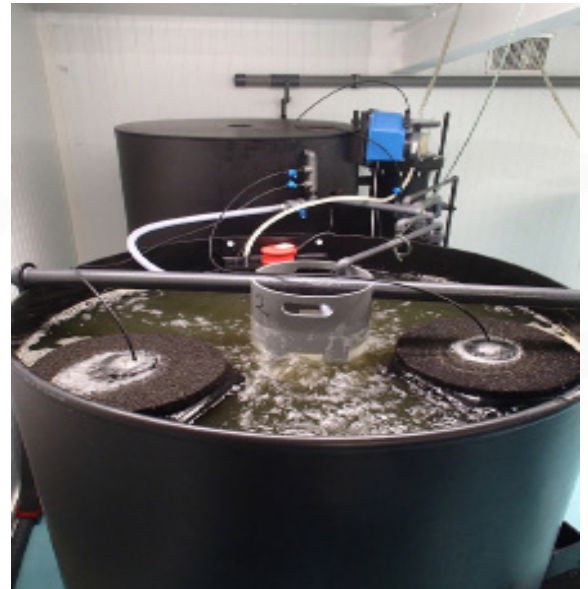
Protein skimmer

- Strip small particles (< 20 m).
- Treats bio-filter water several times per hour.



Overall dimensions	2,3x1,5x1,6	Water consumption required	0,5 -1,5
Unloaded	200	Pressure required	6 m3/h
Culture volume	1000 litres	Bio-media	200 mbar
Water volume	1600 litres	Water volume	2 kW
Max power consumption	2 kW	Rotifere production	1 billion/day
Recirculation rate	5-6 m3/h		





Continuous production

Average expected harvest up to 1 billion rotifers per day. In normal conditions, daily productivity is ranging from 30 % to 70 % of the total culture volume at an average density of 2,000 rotifers/ml.

Robust, it asks low maintenance

The structure is made mainly on recyclable HDPE. It's support load and is resistant to the shocks.

Supplied with SOPs and Technical assistance

Standard Operating Protocols are supplied with the RotiRAS. Moreover short, medium or long terms Technical Assistances are available upon request. Just call **Jérôme Bosmans**.