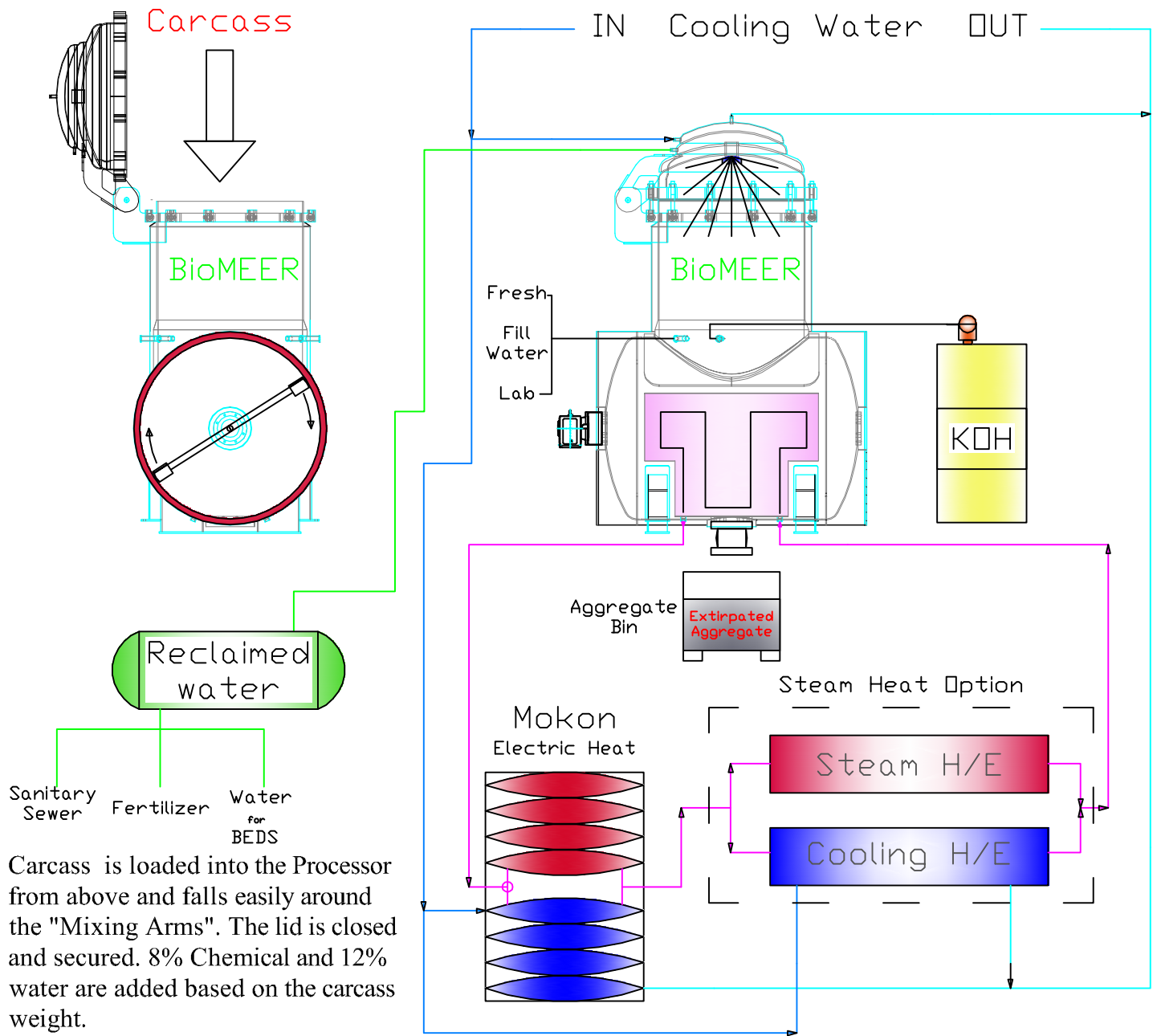


Hydrol-Pro Technologies, Inc.



Carcass is loaded into the Processor from above and falls easily around the "Mixing Arms". The lid is closed and secured. 8% Chemical and 12% water are added based on the carcass weight.

The process starts with a push of a button. The temperature and pressure increase to set point. The paddles are intermittently turned on and off after a period of hydrolysis and softening of tissues and bones. This ensures proper mixing and exposure, but also reduces foaming and loss of chemical. After a brief cook period, the transfer of water from the effluent begins. The distillation lids allow for quick, clean, water removal. Transferring under pressure at elevated temperatures allows a quick, clean product to be removed. Circulating Hot Oil is used to heat the vessel in lieu of steam. This reduces thermal stresses which shorten vessel life as when steam is used. The Hot Oil also allows us a variety of fuel possibilities. By having the ability to utilize steam, natural gas, propane, oil, diesel, and electric we are much more adaptive than previous technologies. When the parameters are successfully completed the unit automatically cools to discharge values and holds for operator interface. By using Heat exchangers to change temperatures we insure the integrity and long life of the vessel.

Note: A "wet" discharge system is available, also with improved energy and chemical consumption.