

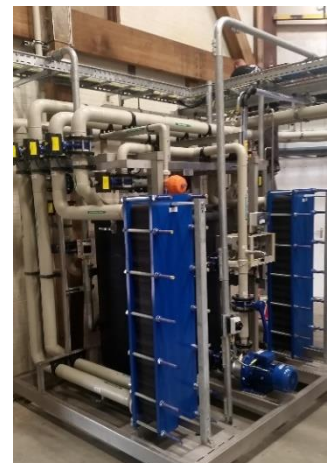
# WASTE WATER TREATMENT WITH FLOTATION

#RENTAL  
#WATER-REUSE

For a client in the food industry, Logisticon Water Treatment has been able to replace their outdated wastewater treatment plant (WWTP). The old installation was demolished and a complete new installation was built at the same location. During the demolition and new construction, a temporary mobile rental WWTP was used, supplied by Logisticon Mobile Rental Solutions. This allowed clients production in the factory to continue unhindered throughout the entire conversion period. The entire project (from design to start-up of the new installation) was completed rapidly and without any problems within 8 months.

20 m<sup>3</sup>/h and a maximum capacity of 32 m<sup>3</sup>/h. The heart of the installation is the flotation unit. Small air bubbles are introduced into the waste water, which will be attached to the pollution and then rise in the flotation unit. The floating layer is removed from the surface of the water with a skimming device. The installation also consists of a new supply system with mixed buffer, a neutralization tank and a redundant cooling system with automatic cleaning in place (CIP) for the plate heat exchangers. In addition, the chemical dosage has also been completely renewed. The chemical storage and dosing now meets the latest safety and environmental BRL K904 standards.

The fatty waste water is clarified in the new WWTP with a nominal capacity of



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