

# Industrial Waste-Water Treatment

Treat the pollution at the source



- Turn by-product into money
- Less odor problems
- Modular & compact
- (DAF) Dissolved Air Flootation
- Small footprint



# Easy Waste-Water Treatment

## Save cost, with the benefits of using the By-product

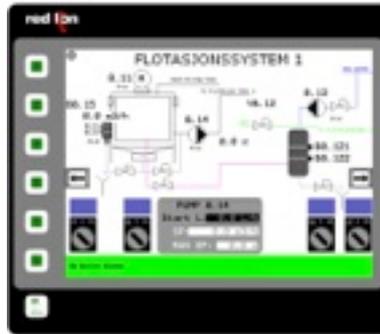


Trust began introducing the drum filter 1979 to the fish industry in Iceland, after that came many different types of conveyor filter, drums and flotation system for the food industry.

With our wide experience in processing and treatment of by-products, we have developed a line for greener waste-water treatment for the food industry. We emphasize the importance of separating the waste directly after each process to make it possible to get highest value from the by-product. This has advantages compared to the traditional treatment where all the volume is mixed in one big pipe, making it impossible to treat without chemicals.

### Easy-Con: Wide range of Filtration

- Saves cost by turning the By-product in value.
- By-product is cleaner (EU Directives)
- Cleaner environment
- Higher prices for By-product



Touch screen user-friendly interface



Gravity Flotation

### Easy-Sep: Separation - Filtration

- Separate solid from Wastewater Filtration of Wastewater
- Reduce solution in waste water

### Easy-Flot: Separation - Filtration - Flotation

- All functions in one unit - compact Small footprint
- Easy to install -tested and ready to run
- Easy to transport
- Easy to maintain and clean
- Standard units 80m<sup>3</sup>/h - 50m<sup>3</sup>/h - 20m<sup>3</sup>/h - 10m<sup>3</sup>/h
- With or without Chemical Treatment
- Minimal chemical need after filtration
- Innovation in Micro Bubble Generator saves energy
- Innovation in Micro Bubble Generator saves investment



Parabolic Screen



Dissolved Air Flotation



Easy-Con Filter



Easy-Sep Filter



Easy-Flot System

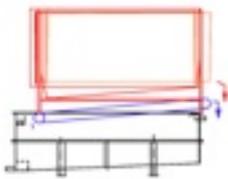
# Advanced Easy-Float System

Less or no chemicals & less sludge



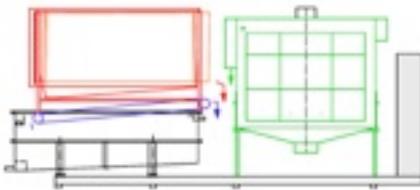
## 1) Easy-Con

Filtration at source by separation directly after processing instead of allowing suspension in the waste water pipe line. By newest EU directives by-product can be used for human or pet food industry. Automatic control of spray cleaning and speed of the micro filter belt.



## 2) Easy-Sep

Separation and filtration by separating solids from the waste water followed by finer filtration. Unit is easy to transport, clean and maintain. Water spray cleaning system. Pump system for solid. Automatic system for Pre-Treatment of waste water before entering the final treatment with Easy-Flot system.



## 3) Easy-Float

Separation, filtration and floatation in one modular unit. Automatic and compact Waste Water Treatment System. Delivered complete and tested in our workshop therefore easy to install. Revolutionary new Micro Bubble system maximizes reduction of value of COD (Chemical oxygen demand) and TSS (Total suspended solid), normally measured in mg/l.

## Benefits:

- Cleaner waste-water
- Cleaner By-product
- Less or no chemicals & less sludge
- Less odor problems
- Shorter pipe system for pollution source to treat
- Cleaner technology with compact hygienic modular system units
- Cost saving system
- Ph control (Optional)
- Control monitoring sample system (Optional)
- Software for analyses (Optional)
- Material: Stainless steel
- User-friendly touch screen
- User-friendly interface
- Ethernet connection



Easy-Con Filter

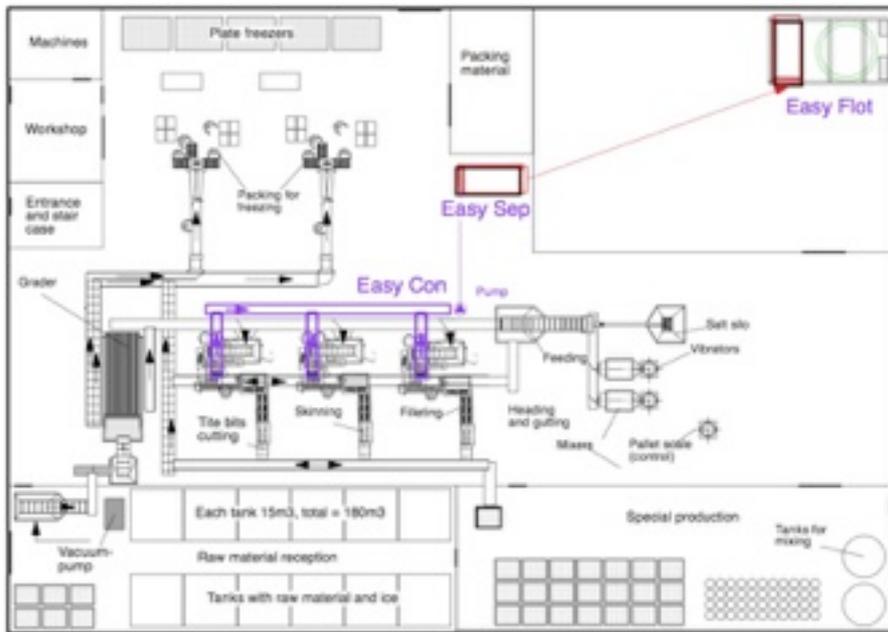


Rotary Screen



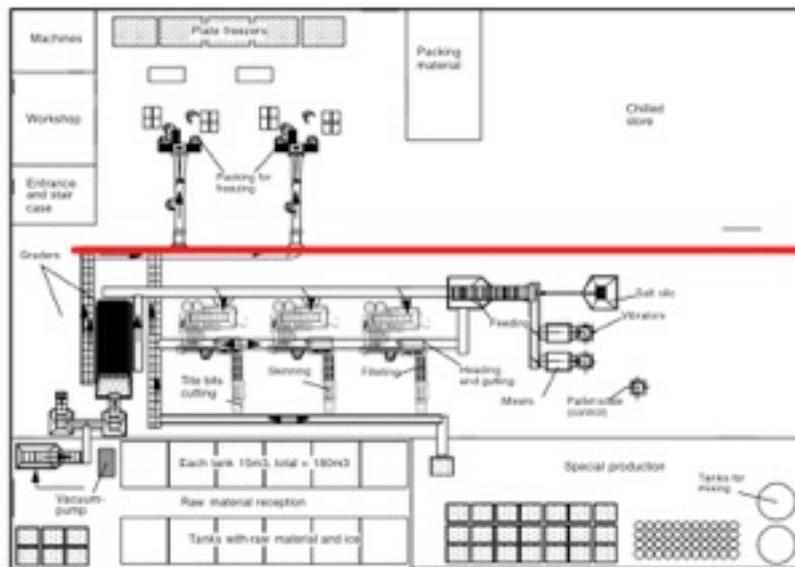
Water treatment equipment truck load

# Waste-Water Treatment



**Easy Treatment** of waste-water is a new trend. New directives in EU advise treating the waste-water at the source directly after each operation with the aim to use the by-product for human or pet food. By treating at source with Easy Treatment **The key features are as:**

- Increased by-product value
- Cleaner wastewater
- Less chemicals and sludge
- Less odor problems
- Modular units in and adjust after processing
- Compact modules delivered tested
- Less pollution



## Conventional Treatment of Waste Water:

All effluent is collected to one big pipe. Conventional systems are big, difficult to run and costly to transport. Need separate buildings and local installation. Conventional treatment plants have high manpower and chemical cost. They generate large amounts of useless chemical sludge from all the organic material. Cost money to transport, treat and generate pollution at other places. Conventional treatment plants are not environmental friendly and have odor problems.

*Water Management consultation.*

*Lower your investment in Waste Water Treatment equipment by reducing water use and consumption.*

### Optimize your investment with custom-made solutions

Traust technology, LLC., has been a leader in the development of processing equipment for over 30 years. Our qualified team of engineers, with years of experience, has designed, developed and installed complete processing plants as well as stand alone systems to suit the exact needs of processors around the world

