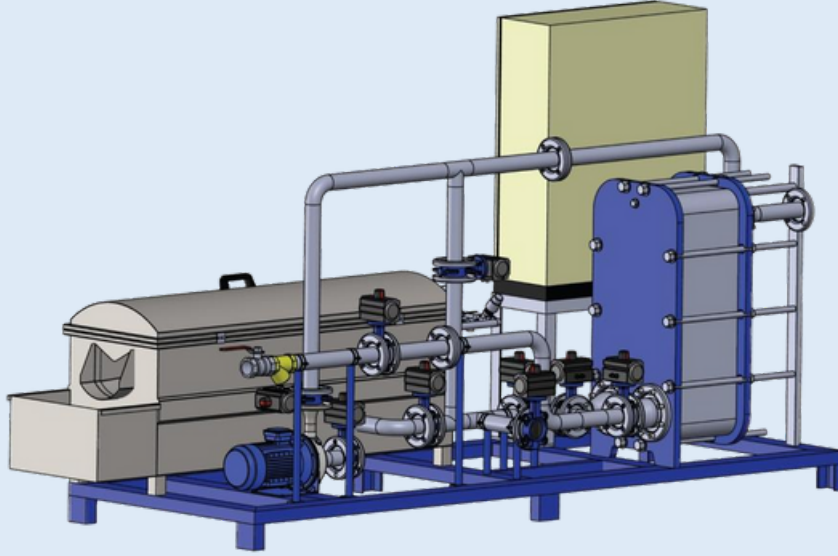


## Dye House Waste Water Energy Recovery System



- ErkaMaX recover 80-90 % of waste energy
- The system provides the temperature of fresh water used waste water 5°C lower than waste water.
- ErkaMaX Energy recovery system prepares hot fresh water using waste water energy.
- This ready hot water;
- May use in Bleaching....  
in Dyeing process...  
in washing process, in rinsing process
- And in steam boiler
- Thus, the amount of the consumed fuel and waiting time in the heating process decrease.
- ErkaMaX System provides saving up to %15-30 of fuel in textile dye house.
- ErkaMaX System producing capacity up to %10-25 (If the dyeing machine doesn't reserve tank)
- High Performance S type free flow heat exchanger
- Powerful fiber filtration (Rotary Filter Tube Filter)
- Produced by AISIS 304 Stainless Still safe pipe line and resist to high pressure
- Digital control panel (PLC+SCADA)
- Easy maintenance and operation
- Working phase controlling by digital control
- Compact and small area
- Automatic back washing systems
- Low kW pump with in inverter
- Max efficiency, minimum heat loosing.
- Saving energy recording and reporting



### T 700

- Suitable for continue bleaching and continue washing
- May establish nearby to bleaching machine
- Not need to storage tanks
- Require to small area

## ROTARY FILTER

**Textile Dye House Waste Water  
Fiber and Particle Filtration**

Capacity 80 t/h

Particle holding >120 micron

