

WEXY

RECOVER THE HEAT FLOW AND REUSE IT TO:

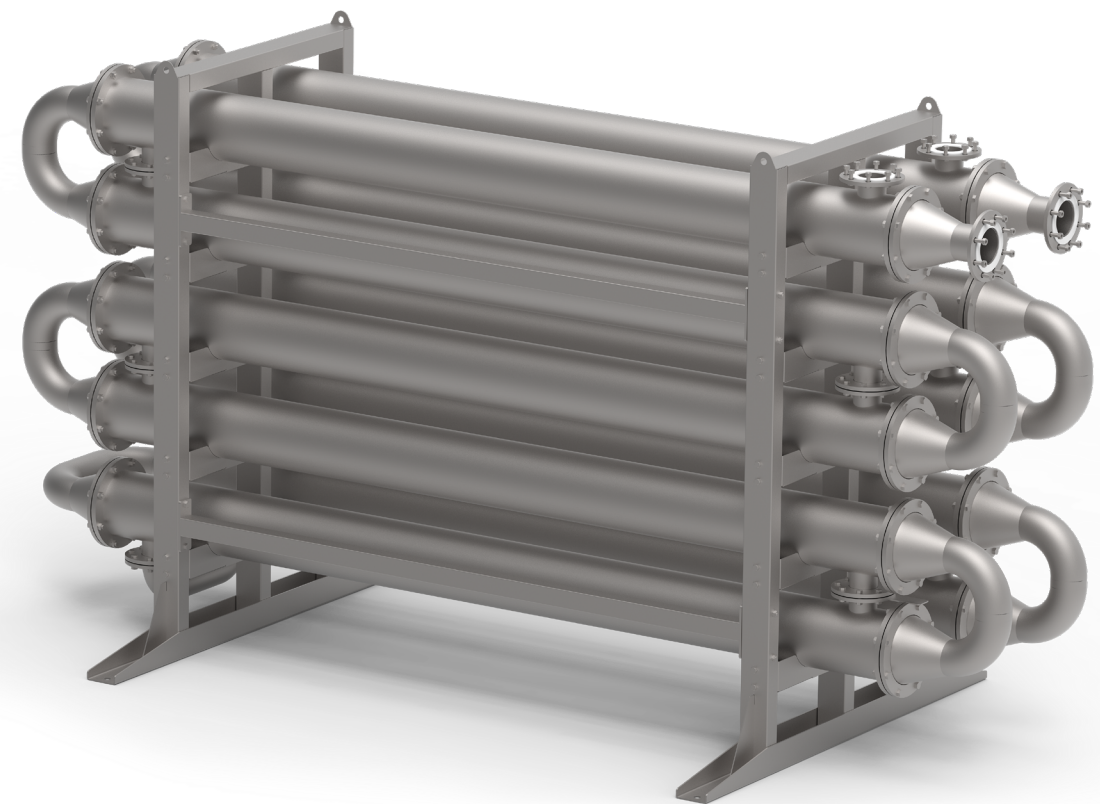
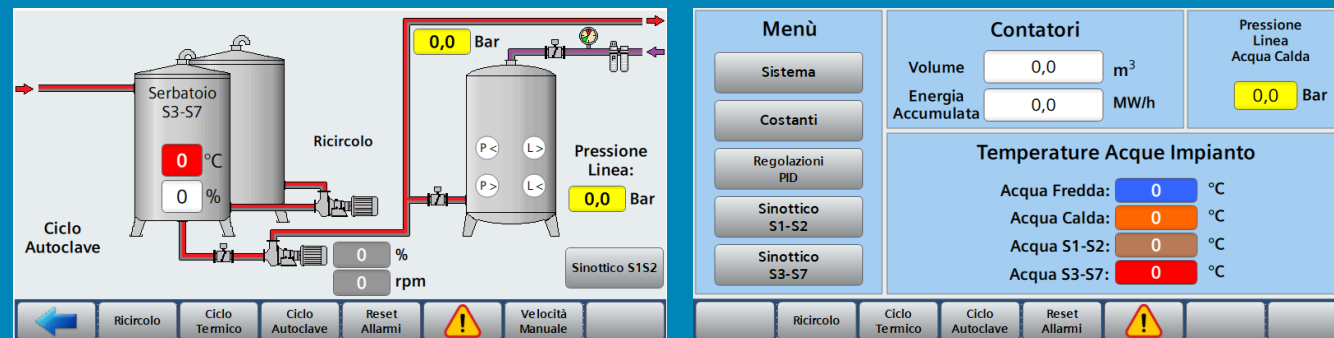
- improve overall **energy efficiency**
- raise **industrial sustainability**
- optimise production processes:
enhancing overall **efficiency** and faster production times
- reduce **environmental impact**
- **lessen emissions** (greenhouse gases and pollution)
- **economize** on bacterial ETP operating costs
- **save money**

HEAT RECOVERY SYSTEM

THE OPTIONAL PLC CONTROL CABINET ALLOWS TO MEASURE:

the **RECOVERED KGCAL** and thus have an evidence of the **HEAT SAVINGS**

the **WATER FLOW RATE** and **TEMPERATURE** (both waste/soft water)



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ACIMIT
ITALIAN TEXTILE MACHINERY

LAIIP
Italian Dyeing Technology SINCE 1958

HEAT RECOVERY SYSTEM



APPLICATION:

- on **continuous** on washing range
- on **discontinuous** as recovery of hot water drains from dyehouse
- for **water purification** system at controlled temperature
- on **bacterial ETP**

INSTALLATION:

Thermal exchangers are installed on a stainless steel structure fitted with supports for ground mounting. Assembled in series in various numbers, based on the amount of hot water to be treated and the amount of heat to be recovered.

TUBE BUNDLE HEAT EXCHANGERS

Set made from stainless steel 316 for generated by preparatory, after-print and dyeing phases. The dirty hot water flows inside the tube bundle; clean cold water, to be heated, flows counter-current in the jacket.

WATER OUTPUT:

- can be fed back into the production cycle
- is distilled/purified, has no limescale, can be used in the boiler

Recover and reuse thermal wastewater to improve energy efficiency

ADVANTAGES:

- no maintenance required
- sizes according to space needs
- easy installation
- compliant with CE/PED safety regulations

