In the field of laundries, UHS has developed and supplied to its customers, over the years, a system for optimum energy saving.

Most laundries produce waste heat of different temperature levels and states, which is not used to advantage in many cases.

UHS views the different laundry processes under the holistic aspects of energy optimization.

The task here is to substantially reduce the specific energy consumption without interfering with the laundry process or the laundering quality.

We offer heat exchangers specially for this industry:

Components: Tube heat exchangers

- C-Tube (coiled tube heat exchanger) : Steam systems, condensation of flash steam
- M-Tube (tube-in-tube twisted tube heat exchanger) : Process waste water, strongly soiled process waste water with a high solid fraction

- P-Tube (tube bundle heat exchanger) : Steam systems, system separation, hot water preparation, condensation, heat recovery, exhaust, preheating of feed water

- X-Tube Boxer (self-cleaning gas/water heat exchanger) : Mangle exhaust air with strong wax fouling

Components: Plate-type heat exchanger

- B-Plate (brazed plate-type heat exchanger) : Preheating, hot water preparation, system

separation

- G-Plate (sealed plate-type heat exchanger) : Preheating, heat recovery

- V-Plate (air/air crossflow plate-type heat exchanger) : Heat recovery from drying processes

Systems: customized

- Waste water heat recovery systems, e.g. with monitoring and controling the waste water influx temperature
- Heat recovery system with a storage tank to guarantee constant fresh water temperatures
- Control of individual machines with different rinsing water temperatures
- Tempering of washing liquor

- Regulated condensaterecooling

Systems: Waste water heat recovery for small units

- MI-4000 (complete turn-key heat recovery system)

- Stratified fresh water storage tanks

Besides, we also provide individual solutions to every customer's needs. In addition to the sale of components, we are also specialists in the installation of complete heat recovery systems on turn-key basis.