Air-Water heat recovery

High performance air to water heat recovery system for exhaust air systems, stenter frames and driers

System Koenig
Manufacturing processes can produce large volumes of waste heat, in the form of exhaust air. Luwa can recover most of this energy loss with intelligent heat recovery systems, thereby achieving big savings in energy costs.

**Heat exchanger**
Shell-and-tube heat exchangers, either controlled or uncontrolled, are much less susceptible to effluent pollution than plate heat exchangers. Made of stainless steels, depending on the water composition.

**Control system**
No matter whether systems for batch or continuous machines are in use, the control systems always attain optimum conditions, taking into account water flow rates, target temperatures and other selected parameters. The controls also calculate the amounts of saved energy.

**System integration**
Our engineers are taking special care to integrate each heat exchanger into your process requirements. Functionality and performance of your stenter frame will not be affected by the heat recovery system.

**Advantages**
- Short time for return of investment
- Special steel for longest live time
- Low maintenance due to automatic cleaning
- Control system for optimum utilization
- Up to 4 stenters for 1 heat exchanger

Luwa Air Engineering, Luwa (UK) Ltd, Wrigley Street, Oldham, Lancs, OL4 1HN
Phone +44 (0) 161 624 8185
Fax +44 (0) 161 626 4609
www.luwa.co.uk