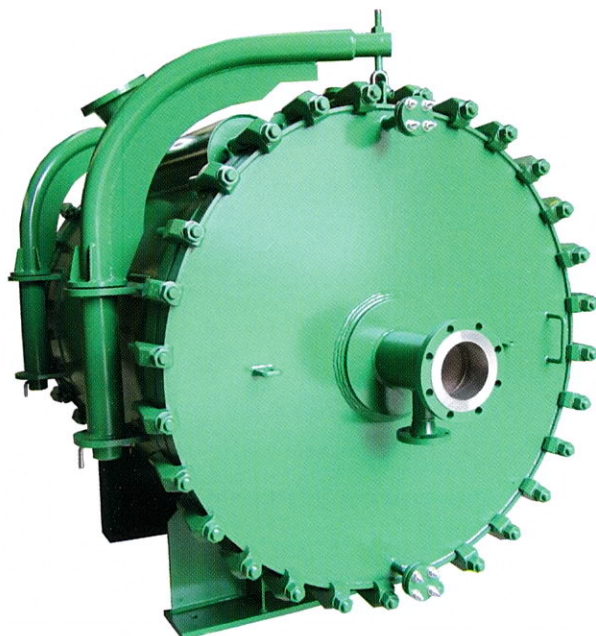




# Spiral Plate Heat Exchanger

Solution provider to reduce your energy consumption and optimize your processes.



## Know How

Nexson Group design and manufacture various models of spiral plate heat exchangers for pulp and paper industry. 25 years experience and succesfull worldwide references, we can help you in your new project needs or Drop in replacement of all brand spiral heat exchangers as well as reconditioning and spare parts.

## Benefits

### UNIQUE and RELIABLE DESIGN

The spiral Plate Heat Exchanger (SPHE) present in the P&P for almost a century, has proven to be the most efficient and reliable solution for handling fluids containing fibers and suspended particles.

### SELF CLEANING

Single channel combined with turbulent flow allows self cleaning of the spiral heat exchanger. The removable covers that can be supported with hinges makes easy maintenance and inspection operations.

### ENERGY SAVING

Countercurrent flow circulation makes it ~ 4 times more efficient than traditional shell & tube Heat exchanger.

### COMPACT

Compact shape easy to install and operate.

## Solutions

Nexson Group SAS provides a large range of Spiral Plate Heat Exchanger (SPHE), for Pulp and Paper plants

### HEAT RECOVERY

- White water / process water
- Foul condensate stripper / heat recovery

### HEATING

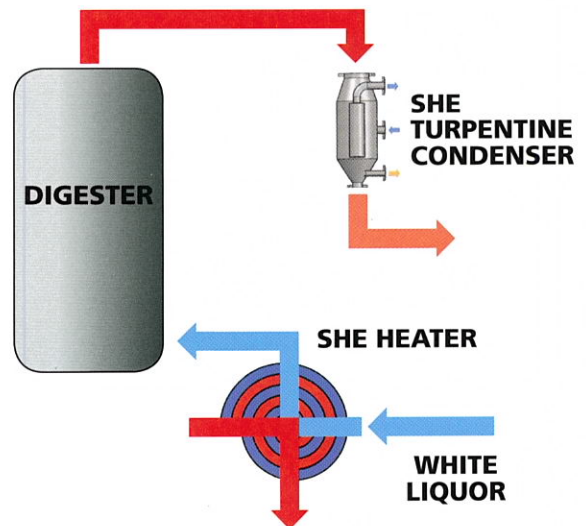
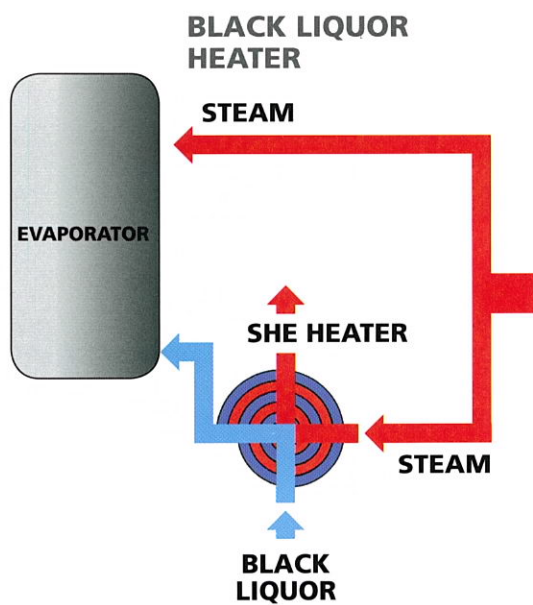
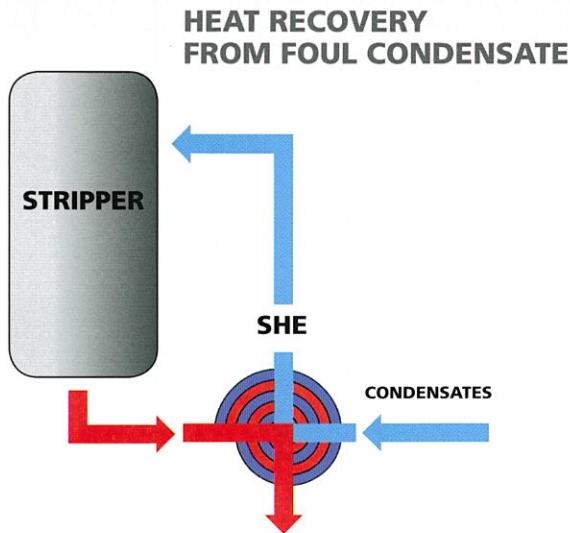
- White liquor
- Black liquor

### COOLING

- Green liquor
- Thin liquor

### CONDENSING

- Turpentine condenser
- Vent condenser



**MATERIALS**  
 P265 GH /SA516Gr60 OR 70  
 304L 316L DUPLEX  
 904L 254SMO  
 NICKEL ALLOYS TITANIUM

**CAPACITY**  
 Plate Area up to 600 m<sup>2</sup>  
 Channel height : 5 mm to 32 mm  
 Design pressure : Full Vaccum / 60 Barg  
 Design temperature : -60°/450°C

## Customer benefits

- > **ENERGY SAVING**
- > **COMPACTNESS**
- > **EASY INSTALLATION AND MAINTENANCE**
- > **RELIABILITY**
- > **LOW MAINTENANCE COSTS**
- > **PEACE OF MIND**

