

InKorr

This product is represented in Australia, New Zealand, and PNG by:

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Contact InKorr Pty Ltd for:



Heat Exchangers

- Shell & Tube Heat Exchangers
- Gasketed Plate Heat Exchangers
- Brazed Plate Heat Exchangers
- Crossflow Welded Plate Heat Exchangers
- Plate & Shell Heat Exchangers
- Non Metallic Heat Exchangers
- Corrugated Tube Heat Exchangers
- Spiral Heat Exchangers
- Air-Cooled Heat Exchangers



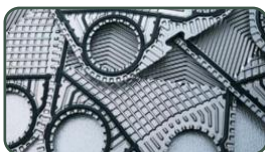
Vessels, Columns, and Equipment manufactured from:

- Exotic Alloys (Ta, Zr, Ti)
- Graphite and Silicon Carbide
- PTFE Lining



Plastic Lined Valves and Piping

- PTFE
- PVDF
- PP
- and many more!



Servicing and reburishment of heat exchangers!

- Plate cleaning
- NDE for crack testing
- Spare parts, both OEM and aftermarket



Spiral Plate Heat Exchanger

PVC Slurry interchanger / VCM Condenser Solution provider to reduce your energy consumption



Know How

In PVC industry fouling due to high concentration of suspended solids in the medias and viscous polymers require intensive maintenance when dealing with multi channel heat exchangers. Spiral has been for a long time proven to be the ideal heat exchanger to handle the difficult operating conditions and simplified drastically maintenance frequency. Nexson group team with 25 years experience and global references can propose various types of custom made Spirals to improve your processes and reduce your operating and maintenance costs.

Benefits

UNIQUE AND RELIABLE DESIGN

The spiral Plate Heat Exchanger (SPHE) present in various applications 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 equipped with davits makes easy maintenance and inspection operations.

ENERGY SAVING

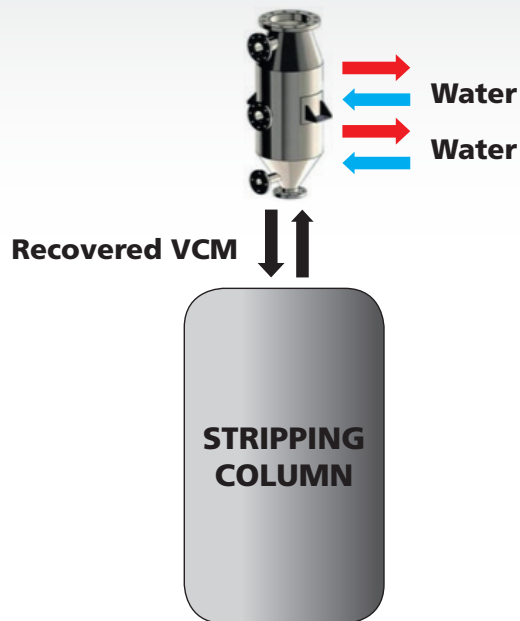
Countercurrent flow circulation makes it ~ 4 times more efficient than traditional shell & tube Heat exchanger.

COMPACT

Compact shape easy to install and operate.



Applications



VCM CONDENSER

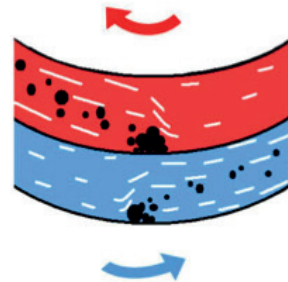
The PVC slurry entering stripping column contains a small percentage of VCM (average 2%) which can be recovered in the Spiral Plate Heat Exchanger (SPHE). Small foot-print and can be column mounted thus reducing supporting and piping costs.

PVC INTERCHANGER

Heat recovery from pvc slurries with concentration up to 30-35%. Specific design allows no retention areas where Pvc can settle and pollute other production batch.

Special and easy fit gasketing system to reduce maintenance costs.

Davits installed on doors to facilitate opening of doors and accessibility to the heat transfer area is total.



MATERIALS

P265 GH /SA516GR60
304L 316L DUPLEX SUPER DUPLEX
904L 254SMO
NICKEL ALLOYS TITANIUM

CAPACITY

Area : Up to 600 m²
Maxi Design temp : 450°C
Maxi design pressure : Full Vacuum/60 Barg

Customer benefits

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

NG1-CS02ENG

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